





# Castors and Wheels

 **Blickle**

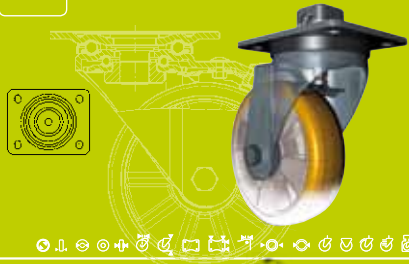


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# A Company on the Move

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📦 40 - 280 kg  
🌀 35 - 150 mm



Page 86 - 111

📦 50 - 110 kg  
🌀 50 - 125 mm



Page 112 - 129

📦 50 - 800 kg  
🌀 80 - 400 mm



Page 130 - 151

📦 50 - 650 kg  
🌀 100 - 280 mm



Page 152 - 161

📦 140 - 6000 kg  
🌀 80 - 620 mm



Page 162 - 189

📦 50 - 1300 kg  
🌀 180 - 536 mm



Page 190 - 199

📦 450 - 1885 kg  
🌀 250 - 525 mm



Page 200 - 205

📦 150 - 1000 kg  
🌀 75 - 250 mm



Page 206 - 219

📦 180 - 3600 kg  
🌀 80 - 300 mm



Page 220 - 235

📦 180 - 1150 kg  
🌀 80 - 300 mm



Page 236 - 243

📦 100 - 30000 kg  
🌀 35 - 1000 mm



Page 244 - 265

📦 400 - 30000 kg  
🌀 80 - 1000 mm



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**13** Nylon wheels and castors, polypropylene wheels and castors

📦 75 - 1500 kg  
⊙ 50 - 300 mm



Page 274 - 297

**14** Heavy duty nylon wheels and castors

📦 100 - 50000 kg  
⊙ 35 - 1000 mm



Page 298 - 317

**15** Cast iron wheels and castors

📦 150 - 1400 kg  
⊙ 65 - 250 mm



Page 318 - 327

**16** Extra heavy duty solid steel wheels and castors

📦 700 - 15000 kg  
⊙ 65 - 300 mm



Page 328 - 333

**17** Flanged wheels and castors

📦 50 - 9000 kg  
⊙ 50 - 400 mm



Page 334 - 341

**18** Stainless steel castors

 📦 40 - 800 kg  
⊙ 50 - 200 mm



Page 342 - 375

**19** Heat-resistant wheels and castors

 📦 65 - 1400 kg  
⊙ 80 - 250 mm



Page 376 - 401

**20** Spring-loaded heavy duty castors

📦 200 - 2400 kg  
⊙ 100 - 300 mm



Page 402 - 417

**21** Compact and levelling castors

📦 75 - 2000 kg  
⊙ 35 - 90 mm



Page 418 - 427

**22** Guide rollers

📦 20 - 400 kg  
⊙ 25 - 125 mm



Page 428 - 435

**23** Wheels and rollers for pallet trucks, stackers and other forklift trucks

📦 180 - 1100 kg  
⊙ 60 - 343 mm



Page 436 - 457

**24** Drive and hub fitting wheels

📦 200 - 25000 kg  
⊙ 75 - 1000 mm



Page 458 - 471

**25** Tyres and press-on bands

📦 160 - 10000 kg  
⊙ 125 - 750 mm



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**26** Special versions



Page 480 - 489

**i**

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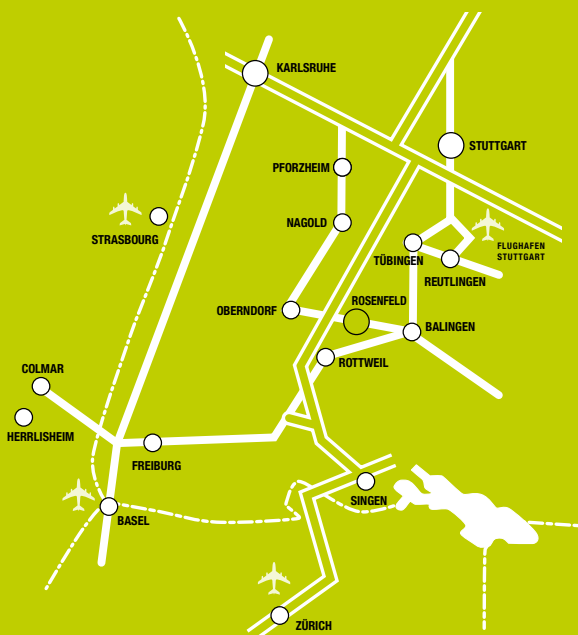


A Company on the Move



BLICKLE. A COMPANY ON THE MOVE.

Blickle. Your partner in motion.  
Think mobility.



In order to be and stay one of the leading manufacturers of castors and wheels over decades you have to have both traditional reliability and modern innovation. Blickle has been manufacturing high-quality castors and wheels since 1953 and is one of the biggest companies worldwide in this field in terms of volumes, range and quality.

Our demands are very simple: To develop the best castor or wheel for every application. We reinvent the wheel every day – with excellent ideas, innovative concepts, material and production technology, lateral thinking, years of experience, as well as motivated and committed employees.

By keeping our headquarters in Rosenfeld, we are committed to our base in Germany and, as a result, to excellent quality: All based on the latest production technology with a high degree of automation. Blickle is known worldwide for high-quality, long-lasting and maintenance-free castors and wheels that are 'Made in Germany'.





Company headquarters in Rosenfeld

Today the Blicke Group internationally employs more than 700 staff, more than 500 of which are located at the headquarters in Rosenfeld. Blicke presently maintains 14 sales subsidiaries across Europe and North America, as well as numerous exclusive agencies with well stocked warehouses in over 100 countries around the globe.

We confirmed our commitment to the protection of the environment by receiving ISO 14001 certification in 2012. By complying to this standard the position of Blicke as a forward-thinking and environmentally conscious company was once again confirmed.



# A tradition of progress. For generations.

In 1956, Heinrich Blicke purchased the 'Fruchtkasten' granary, a landmark in Rosenfeld, for use as a production and storage building.



In 1961, the company's founder Heinrich Blicke died unexpectedly and his wife, Elisabeth Blicke, assumed management of the company, which by then comprised approximately 40 employees.

In 1977, her son Reinhold entered the company as Co-Director and has been successfully running the family enterprise to the present date.



1953

1960

1965

1968

1975

1978

1980

1983

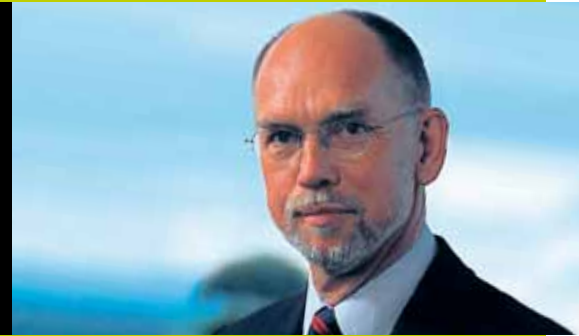
At the beginning of the 1950s, Wilhelm Sülzle split up his long-established craftsmen enterprise between his sons and son-in-law Heinrich Blicke. Heinrich Blicke had a farsighted vision and transformed the company's focus from iron wheelbarrow wheels to modern rubber wheels. This was just the first step to becoming one of the world's leading manufacturers of castors and wheels.



The company grows: In 1972 the premises had become too small. A new office and production building was built, but space was once again at a premium by the end of the century. A new administration building was inaugurated in 2002, once again showing the company's clear commitment to Rosenfeld. In addition, a new logistics centre was completed in 2011.



Success comes to those who have learned from the past how to prepare for the future. Blickle has a tradition of progress. Founded in 1953, today Blickle is one of the leading manufacturers of castors and wheels worldwide. This results from competence, hard work, quality and innovation.



Reinhold Blickle, Director

A long-established craftsmen enterprise was the start of our success story, transforming the company's focus from iron wheelbarrow wheels to modern rubber wheels, and later to swivel and fixed castors.

Typically Swabian virtues such as hard work, an obsession with quality and the genes of inventors all contribute to continual product improvement, with a constantly growing product range. Unique products and patents were added to the mix, creating an excellent reputation for the company. Today, the company is managed by the founder's son, Reinhold Blickle. His vision is just as dynamic and far-reaching as his father's, perfectly harmonising the concepts of tradition and progress. The next generation of the family is already involved in the company.

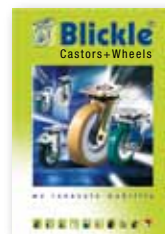
More than half a century of research and development has produced numerous inventions and patents. The best example of this: Our polyurethane treads Besthane®, Besthane® Soft, Extrathane® and Softhane®. Specially developed polyurethane for various applications: Durable, resistant to wear, cutting, and tearing; low rolling resistance; resistant to acids and solvents, and available in a wide range of dimensions.



Our new high-tech logistics centre with fully automated small parts warehouse and high-rack warehouse is where customer satisfaction begins: We can quickly serve almost every customer need from here with a product range encompassing over 30,000 different standard castor and wheel types for almost every application and demand. Customer-specific special solutions are produced on demand.



1984                      1985                      1990                      1998                      2000                      2008                      2010                      2011



Our success story is also visible in our catalogues: The first general catalogue (the G1) only appeared in German in 1953/54. The G6 was available in German, English and Spanish as early as in 1966. The G13 was produced in 14 different languages for the first time 1996. The manufacturer of metal goods had turned into an internationally operating company and celebrated its 50th anniversary in 2003.



You actually have to be ahead of your time in order to remain up-to-date: Our corporate design was revised and adapted to the times once again in 2009. Blickle is a future-oriented company that is already working to fulfil the customer demands of tomorrow.

# Competence does not recognise any borders. Production: Germany. Sales: Worldwide.

**We put the world in motion in all senses of the word. We are represented by our own subsidiaries or sales partners in over 100 countries around the world. Our international customers are well cared for by 12 sales companies in Europe and 2 in North America.**

Wherever you are looking for us, we are already there: Throughout the world, we set store by proximity to our customers and good, quick support. Thanks to our dense network, we are able to assist our customers competently and quickly. Our local specialists are there to help you, even with complex technical questions. Orders are quickly dispatched from our well-stocked warehouse. Reliable logistics quickly bring the goods to where they are needed – anywhere in the world.







Blickle France



Blickle sales companies:

- Austria
- Belgium
- Canada
- Czech Republic
- Finland
- France
- Great Britain
- Italy
- Netherlands
- Norway
- Spain
- Sweden
- Switzerland
- USA



Blickle Finland



Blickle Switzerland



Blickle Czech Republic

Blickle Netherlands



Your needs are our challenge.  
We innovate mobility.

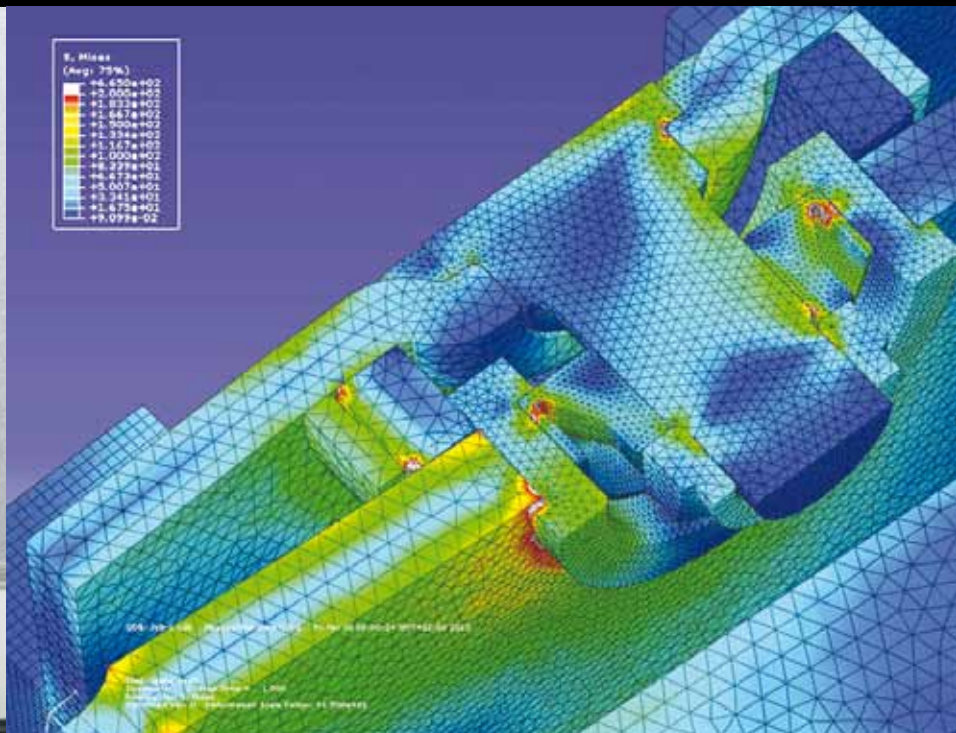


**Only those committed to perfection will stay ahead. At Blicke, we strongly believe in innovation, but still keep an eye on what we already do best. By focusing on innovative research and development, our engineers constantly strive to develop the best possible wheel & castor solution for each and every application our customers may have in mind.**

**Our goal:  
To produce the best wheel or best castor for every possible application.**







Initial sample testing for product release

To reinvent the wheel every day: Our team of dedicated engineers are committed to this philosophy and work hard to enhance, diversify and optimise our product range. We utilise the latest technology including linear and non-linear FEA and work closely with established institutes to keep our engineers' innovative ideas rolling. Our intelligent and efficient approach is achieved by combining engineering services with on-site tool making facilities and direct CAD data transfer to develop innovations in real time. We are also dedicated to conducting elementary research besides focusing on developing specific, customer-oriented technical solutions. The best example of our commitment to research is Besthane<sup>®</sup>, the innovative polyurethane tread, which has been especially developed in our in-house laboratory to handle the most arduous conditions, heaviest loads and high speeds.

# Quality. Right from the start. In-house tool making.



In-house tool making ensures the highest precision

The right tool is designed and constructed in-house for every demand. There are numerous advantages to this: For example, we can manufacture products cost-effectively, while ensuring consistently high product quality. In addition, our developments can be quickly turned into finished products. Our modern machinery is operated by highly-qualified employees and kept at the state-of-the-art. Careful and regular tool maintenance and repairs guarantee high, long-term productivity and an above-average service life for each and every tool.



# Processing of up to 630 tonnes of pressure. Perfection. Made in Germany.

**Market leaders have a lot of responsibility. Our method: Manufacturing ourselves – Right from the start. This lets us keep full control over quality and delivery deadlines. But it also lets us respond quickly and flexibly to customer and market changes. Guaranteeing that our customers get the consistently high standard of quality that they are used to from Blicke.**

We rely on flexibility when it comes to steel working. Our comprehensive pool of presses includes hydraulic and excentric presses with up to 630 t press power. 10-mm-thick coils can be punched fully automatically with them. The presses have been optimised for the production of wheels. As a result, we are able to manufacture very large quantities economically and are flexible enough to also take care of small batches at low costs.

We produce components that can be directly implemented in automatic production using self-manufactured follow-on composite tools.



Concentrated force: Our modern pool of presses with up to 630 t press power

# Automated where possible, hand-made where necessary. Welding.



Microscopic weld seam inspection



**Good connections are the basis for durability.  
Precision is a deciding factor when welding.**

We weld both manually and automatically, but always precisely. Our automatic welding robots are state-of-the-art and their operators are all certified and qualified welders. Consistently good welds are only possible if we pay attention to the quality of the 'welder'. Only welding precision is what gives our heavy-duty castors the necessary stability and safety.



## Down to the last detail: Expertise in polyurethane.



**Going from the perfect material to the optimum product: When it comes to polyurethane, the production details make all the difference. This is why we have educated ourselves in order to become PU specialists.**

The material composition and how it is processed are two essential pillars for quality. We blast, clean and prime the metal wheel centres fully automatically. The polyurethane is casted using a low-pressure hot-casting method with computer-aided casting machines. Here, the basic components are degassed, mixed precisely and metered. Required additives, such as colour pigments, activators or static inhibitors can be mixed in exactly. Tempering is done during several defined cycles, giving the PU the optimum mechanical and dynamic characteristics.



Quality throughout the entire process – From a blank to a finished polyurethane wheel.



## Innovation in plastics processing. Plastic injection moulding.

**If you want to remain as a market leader, you must be flexible: We can produce the most varied plastic castors – heat-resistant, electrically conductive, glass-fibre reinforced and numerous other variants. We not only produce castors made of various types of plastics, we also make complete swivel and fixed castors.**

Our large pool of machines and systems for injection moulding of plastic parts consists of the latest state-of-the-art, top-performing machines from leading German manufacturers. Material supply is executed fully automatically via an integrated 'material station' linked to a large drying device. An extremely high-performance cooling system is used to achieve optimum cycle times at a consistently high level of quality. A large number of state-of-the-art injection moulding machines, many equipped with linear robots or multi-lifts, supplemented by machine-side granulators and conveyor belts, enable exceptionally efficient and lean production. Several machines are available, covering a clamping force range from 250 kN to 8,000 kN.

Plastic injection moulding with the latest systems ensures 100 % precision of the parts.





# More than 15 million castors and wheels each year. Rolling out quality, day after day.

**If you produce your own components, you also assemble them: We have developed fully automatic production lines for housing and wheel assembly. This results in inexpensive and economical assembly work of the highest quality.**

Almost 60,000 square metres of floor space are used to produce over 15 million castors and wheels every year, more than 60,000 products each day. Following the motto 'machines where possible and people where necessary', assembly is primarily taken over by camera-monitored robots. Our flexibility is mainly down to the use of manual labour for customer-specific small batches. Many testing and control stations integrated in the production lines guarantee a high level of quality.



Fast, precise, economical: The optimum balance between automation and manual work.

LOGISTICS: WHAT WE DO TO REACH YOU.

## Our centre for customer satisfaction: The new logistics centre.

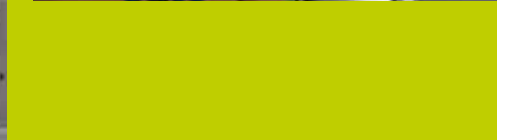
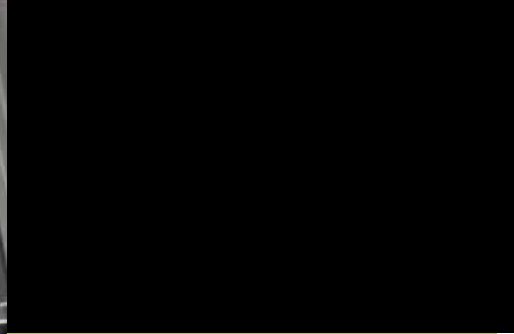
We have invested in the future for our customers. Thanks to our new logistics centre, in which we process worldwide shipments, we are able to offer even faster delivery times. Computer-aided storage and order picking means that there is almost no chance of mixing up products and components, and a double weight check rules out errors in quantity. Our sales companies are networked with our central warehouse via SAP and have direct access to products that are protected from dust and other dirt – all to make them available even faster.



The 2-storey logistics centre has a space of 2,700 m<sup>2</sup> on every floor. The incoming goods department and the despatch department are located on the ground floor and consignment and packaging of the goods are on the top floor. There are 8 loading ramps with various heights. The high-rack warehouse, which is 75 m long, 27 m wide and 27 m high, has space for 15,000 pallet cages. Inside there are 6 alleys that are served by fully automated rack feeders. The warehouse for small parts, which is located adjacent to the logistics centre, provides room for 27,000 small part containers for up to 60 kg and is also equipped with fully automated rack feeders.









EMPLOYEES, COLLEAGUES, PEERS.

Employees drive our success.  
We act as partners and think as a team.







**Machines are useful, people are priceless. Every product, every statement is only as good as our employees and their motivation. This is why gaining and, above all, keeping good employees is a top priority.**

Over 700 employees worldwide, over 500 of which are based in Rosenfeld, are the reason for Blickle's success. Their expertise and commitment have brought us to where we are today: Ahead of the competition. This is not just a matter of course, but of giving and taking between the company and staff. Our employees are the most important part of our company; they shoulder responsibility and receive security through their work. Our relationship is based on esteem and respect. Constant further training keeps everyone up to speed with the latest developments. Workstations with the latest technology also facilitate day-to-day work. Young professionals are assisted along the way. With an above-average training rate of over 10 %, we are investing in the future and in our region. This is exhibited by our retention rate for employees, many of which have been with the company for decades.



Our office and field staff – A good team for our customers.

QUALITY. HOW WE MAKE SURE WE STAY AHEAD.

## The basis of our success: Quality.

The confidence of our customers is of paramount importance to us: This confidence is earned through hard work as well as through quality and reliability. With our own production facilities based in Germany and our continuing commitment to local manufacturing, we have full control over quality and delivery from the very beginning. The state-of-the-art production facilities guarantee higher processing accuracy and reliability, which we aim to improve every day. This is why we were the first wheel and castor manufacturer to be certified with ISO 9001 in 1994. In 2012 the quality management system was supplemented by new environmental and safety standards and subsequently Blickle was awarded ISO 14001 certification.

A multitude of testing devices are available for our engineers in our test laboratories, including various rotary test benches for loads of up to 5.5 t, material test equipment, as well as climatic exposure test cabinets. With our state-of-the-art measuring equipment we carry out wheel and castor tests in accordance to DIN EN 12527-12533 and also destructive tests. The first and last parts of every production lot are always approved by a worker. The many testing and control stations in our fully automatic production lines guarantee the high level of quality expected from Blickle. In addition, every product is checked again prior to despatch. Just to make sure.

3-D digitalisation  
with a high-tech camera



Intensive testing guarantees the high level of quality expected from Blickle.







Certificate awarded to



Blickle Räder+Rollen GmbH u. Co. KG  
Heinrich-Blickle-Str. 1  
D-72348 Rosenfeld, Germany

Bureau Veritas Certification certifies that the Management System of the above organization has been assessed and found to be in accordance with the requirements of the standards detailed below.

Standard  
**DIN EN ISO 9001:2008**  
Scope of supply

Development, production and international sales of wheels and castors

Original approval date: 21.06.1994  
Date of the audit: 18.02.2010  
Date of next recertification: 18.02.2013

Subject to the continual satisfactory operation of the organization's Management System, this certificate is valid from:  
Date of certification: 01.03.2010  
Valid until: 28.02.2013

To check the certificate validity you may contact Bureau Veritas Certification. Further clarifications regarding the scope of this certificate and the applicability of the Management System requirements may be obtained by consulting the organization.

*Andrea Gell*  
Local Technical Manager

Date: 02.03.2010  
Certificate number: **DE100001281**

Bureau Veritas Certification Germany GmbH  
Verkaufsst. 1 | D-21079 Hamburg

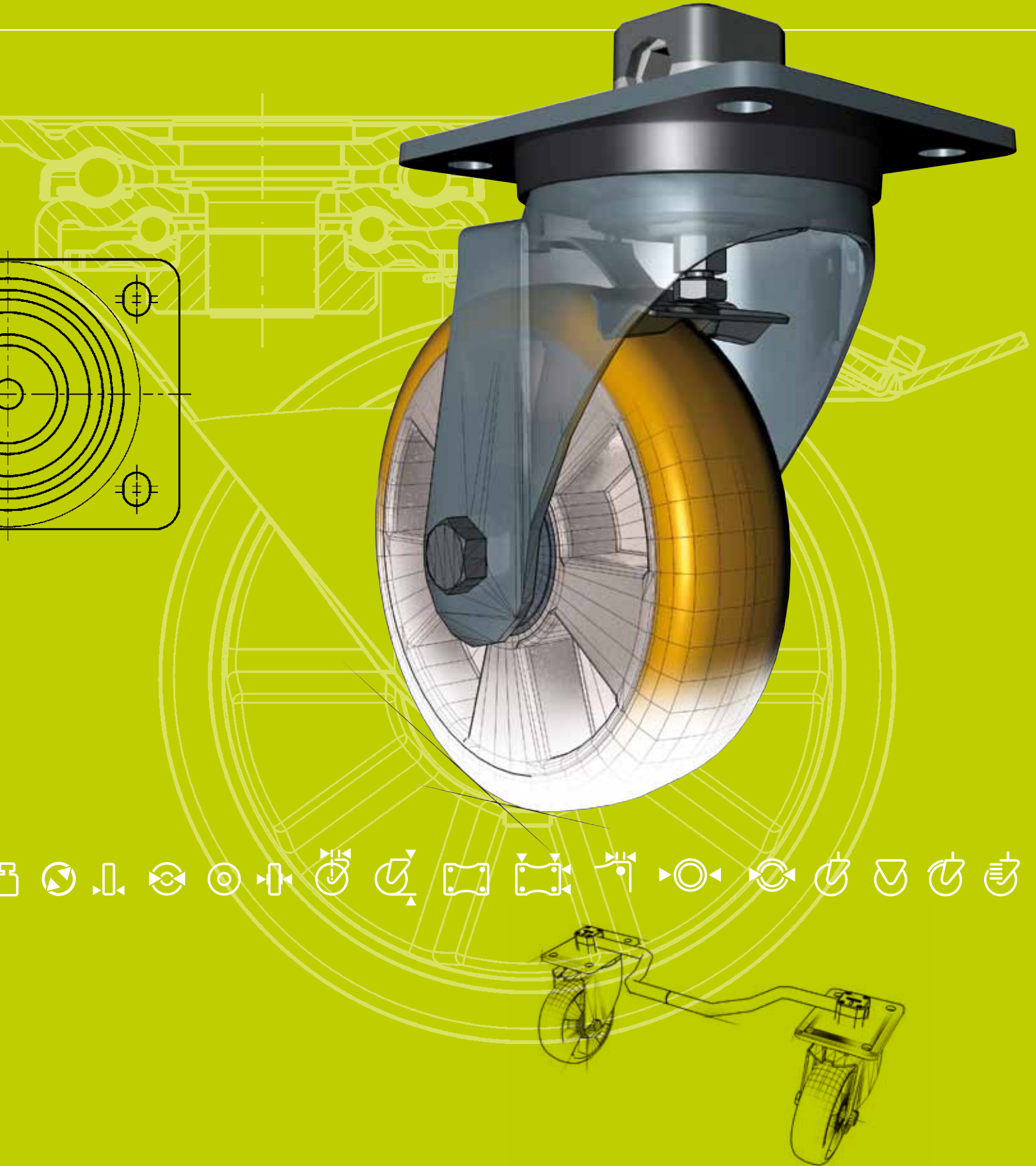


**ISO 14001**

CERTIFIED ENVIRONMENTAL MANAGEMENT SYSTEM



# Wheels and Castors Guide





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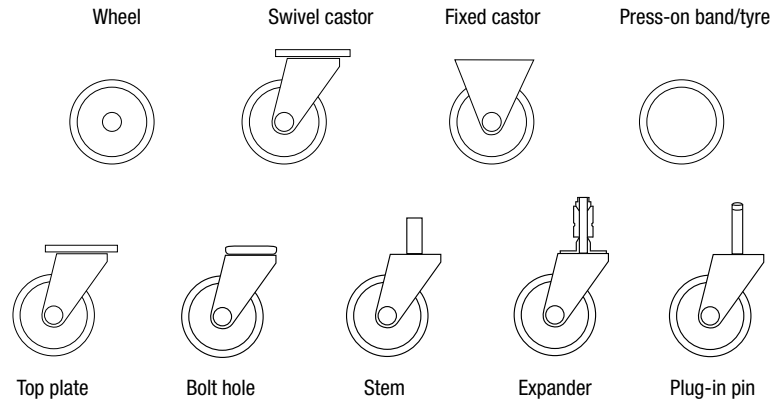
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### Selection criteria for wheels and castors

#### 1. Select your product.

Depending on the type of application, wheels, swivel and fixed castors or press-on bands/tyres can be used. Swivel castors will rotate whilst fixed castors will only operate in the running direction. The castors can be fitted with a top plate, bolt hole, stem, expander or plug-in pin. (Description refer to page 32, 74-79)



#### 2. Determine the required load capacity.

The required load capacity of a wheel or castor is calculated from the dead weight of the transport unit and its additional load, divided by the number of wheels or castors used. The result is multiplied by a safety factor which is dependent upon the application conditions. (Description refer to page 33)

$$T = \frac{E+Z}{n} \times S$$

- T = Required load capacity of the wheel or castor
- E = Dead weight of the transport unit
- Z = Maximum additional load
- n = Number of wheels or castors used
- S = Safety factor

#### 3. Select from different wheel materials.

The hardness, shape and tread material have a considerable influence on the operational comfort, smooth rolling performance and starting, rolling and swivel resistance of the wheels or castors. Generally, a wheel tread or tyre should be softer than the floor otherwise damage to the floor can occur. (Description refer to page 38-40)

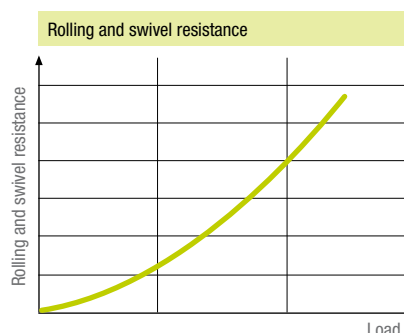
Material of the tread	Tread & tyre hardness	Operating noise
Pneumatic tyres, soft rubber	■ □ □ □ □ □	■ ■ ■ ■ ■ ■
Elastic solid rubber, super-elastic solid rubber	■ ■ □ □ □ □	■ ■ ■ ■ □ □
Solid rubber, TPE, Softhane®, Besthane® Soft, silicone rubber	■ ■ ■ □ □ □	■ ■ ■ □ □ □
TPU, Extrathane®, Besthane®	■ ■ ■ ■ □ □	■ ■ □ □ □ □
Steel, cast iron, nylon, polypropylene, phenolic resin	■ ■ ■ ■ ■ ■	■ □ □ □ □ □

soft —————> hard    noisy —————> silent

#### 4. Starting, rolling and swivel resistance. Manoeuvrability.

The starting, rolling and swivel resistance of a wheel or castor are significantly influenced by the tread, bearing type, wheel Ø, total load and condition of the floor. (Description refer to page 34-35)

The manoeuvrability of the transport unit depends on the number, type and arrangement of the castors. These factors will also have an influence on the load capacity, mobility, guidance, turning circle and stability of the vehicle. (Description refer to page 41)



- Low rolling resistance**
  - large wheel Ø
  - hard tread
  - high resilience of the tread
  - ball bearing
  - even floor
- Low swivel resistance (swivel castors)**
  - hard tread
  - crowned tread
  - large offset
  - hard, even floor



## Selection criteria for wheels and castors

### 5. Select the required wheel bearing type.

To select a suitable bearing, the load, speed, environmental influences and the amount of force needed to bring the transport unit into motion need to be considered.  
Plain bores are simple, rugged and are greatly resistant to humidity, but have an unfavourable friction coefficient, resulting in a relatively high starting and rolling resistance.

Roller bearings are rugged, have a low rolling resistance and a low radial bearing clearance.  
Ball bearings offer the best starting and rolling characteristics, the lowest bearing clearance, high load capacities and are suitable for higher speeds.  
(Description refer to page 60-61)



### 6. Corrosion resistance. Temperature resistance. Chemical resistance.

The service life and correct functionality of a wheel or castor depend amongst other things on the surface finish and resistance of the materials to corrosion,

temperature and chemical substances. However the type and duration of exposure are also essential factors.

The table on page 36-37 shows the chemical resistance of the different materials.



Testing of hydrolysis resistance

### 7. You require options?

The function of a wheel or castor can be supplemented by different options.

For every application or requirement, suitable options are available:  
Wheel and swivel head brakes to lock the rolling and swivel motion of swivel castors, foot guards to prevent foot injuries, electrically conductive treads for electrostatic discharge protection and many more.

A detailed listing of the options can be looked up on page 80-85.

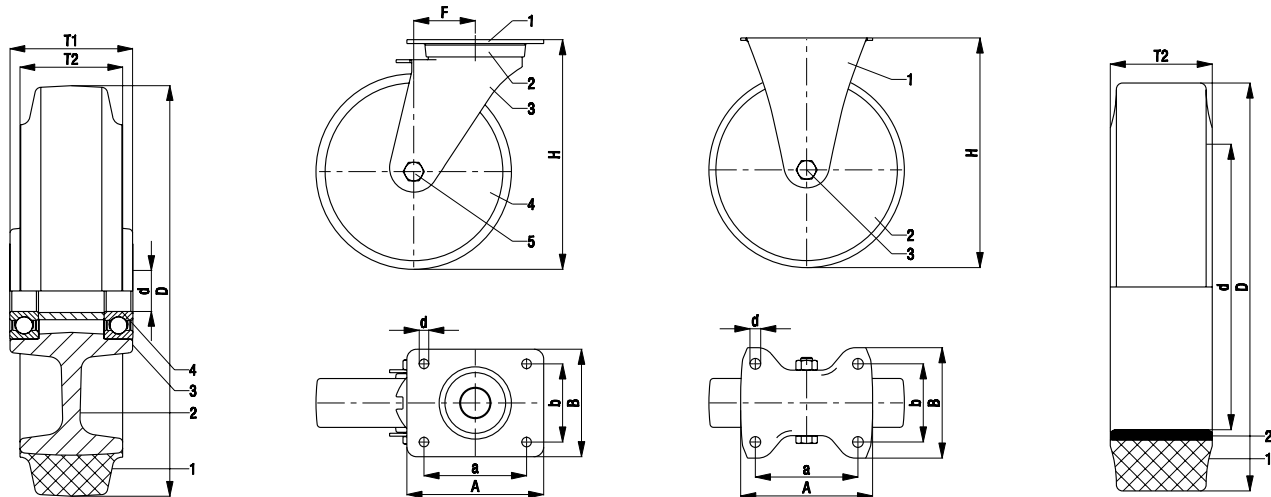


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## PRODUCTCONFIGURATOR

Just 4 steps to find the best product.

## Basics / Terminology



### Wheel

**Designations:**

- 1 = Tread/tyre
- 2 = Wheel centre/rim
- 3 = Hub
- 4 = Wheel bearing

**Dimensions:**

- D = Wheel diameter
- d = Axle bore diameter
- T1 = Hub length
- T2 = Wheel width

Wheels consist of tread/tyre, wheel centre/rim and a wheel bearing.

Depending on their nature, the wheels have different load capacities, rolling resistances and rolling qualities. The special characteristics of the individual wheel series are explained in detail on page 42 onward 'Blickle wheel series'.

The sectional drawings of the wheels included on the product pages show only examples of each series, and may differ, depending on the product range.

### Swivel castor

**Designations:**

- 1-3 = Swivel bracket
- 1 = Top plate fitting
- 2 = Swivel head (swivel bearing)
- 3 = Swivel fork
- 4 = Wheel
- 5 = Wheel axle

**Dimensions:**

- H = Total height/mounting height
- F = Offset
- A,B = Plate dimensions
- a,b = Bolt hole spacing
- d = Bolt hole diameter

Swivel castors are vertically rotatable and make appliances, etc. manoeuvrable. A fork (swivel fork) is fitted to the fitting element by a swivel head (swivel bearing).

To enable a smooth swivel motion of the fork, the wheel is generally fitted with a horizontal distance between the axis of the swivel bearing and the wheel (offset).

If correctly dimensioned, the offset allows a smooth swivelling of the castor without additional tools as well as directional stability.

Swivel castors can be equipped with brake systems to lock:

- the rotary motion of the wheel (wheel brake)
- the rotary motion of the wheel and the swivel motion of the fork (wheel and swivel head brake)
- the swivel motion of the fork (directional lock).

### Fixed castor

**Designations:**

- 1 = Fixed bracket
- 2 = Wheel
- 3 = Wheel axle

**Dimensions:**

- H = Total height/mounting height
- A,B = Plate dimensions
- a,b = Bolt hole spacing
- d = Bolt hole diameter

Fixed castors provide directional stability for appliances, etc. and cannot be swivelled.

### Press-on band/tyre

**Designations:**

- 1 = Tread/tyre
- 2 = Steel-band

**Dimensions:**

- D = Outer diameter
- d = Inner diameter
- T2 = Width

Press-on bands/tyres consist of different elastomers and are equipped with a steel ring or a steel insert.

Depending on their nature, press-on bands/tyres have different load capacities, rolling resistances and rolling qualities. The special characteristics of the individual press-on bands/tyres are explained in detail on page 59 'Blickle wheel series'.



## Load capacity / Wheel and castor types

### Load capacity

In order to determine the required load capacity of a wheel or castor, the dead weight of the transport unit, the maximum additional load and the number of wheels and castors to be used must be known. By using four or more wheels or castors, the load bearing of the individual wheels or castors can vary. The required load capacity can be defined as follows:

$$T = \frac{E+Z}{n} \times S$$

T = Required load capacity of the wheel or castor

E = Dead weight of the transport unit  
Z = Maximum additional load  
n = Number of wheels or castors used  
S = Safety factor

The safety factor S reflects the deviation from the standard application conditions (even floor, walking speed, load must act equally on all wheels or castors, straight travelling, ambient temperatures between +15° C and +28° C). The safety factor is influenced by the speed and the ratio between wheel Ø and height of the obstacles. A distinction is drawn between four categories:

- Indoor manual transport (height of the obstacles < 5 % of the wheel Ø):  
Safety factor: 1.0 to 1.5
- Outdoor manual transport (height of the obstacles > 5 % of the wheel Ø):  
Safety factor: 1.5 to 2.2
- Indoor power driven transport (height of the obstacles < 5 % of the wheel Ø):  
Safety factor: 1.4 to 2.0
- Outdoor power driven transport:  
Safety factor: 2.0 to 3.0

Safety factors do not consider abrasion of the tread.

Speeds higher than 4 km/h with a reduced load capacity are possible for wheels and castors with ball bearings fitted.

If a wheel or a fixed castor is mainly exposed to static loads, a load capacity increase up to 25 % can be assumed. With long endurance times under high loads, the danger of tread flattening must be considered.

The load capacity is stated in kg. To convert it into N, the common factors need to be implied. The following equation applies approximately: 1 kg  $\approx$  1 daN.



Blickle light duty wheels and castors

Light duty wheels and castors and compact castors are mainly used with appliances and equipment for internal applications. They are designed for travelling speeds of up to 3 km/h. The maximum load capacity is 280 kg for light duty wheels and castors and 1750 kg for compact castors. They fulfil all requirements for high manoeuvrability of the respective appliances as well as for maximum smooth rolling performance at low rolling resistances. Typical application areas are medical equipment, display bases, equipment for large-scale catering establishments, etc.

Blickle light duty wheels and castors and compact castors are tested in regards of load capacity on a rotating bench in acc. to DIN EN 12530:

The most significant test characteristics are as follows:

- Speed: 3 km/h
- Temperature: +15° C to +28° C
- Hard, horizontal surface with obstacles of 3 % of the wheel diameter
- Test duration: Number of obstacles crossed corresponds ten times the wheel diameter (in mm)
- Break time: Max. 3 min after each 3 min running time



Blickle wheels and castors for transport equipment

Wheels and castors for transport equipment are used in the industrial sector, both indoor and outdoor. They are designed for travelling speeds of up to 4 km/h. The maximum load capacities amount to 900 kg. Transport equipment wheels and castors are insensitive to environmental influences, largely maintenance-free and run trouble-free over a long period of time. Typical application areas cover many types of equipment including pallets, working platforms, and waste containers.

Blickle wheels and castors for transport equipment are tested in regards of load capacity on a rotating bench in acc. to DIN EN 12532:

The most significant test characteristics are as follows:

- Speed: 4 km/h
- Temperature: +15° C to +28° C
- Hard, horizontal surface with obstacles of the following heights:  
5 % of the wheel diameter for wheels with soft tread (hardness < 90° shore A)  
2.5 % of the wheel diameter for wheels with hard tread (hardness  $\geq$  90° shore A)
- Test duration: 15.000 x wheel circumference, at least 500 obstacles crossed
- Break time: Max. 1 min after each 3 min running time



Blickle heavy duty wheels and castors

Heavy duty wheels and castors are used in application areas with heavy loads and/or higher travelling speeds. They have a much sturdier design. To move extremely heavy loads, two-wheel castors are also used (twin wheel castors). For vibration free transport spring-loaded castors are particularly suitable. Typical application areas are storage and industrial trucks, assembly and transport systems, etc.

Blickle heavy duty wheels and castors are tested in regards of load capacity on a rotating bench at 4 km/h in acc. to DIN EN 12532 and at higher speeds to DIN EN 12533:

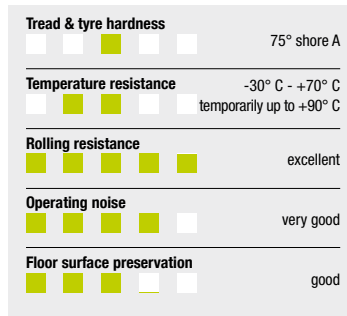
The most significant test characteristics in acc. to DIN EN 12532 are as follows:

- Speed: 4 km/h
- Temperature: +15° C to +28° C
- Hard, horizontal surface with obstacles of the following height:  
5 % of the wheel diameter for wheels with soft tread (hardness < 90° shore A)  
2.5 % of the wheel diameter for wheels with hard tread (hardness  $\geq$  90° shore A)
- Test duration: 15.000 x wheel circumference, at least 500 obstacles crossed
- Break time: Max. 1 min after each 3 min running time

The most significant test characteristics to DIN EN 12533 are as follows:

- Speed: 6 km/h, 10 km/h, 16 km/h, 25 km/h (norm: max. 16 km/h)
- Temperature: +15° C to +28° C
- Hard, horizontal surface with obstacles of the following height:  
5 % of the wheel diameter for wheels with soft tread (hardness < 90° shore A)  
2.5 % of the wheel diameter for wheels with hard tread (hardness  $\geq$  90° shore A)
- Test duration: Number of obstacles crossed corresponds five times the wheel diameter (in mm)
- Break time: Max. 1 min after each 3 min running time

# Tread & tyre hardness. Temperature resistance. Starting and rolling resistance. Operating noise. Floor surface preservation.



Infobox Blickle wheel series

## Tread & tyre hardness

On the product pages the tread & tyre hardness is illustrated by an Infobox with a summary of the specification. The further to the right the mark is situated the harder the tread or tyre. Therefore, the illustration allows a fast estimation of the tread & tyre hardness. The specification of the tread & tyre hardness allows a comparison between the different wheel series.

The specification of the hardness is made for

- elastomers and polyurethanes rated in shore A,
- hard synthetics rated in shore D and
- metals rated in Brinell hardness (HB)

## Temperature resistance

The temperature resistance is illustrated by an Infobox with a summary of the specification. Marks on the left indicate that the wheels are suitable in particularly cold temperatures, marks on the right in particularly high temperatures. Besides the illustration the application ranges are indicated by concrete values. In the specified temperature application range the wheel characteristics such as tread & tyre hardness, load capacity, starting and rolling resistance can change.

## Starting and rolling resistance

The starting resistance is the force which has to be overcome to accelerate a wheel from a passive state to translatory motion. The force which is necessary to set a wheel in uniform motion is called rolling resistance. The starting and rolling resistance depend on the following factors:

- Wheel Ø
- Tread
- Tread hardness
- Resilience of the tread
- Wheel bearing
- Floor

The rolling resistance is caused by a permanent downward and upward deflection of the tread during the rolling motion (hysteresis).

The measurement of the rolling resistance is carried out on a test bench. The measured values are evaluated under ideal conditions:

- Even, free of dirt steel surface without obstacles
- Speed: 4 km/h
- Temperature: +20° C
- Load: 2/3 of the max. load capacity

Under these standardized constraints the rolling resistances of the different wheel series can be compared with each other.

Deviating conditions (floor condition, temperature, speed, etc.) must be considered when defining the equipment frame and can influence the rolling resistance values significantly.

The swivel resistance depends on the following factors:

- Tread
- Tread hardness
- Contact surface
- Offset
- Floor

## Operating noise

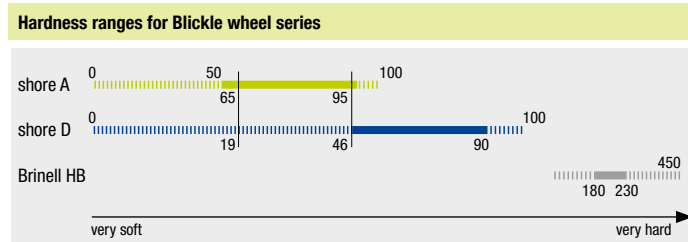
The more points shown on the scale, the less vibration and lower noise emission during the transport of the goods will be noticed. The basic principle is: The larger the wheel and softer as well as thicker the tread, the smoother a vehicle can be moved. This means that a soft tread associates with lower, and a harder tread associates with higher noise emission. With low loads and a soft surface (i.e. carpet), hard wheels with low noise emission and high operational comfort can be used.

## Floor surface preservation

The situation is similar with floor surface preservation. A hard tread affects the surface more than a soft tread. Therefore a tread with five points in the category floor surface preservation indicates an exceptionally floor-preserving behaviour.

Characterizing for floor surface preservation is the average floor pressure. For the different tread materials the following reference values can be used:

Pneumatic tyres	~ 0.8 N/mm <sup>2</sup>
Soft rubber	~ 0.8 N/mm <sup>2</sup>
Super-elastic solid rubber	~ 1.5 N/mm <sup>2</sup>
Elastic solid rubber	~ 1.8 N/mm <sup>2</sup>
Solid rubber/polyurethane (approx. 75° shore A)	~ 3.5 N/mm <sup>2</sup>
Polyurethane (approx. 92° shore A)	~ 8.0 N/mm <sup>2</sup>
Thermoplastic polyurethane	~ 11.0 N/mm <sup>2</sup>
Polypropylene/nylon	~ 40.0 N/mm <sup>2</sup>
Cast nylon	~ 60.0 N/mm <sup>2</sup>
Cast iron	~ 350 N/mm <sup>2</sup>
Steel	~ 500 N/mm <sup>2</sup>

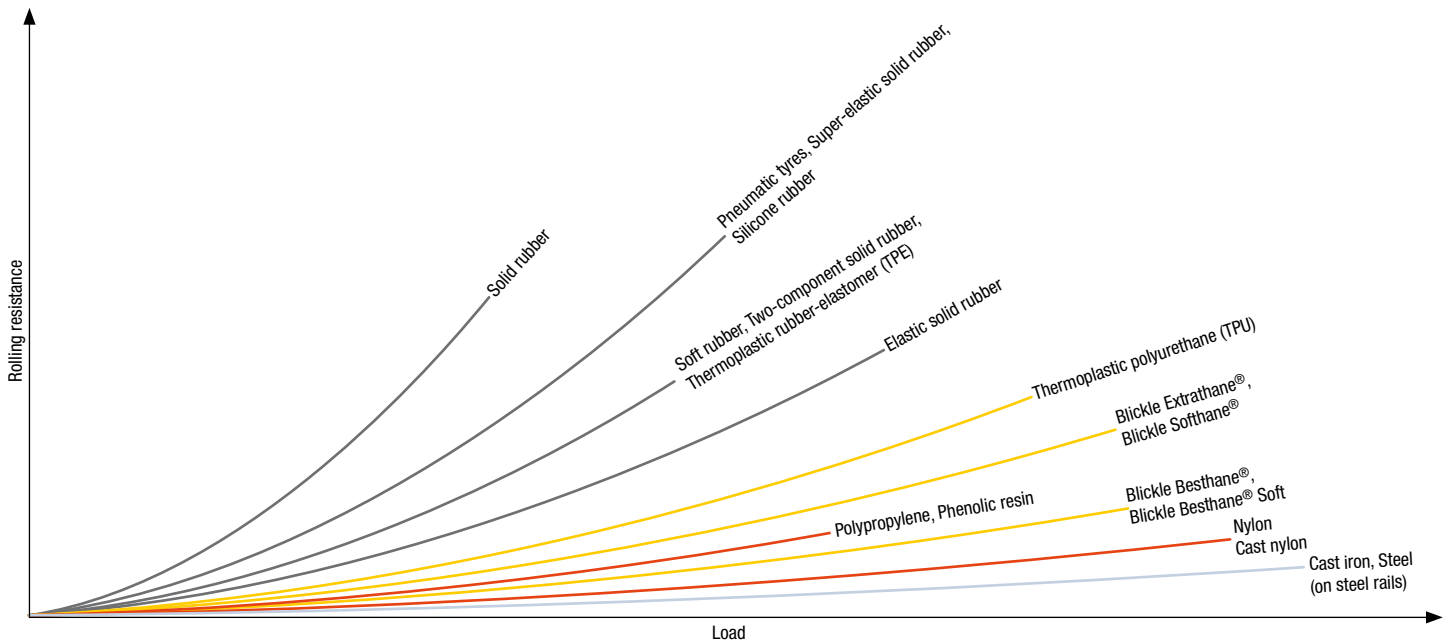


Between the different hardness test methods there aren't any linear correlations. The presented values only serve as reference values and were determined empirically.



**Tread & tyre hardness. Temperature resistance. Starting and rolling resistance. Operating noise. Floor surface preservation.**

Rolling resistance of different Blickle tread materials



Tread material	Wheel series	Refer to page
<b>Rubber</b>		
Solid rubber	VPA	93
	VGA	93, 148
	VE	132
	V	136-137
	VPP / VPE	139-140
	VEHI VKHT	378 386
Thermoplastic rubber-elastomer (TPE)	TPA	88, 145
Soft rubber	VW VWPP	154 156
Two-component solid rubber	RD	158
Elastic solid rubber	POEV	164
	ALEV	171, 445
	SE	180
	GEV	187
	DS	189
	REV	448-456
	GEVN	460
	GEVA	467
	BEV	475-476
Pneumatic tyres	P	192-193
	PS	195
	PK	197
	PA	470
Super-elastic solid rubber	VLE	202
	VLEA	471
	BSEV	474
Silicone rubber	POSI / ALSI	381

Tread material	Wheel series	Refer to page
<b>Polyurethane</b>		
Thermoplastic polyurethane (TPU)	PATH	99, 208
	POTH	213
	FPTH	433
	FPU	434
Blickle Softhane® polyurethane-elastomer	ALST	222, 445
	GST	229
	GSTN	461
	GSTA	468
Blickle Besthane® Soft polyurethane-elastomer	ALBS	238
Blickle Extrathane® polyurethane-elastomer	ALTH	246, 445-446
	SETH	254
	VSTH / GTH	258-259, 446
	FTH	430
	FSTH	431
	HTH	438-440
	HTHW	442-443
	RTH	448-457
	GTHN	462-463
	BTH	477
Blickle Besthane® polyurethane-elastomer	VSB / GB	268-269, 447
	FPOB	432
	HB	441
	RB	448-457
	GBN	464-465
	GBA	469
	BB	478-479

Tread material	Wheel series	Refer to page
<b>Synthetics</b>		
Nylon	POA	104
	PO	276-277, 445
	POW	288
	SPO	300-301
	POHI	389
	FPO HPO	435 444
Cast nylon	GSPO	314
	SPKGSPO	338
	DSPKGSPO	340
Polypropylene	PPN	293
Phenolic resin	PHN	394
<b>Metal</b>		
Cast iron	G	320, 399
	SPK	336
Steel	SVS	330
	SPKVS	339
	DSPK	341
	SPKVSN	466

# Corrosion resistance. Temperature resistance. Antistatic/Electrically conductive. Chemical resistance.

## Corrosion resistance

Steel surfaces of wheel and castor components are zinc-plated or provided with a protective lacquer coating.

The salt spray test in acc. to DIN EN ISO 9227 is one of the most common test methods used to check the corrosion protection of different substances. A salted solution is sprayed on the components, producing a corrosive attack and the time is measured (in hours) until white and red rust appears.

Surface protection	White rust	Red rust
Zinc-plated, blue	~48 h	~96 h
Zinc-plated, yellow	~144 h	~240 h
Zinc-nickel		~720 h
Lacquering		~192 h
Powder coating		~192 h

In case of small damages zinc-plated surfaces have the advantage that zinc starts to corrode before steel due to electrochemical processes. Therefore the bright spot does not rust. The zinc-plated components undergo an additional chemical treatment which is called passivation. A distinction is made between blue and yellow passivation as the yellow passivation provides a better protection against corrosion than blue passivation. All of our products are in compliance with **RoHS** (directive 2011/65/EU), i.e. they are Cr6-free.

Advantages of zinc-nickel plating, which can be additionally passivated and sealed, are high temperature resistance and prevention of white rust.

Lacquered components lose their corrosion protection when the lacquer coating is damaged. The rust also damages intact layers which are located directly next to the affected area.

The cathodic dip painting is an electrochemical process which is used to coat complicated structures equally in a dipping bath. High temperature resistance and good surface quality are two benefits of this process.

With electrostatic powder coating the powder used for the coating is sprayed on the component and fired afterwards.



Stainless steels have a well-known good corrosion behaviour. The primary used material (1.4301/AISI 304) is a high-alloyed chromium-nickel steel.

Synthetics are characterized by a very high corrosion resistance. Mainly the materials nylon and polypropylene are used.

## Temperature resistance



The correct function of a wheel or castor also depends on the temperature influence. The relevant tread temperature results from the combined effects of ambient temperature and the heat caused by friction. The degree of friction is determined by the material, shape and load of the tread as well as by direction, length and condition of the covered distance.

For example the load capacity and the stability of synthetics are reduced under cold temperature or heat.

The load capacity and service life of treads considerably decrease with higher temperatures. Further, with high static load and high temperatures the danger of wheel flattening is increased. For this reason, special treads and wheel materials were developed which are also suitable for higher temperatures (refer to heat-resistant wheels and castors on page 376-400).

With lower temperatures the rigidity and hardness of many elastomer treads, especially rubber- and many polyurethane-elastomers, increase considerably, limiting the elastic spring characteristics. As special options polyurethane-elastomers are available which remain elastic and flexible at temperatures down to -30° C as the hardness only slightly increases.

## Antistatic/ Electrically conductive



Antistatic/electrically conductive wheels and castors serve to provide electrostatic discharge which is generated by transport units or the goods being transported.

A wheel or castor is deemed to be electrically conductive if the resistance does not exceed 10<sup>4</sup> Ω (product code suffix: -EL or -ELS).

A wheel or castor is deemed to be antistatic if the resistance does not exceed 10<sup>7</sup> Ω (product code suffix: -AS).

In order to ensure the conductivity of lacquered components such as rims or wheel centres, the paint at the fixing points (the connection to the transport unit) can be removed.

The effectiveness of the conductivity during operation can be affected by a dirty tread or other environmental influences and therefore has to be checked by the operator periodically.

## Chemical resistance.

The chemical resistance of wheels or castors must be considered especially in cases where the components have direct contact with aggressive substances.

The table below shows orientation values concerning the chemical resistance of some materials to chemical substances. Please note that the chemical resistance does not only depend on the type of aggressive substance, but also on the concentration and the duration of contact as well as other environmental conditions such as temperature and humidity.

Chemical compounds may have completely different effects than indicated in the table. We do not accept any legal liability. In case of doubts, questions or concerns, we recommend that you contact us for further technical assistance.

	Concentration %	Rubber	TPE	Nylon	Polypropylene (PP Copo)	Polyurethane (Ester) Extrathane/Softhane	Polyurethane (Ether) Besthane/Besthane Soft	Stainless steel (V2A, 1.4301, AISI 304)
<b>+</b> resistant								
<b>0</b> conditionally resistant								
<b>x</b> not resistant								
<b>L</b> pitting, stress cracks								
<b>-</b> not specified								
Acetaldehyde	40	0	+	0	+	0	+	0(L)
Acetic Acid	10	0	+	x	x	x	x	+
Acetone		+	0	+	+	0	x	+
Acetylene		+	+	+	+	+	+	-
Acrylic Acid >30° C		-	+	x	+	x	x	-
Alcyl Alcohol		+	+	0	+	0	0	+
Alcyl Benzene		x	0	+	0	-	-	+
Aluminium Acetate (aq)		+	+	+	+	x	0	+
Amines, aliphatic		0	0	+	+	x	x	+
Amino Acids		-	-	+	+	-	-	-
Ammonia (aq)	20	+	+	+	+	x	x	+
Ammonium Bicarbonate		-	-	-	+	-	-	+
Ammonium Carbonate (aq)		+	+	-	+	x	x	+
Ammonium Chloride (aq)		+	+	-	+	x	x	0(L)
Ammonium Hydroxide (aq)	10	-	+	-	+	x	x	+
Ammonium Nitrate (aq)		0	+	+	+	0	+	+
Ammonium Rhodanide (aq)		-	-	0	+	0	+	+
Ammonium Salts (aq)		-	-	-	+	-	-	-
Ammonium Sulfate (aq)		0	+	+	+	+	+	+
Amyl Acetate		0	+	+	0	x	x	+
Amyl Alcohol		0	0	+	+	0	0	+
Aniline		x	0	0	+	x	x	+
Antraquinone		-	-	+	+	-	-	-
Antifliming (aq)	10	-	-	+	+	0	+	+
Aqua Regia		x	x	x	x	x	x	x
Barium Salts		+	+	0	+	+	+	0(L)
Beer		+	+	+	+	+	+	+
Benzene		x	x	+	x	x	x	+
Blast Furnace Gas		0	-	-	-	x	x	+
Borax		+	+	+	+	+	+	+
Boric Acid (aq)	10	+	+	0	+	0	+	+
Bromine		x	0	x	x	x	x	x
Butane		x	x	+	+	+	+	+
Butter		x	+	+	+	+	+	+
Calcium Salts (aq)		+	+	x	+	0	0	+
Carbolineum		x	-	+	+	x	x	-
Carbon Monoxide		0	+	+	0	x	x	+
Carbon Tetrachloride		x	x	+	x	x	x	+
Carbonic Acid		+	+	+	+	+	+	+
Casein		-	-	+	-	-	-	-

**Corrosion resistance. Temperature resistance. Antistatic/Electrically conductive. Chemical resistance.**

	Concentration %	Rubber	TPE	Nylon	Polypropylene (PP Copo)	Polyurethane (Ester) Extrathane/Softthane	Polyurethane (Ether) Besthane/Besthane Soft	Stainless steel (V2A, 1.4301, AISI 304)
Chlorine (aq)		x	0	x	x	x	x	x
Chromic Acid (aq)	10	x	0	0	+	x	0	+
Citric Acid (aq)	10	+	+	+	+	+	+	+
Citrus oils		x	-	+	-	-	-	-
Clophen		x	0	+	x	x	x	+
Cobalt Salts (aq)	20	-	+	0	+	-	-	-
Coconut Oil		x	0	+	+	+	+	+
Cottonseed Oil		x	x	+	+	+	+	+
Cresol		x	x	x	0	x	x	+
Cupric Chloride (aq)		+	+	0	+	0	+	x
Cupric Salts (aq)	10	-	+	x	+	0	+	-
Cupric Sulfate (aq)		0	+	0	+	+	+	+
Cyclohexanol		0	0	+	0	0	x	+
Cyclohexanone		0	0	+	0	0	x	+
De-icing salt		+	+	+	+	0	+	+(L)
Dichlorbenzene		x	x	+	0	x	x	+
Dichlorbutylene		x	0	-	-	x	x	-
Diethylen Glycol		+	+	0	+	0	0	+
Dimethyl Aniline		x	0	0	x	x	x	+
Dimethyl Ether		0	0	+	x	+	+	+
Dimethyl Formamide		0	+	+	+	x	0	+
Diphyl, 80° C		x	0	+	x	x	x	+
Ethanol		+	0	0	+	+	+	+
Ethanolamine		0	+	(0)	+	x	x	-
Ether (Diethyl Ether)		x	0	+	x	+	+	+
Ethyl Acetate		0	0	+	0	x	x	(+)
Ethylene		x	x	+	0	+	+	+
Fatty Acids		x	0	+	+	0	+	+
Ferrous Chloride (aq)	10	0	+	x	+	0	+	x
Ferrous Sulfate (aq)	10	+	+	(+)	+	0	+	+
Fluorine		x	x	x	x	x	x	x
Formaldehyde	30	+	+	+	+	0	0	+
Formamide		+	0	+	+	x	x	+
Formic Acid	10	0	+	x	+	x	x	+
Furfural (Furfurol)		x	x	0	x	x	x	+
Gelatin		+	+	+	+	0	+	+
Glacial Acetic Acid	30	x	0	x	x	x	x	+
Glucose		+	+	+	+	+	+	+
Glue		+	+	+	+	+	+	+
Glycerin		+	+	+	+	+	+	+
Glycol		+	+	0	+	0	0	+
Hexane		x	0	+	0	+	+	+
Hydraulic Oil		x	x	+	0	x	x	+
Hydrochloric Acid (aq)	30	0	+	x	+	x	0	x
Ink		+	+	+	+	+	+	+
Iodine Solution		+	+	x	+	x	x	+(L)
Isopropyl Chloride		x	0	+	0	x	x	-
Isopropyl Ether		0	0	x	x	+	+	+
Lactic Acid		x	+	x	+	x	x	0
Lead Acetate (aq)	10	0	+	+	+	0	+	+
Lead Nitrate (aq)		+	+	-	+	+	+	+
Magnesium Salts (aq)	10	+	+	+	+	0	+	+(L)
Malic Acid		0	+	+	+	x	0	+
Manganese Salts (aq)	10	-	+	0	-	-	-	+(L)
Mercury		+	+	+	+	+	+	+
Mercury Chloride (aq)		+	+	x	+	+	+	0(L)
Methyl Alcohol / Methanol		0	+	0	+	+	0	+
Methyl Ethyl Ketone		x	0	+	0	x	x	+
Methylene Chloride		x	x	x	x	x	x	+
Methylpyrrolidone		x	+	-	-	0	0	-
Milk		+	+	+	+	0	+	+
Mineral Oil		x	x	+	0	+	+	+

	Concentration %	Rubber	TPE	Nylon	Polypropylene (PP Copo)	Polyurethane (Ester) Extrathane/Softthane	Polyurethane (Ether) Besthane/Besthane Soft	Stainless steel (V2A, 1.4301, AISI 304)
Monobrombenzene		x	x	+	0	x	x	+
Mortar, cements, lime		+	+	+	+	0	0	+
Mustard		-	-	+	+	+	+	+(L)
Naphthalene		x	0	+	0	0	0	+
Nickel Chloride (aq)	10	+	+	0	+	0	+	+(L)
Nickel Salts (aq)	10	+	+	0	+	0	+	-
Nickel Sulfate (aq)	10	0	+	0	+	0	+	+
Noble gases		+	+	+	+	+	+	+
Oleic Acid		x	0	+	+	0	+	+
Oxalic Acid (aq)	10	0	+	0	+	x	x	0
Ozone, atmospheric concentration		x	0	x	0	+	+	-
Palmitic Acid		x	0	+	0	0	+	+
Paraffine		x	0	+	+	+	+	+
Petrol, Gasoline, Petroleum Ether		x	x	+	0	+	+	+
Petroleum		x	x	+	+	+	+	+
Phenyl Ethyl Ether		x	0	+	0	+	+	+
Phenylbenzene		x	x	-	-	x	x	+
Phosphoric Acid (aq)	10	0	+	x	+	0	+	+
Pine needle oil		x	0	0	+	+	+	+
Pottasium Chloride (aq)	10	0	+	+	+	+	+	+
Pottasium Hydroxide (aq)		0	+	+	+	0	+	+
Pottasium Sulfate		+	+	+	+	+	+	+
Propane		x	0	+	+	+	+	+
Propyl Alcohol		+	0	+	+	0	0	+
Rizinol		+	+	+	+	+	+	+
Seawater		+	+	+	+	0	0	+(L)
Sewages		-	+	+	+	0	0	-
Silver Nitrate (aq)		+	+	+	+	+	+	+
Skydrol		x	x	+	+	x	x	+
Sodium Carbonate (aq)	10	+	+	+	+	x	x	+
Sodium Chloride (aq)	10	0	+	+	+	0	+	+(L)
Sodium Hydroxide (aq)	10	+	+	+	+	x	x	+
Sodium Hypochlorite (aq)	10	x	+	x	0	x	0	0(L)
Sodium Nitrate (aq)	10	+	+	+	+	+	+	+
Sodium Phosphate (aq)	10	+	+	+	+	+	+	+
Sodium Silicate (aq)	10	+	+	+	+	x	0	+
Sodium Sulfate (aq)	10	0	+	+	+	0	+	+
Sodium Sulfide (aq)	10	0	+	+	+	0	0	+
Sodium Thiosulfate (aq)	10	0	+	+	+	0	+	+(L)
Stearic Acid		x	+	+	0	x	+	+
Suds, 80° C		+	+	+	(+)	x	0	+
Sulfurous Acid (aq)		0	+	x	+	x	x	+
Tannic Acid	10	+	+	+	+	0	+	+
Tar, Bituminous		x	0	+	+	+	+	+
Tartaric Acid (aq)	10	+	+	0	+	0	+	+
Toluene		x	x	+	x	x	x	+
Trichlorethylene		x	x	0	0	x	x	+
Turpentine		x	x	+	x	x	x	+
Uranium Fluoride		-	-	x	-	-	-	-
Uric Acid (aq)	10	+	+	+	+	0	-	+(L)
Urine		+	+	+	+	0	+	+(L)
Vaseline		x	0	+	0	+	+	+
Vegetable Oil		x	x	+	0	+	+	+
Water, hot		0	+	+	(+)	x	+	+
Water, cold		+	+	+	+	+	+	+
Wax, 80° C		-	-	+	(+)	+	+	+
Xylene		x	x	+	x	x	x	+
Zinc Chloride (aq)	10	+	+	0	+	x	x	x
Zinc Rhodanide (aq)	30	-	-	x	-	-	-	-



## Material description - treads

	Tread material	Material description	Options
<b>Rubber</b> <small>PAH conform in acc. to EU-directive 2005/69/EC, i.e. free of polycyclic aromatic hydrocarbons</small>	Solid rubber	<p>Solid rubber tyres are universally suitable, vibration-absorbing, shock-resistant, very floor-preserving and resistant to many aggressive substances, except oils (refer to 'Chemical resistance', page 36-37). Colour black, grey or dark grey. Solid rubber tyres are suitable at temperatures between -30° C and +80° C. The hardness is 80°+5°/-10° shore A.</p> <p>For high temperature applications up to +260° C special heat-resistant tyres are used.</p>	<ul style="list-style-type: none"> <li>■ Non-marking, grey</li> <li>■ Electrically conductive, leak resistance &lt;10<sup>4</sup> Ω</li> </ul>
	Thermoplastic rubber-elastomer (TPE)	<p>Thermoplastic rubber-elastomers are floor-preserving, non-marking and offer a high operational comfort, low-noise operation, low rolling and swivel resistance and are resistant to many aggressive substances (refer to 'Chemical resistance', page 36-37). Colour grey. Thermoplastic rubber-elastomers are suitable at temperatures between -20° C and +60° C. The hardness is 85°±3° shore A.</p> <p>This material contains traces of oil. On absorbent surfaces this can cause some staining.</p>	<ul style="list-style-type: none"> <li>■ Electrically conductive, non-marking, grey, leak resistance &lt;10<sup>4</sup> Ω</li> </ul>
	Soft rubber	<p>'Blickle Soft' soft rubber tyres are characterized by a specially developed, highly elastic, soft rubber compound. These tyres are exceptionally floor-preserving, vibration-absorbing and resistant to many aggressive substances except oils (refer to 'Chemical resistance', page 36-37). They also offer highest operational comfort, low rolling resistance on uneven surfaces and are suitable as puncture-proof replacements of pneumatic tyres. Colour black. 'Blickle Soft' soft rubber tyres are suitable at temperatures between -30° C and +80° C. The hardness is 50°+5° shore A.</p>	<ul style="list-style-type: none"> <li>■ Non-marking, grey</li> </ul>
	Two-component solid rubber	<p>'Blickle Comfort' two-component solid rubber tyres are very floor-preserving, vibration-absorbing and resistant to many aggressive substances except oils (refer to 'Chemical resistance', page 36-37). Colour black. 'Blickle Comfort' two-component solid rubber tyres are suitable at temperatures between -30° C and +80° C. Due to the special structure with hard rubber core (90° shore A hardness) and highly elastic rubber tread (65°±4° shore A), they have a higher load capacity and a lower starting and rolling resistance than solid rubber and offer a very high operational comfort.</p>	<ul style="list-style-type: none"> <li>■ Non-marking, grey (hardness: 56°±4° shore A)</li> </ul>
	Elastic solid rubber	<p>Elastic solid rubber tyres are characterized by a special rubber compound. These tyres are very floor-preserving, vibration-absorbing, offer a particularly high load capacity, very high operational comfort and are resistant to many aggressive substances except oils (refer to 'Chemical resistance', page 36-37). Colour black. Elastic solid rubber tyres are suitable at temperatures between -30° C and +80° C, temporarily up to +100° C and are available in two versions:</p> <ul style="list-style-type: none"> <li>■ Smooth rolling quality: This version is characterized by a particularly low starting and rolling resistance with high abrasion resistance. The hardness is 65°±3° shore A.</li> <li>■ Drive-quality: This version has a very high abrasion resistance with low starting and rolling resistance. The hardness is 65°±3° shore A.</li> </ul>	<ul style="list-style-type: none"> <li>■ Non-marking, grey</li> <li>■ Non-marking, blue</li> <li>■ Non-marking, natural colour</li> <li>■ Friction wheel quality, 70°±5° shore A</li> <li>■ Electrically conductive, leak resistance &lt;10<sup>4</sup> Ω</li> </ul>
	Pneumatic tyres	<p>Pneumatic tyres are made of rubber, are exceptionally floor-preserving, vibration-absorbing and resistant to many aggressive substances except oils (refer to 'Chemical resistance', page 36-37). These tyres also offer highest operational comfort and a low rolling resistance on uneven surfaces. The tyre thickness (strength of the carcass) is indicated by the ply rating number. The higher the ply rating number, the better the strength. Light tyres have a ply rating of 2 to 4, heavy tyres 6 to 10. The strength of the carcass determines the maximum tyre pressure and the load capacity. In order to ensure an optimum efficiency and a long service life, the tyre pressure values specified in the respective tables must be therefore strictly adhered to and regularly checked. A tyre pressure which is either too high or low can damage or destroy the tyre. Colour black. Pneumatic tyres are suitable at temperatures between -30° C and +50° C. Wheel or tyre dimensions are valid for unloaded, new tyres and may slightly change in width and diameter during operation.</p>	<ul style="list-style-type: none"> <li>■ Non-marking, grey</li> </ul>
	Super-elastic solid rubber	<p>Super-elastic solid rubber tyres are multi-component tyres. The rubber core consists of a hard and tough rubber compound with reinforced steel-wire which ensures a firm tyre seat on the rim even with high loads. A highly elastic cushion layer ensures a low tyre temperature even with high loads and at high speeds. The thick, abrasion-resistant tread protects the tyre against external damages and guarantees a long service life. Based on the special structure, the tyre is particularly suitable for extremely rough conditions. These tyres are very floor-preserving, vibration-absorbing and resistant to many aggressive substances except oils (refer to 'Chemical resistance', page 36-37). Colour black. Super-elastic solid rubber tyres are suitable at temperatures between -30° C and +80° C, temporarily up to +100° C. They also offer high operational comfort and a low rolling resistance on uneven surfaces. The advantages over pneumatic tyres are as follows: Puncture-proof and maintenance-free, good stability, structural stability, precise steering behaviour and an abrasion-resistant tread. Wheel or tyre dimensions are valid for unloaded, new tyres and may slightly change in width and diameter during operation.</p>	<ul style="list-style-type: none"> <li>■ Non-marking</li> <li>■ Antistatic, leak resistance ≤10<sup>7</sup> Ω</li> </ul>

## Material description - treads

	Tread material	Material description	Options
Rubber PAH conform	Silicone rubber	Heat-resistant silicone-elastomer is very floor-preserving, non-marking, abrasion-resistant, highly elastic, suitable for autoclaves, does not degrade over time, odourless, tasteless, physiologically harmless and resistant to many aggressive substances and UV radiation. The material is, however, not resistant to strong lyes, chlorinated and aromatic hydrocarbons. Silicone-elastomers only have moderate mechanical characteristics. They offer a very high operational comfort and only insignificant permanent deformation. Colour black. Heat-resistant silicone-elastomer is suitable at temperatures between -30° C and +250° C. The hardness is 75°±4° shore A.	<ul style="list-style-type: none"> <li>■ Non-marking, grey</li> </ul>
	Thermoplastic polyurethane (TPU)	Thermoplastic, injection-moulded polyurethane-elastomer (TPU) is based on polyesterpolyol (PATH, POT, FPU series) or polyetherpolyol (FPTH series), diisocyanate and glycol. It is floor-preserving, vibration-absorbing, non-marking, non-staining, elastic, very abrasion-resistant and resistant to many aggressive substances, however, only conditionally resistant to hot water and water vapour (refer to 'Chemical resistance', page 36-37). It has also a low rolling resistance. Colour dark grey. Thermoplastic polyurethane is suitable at temperatures between -30° C and +70° C, temporarily up to +90° C. At ambient temperatures above +35° C the load capacity is reduced. The hardness is 92°±3°, 94°±3° resp. 98°±2° shore A. Wheels with polyetherpolyol (FPTH series) are hydrolysis resistant (refer to 'Chemical resistance', page 36-37).	<ul style="list-style-type: none"> <li>■ Electrically conductive, non-marking, grey, leak resistance &lt;10<sup>4</sup> Ω</li> </ul>
Polyurethane	Blickle Softhane® polyurethane-elastomer	Blickle Softhane® is a reaction-injected polyurethane-elastomer, based on polyesterpolyol, diisocyanate and glycol. It is very floor-preserving, vibration-absorbing, non-marking, non-staining, very abrasion-resistant, elastic and resistant to many aggressive substances and UV radiation, but not resistant to hot water, water vapour, hot, humid air and aromatic solvents (refer to 'Chemical resistance', page 36-37). It also offers a very high operational comfort, a low rolling resistance and a negligible heating under dynamic load. Colour green. Blickle Softhane® is suitable at temperatures between -30° C and +70° C, temporarily up to +90° C. At ambient temperatures under -10° C the rigidity increases. The hardness is 75°±5° shore A.	<ul style="list-style-type: none"> <li>■ Antistatic, non-marking, grey, leak resistance ≤10<sup>7</sup> Ω</li> </ul>
	Blickle Besthane® Soft polyurethane-elastomer	Blickle Besthane® Soft is a reaction-injected polyurethane-elastomer, based on polyetherpolyol, diisocyanate and diol. It is very floor-preserving, non-marking, non-staining, very abrasion-resistant, elastic and resistant to many aggressive substances and UV radiation (refer to 'Chemical resistance', page 36-37). It also offers a very high operational comfort, exceptionally insignificant permanent deformation, very low rolling resistance, negligible heating under dynamic load, hydrolysis resistance and is particularly suitable for higher speeds up to 16 km/h. Colour blue. Blickle Besthane® Soft is suitable at temperatures between -30° C and +70° C, temporarily up to +90° C. The hardness is 75°±5° shore A.	
	Blickle Extrathane® polyurethane-elastomer	Blickle Extrathane® is a reaction-injected polyurethane-elastomer, based on polyesterpolyol, diisocyanate and glycol. It is floor-preserving, non-marking, non-staining, very abrasion-resistant, elastic and resistant to many aggressive substances and UV radiation, but not resistant to hot water, water vapour, hot, humid air and aromatic solvents (refer to 'Chemical resistance', page 36-37). It also offers exceptionally insignificant permanent deformation, low rolling resistance and negligible heating under dynamic load. Colour light brown. Blickle Extrathane® is suitable at temperatures between -30° C and +70° C, temporarily up to +90° C. At ambient temperatures under -10° C the rigidity increases. The hardness is 92°±3° shore A.	<ul style="list-style-type: none"> <li>■ Antistatic, non-marking, grey, leak resistance ≤10<sup>7</sup> Ω</li> </ul>
	Blickle Besthane® polyurethane-elastomer	Blickle Besthane® is a reaction-injected polyurethane-elastomer, based on polyetherpolyol, diisocyanate and diol. It is floor-preserving, non-marking, non-staining, very abrasion-resistant, elastic and resistant to many aggressive substances and UV radiation (refer to 'Chemical resistance', page 36-37). It also offers exceptionally insignificant permanent deformation, very low rolling resistance, negligible heating under dynamic load, hydrolysis resistance and is particularly suitable at speeds up to 16 km/h. Colour brown. Blickle Besthane® is suitable at temperatures between -30° C and +70° C, temporarily up to +90° C. The hardness is 92°±3° shore A.	

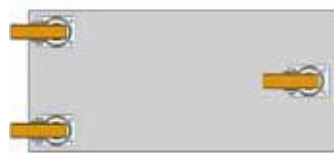
## Material description - treads

	Tread material	Material description	Options
<b>Synthetics</b>	Nylon	<p>Nylon is a thermoplastic synthetic material which is impact-resistant, non-marking, non-staining, corrosion-resistant, very abrasion-resistant, odourless, tasteless, hygienic and resistant to many aggressive substances, except mineral acids, oxidants, chlorinated hydrocarbons and heavy-metal saline solutions (refer to 'Chemical resistance', page 36-37). It also offers a very low rolling resistance. Nylon absorbs and emits humidity, therefore dimension variations, depending on the humidity and temperature of the environment, are possible. Colour natural white or black.</p> <p>Nylon is suitable at temperatures between -40° C and +80° C, temporarily higher temperatures are permissible. At ambient temperatures above +35° C the load capacity is reduced. For high temperature applications up to +250° C a special heat-resistant nylon is used. Colour grey. The hardness is 70°±5° shore D or 85°±5° shore D at special heat-resistant nylon.</p>	<ul style="list-style-type: none"> <li>■ Electrically conductive, non-marking, grey, leak resistance &lt;math&gt;&lt;10^4 \Omega&lt;/math&gt;</li> <li>■ Natural colour (special heat-resistant nylon up to +170° C)</li> </ul>
	Cast nylon	<p>Cast nylon is a thermoplastic, reaction-injected synthetic material. It is impact-resistant, non-marking, non-staining, corrosion-resistant, very abrasion-resistant, odourless, tasteless, hygienic and resistant to many aggressive substances except mineral acids, oxidants, chlorinated hydrocarbons and heavy-metal saline solutions (refer to 'Chemical resistance', page 36-37). In regards to load capacity, tension and pressure strength, elasticity, form stability and humidity absorption cast nylon achieves better results than injection-moulded nylon. It also offers a very low rolling resistance. Colour natural beige.</p> <p>Cast nylon is suitable at temperatures between -40° C and +80° C, temporarily higher temperatures are permissible. At ambient temperatures above +35° C the load capacity is reduced. The hardness is 80°±3° shore D.</p> <p>The relatively high floor pressure should be considered for pressure-sensitive floors.</p>	
	Polypropylene	<p>Polypropylene is a thermoplastic synthetic material. It is impact-resistant, non-marking, non-staining, corrosion-resistant, odourless, tasteless, physiologically harmless and resistant to many aggressive substances except strong oxidants and halogenated hydrocarbons (refer to 'Chemical resistance', page 36-37). It also offers a low rolling resistance and does not absorb humidity. In aliphatic and aromatic hydrocarbons expansions may occur, especially at increased temperatures. Colour natural white.</p> <p>Polypropylene is suitable at temperatures between -20° C and +60° C. At ambient temperatures above +30° C the load capacity is reduced. The hardness is 60°±5° shore D.</p>	<ul style="list-style-type: none"> <li>■ Electrically conductive, leak resistance &lt;math&gt;&lt;10^4 \Omega&lt;/math&gt;</li> <li>■ Colour black</li> </ul>
	Phenolic resin	<p>Phenolic resin is a thermoset nylon. The material has a very high static load capacity and is corrosion-resistant, suitable for highest thermal requirements and resistant to many aggressive substances except strong acids and lyes. Phenolic wheels are only conditionally suitable for uneven floors and crossing thresholds due to the high abrasion and the limited mechanical stability of phenolic resin. Colour black.</p> <p>Phenolic resin is suitable at temperatures between -35° C and +260° C, temporarily up to +300° C. The hardness is 90°±3° shore D.</p>	
<b>Metal</b>	Cast iron	<p>Rugged, lamellar grey cast iron EN-GJL-250 (GG 25) in acc. to DIN EN 1561 or ductile cast iron in acc. to DIN EN 1563, extremely wear-resistant, very high load capacity, tensile strength and hardness remain almost constant over a wide temperature range (-100° C to +300° C), oil-resistant. Cast iron is suitable at temperatures between -100° C and +600° C. The graphite embedded in the cast iron ensures some rotation for plain bores even without grease and reduces the sensitivity to corrosion. The hardness is 180 - 220 HB.</p> <p>The relatively high floor pressure should be considered for pressure-sensitive floors.</p>	
	Steel	<p>Mild steel, that is particularly suitable for wheels, extremely pressure and wear-resistant, extremely high static and dynamic load capacity. Tensile strength and hardness remain almost constant over a wide temperature range, oil-resistant.</p> <p>Steel is suitable at temperature between -100° C and +600° C. The hardness is 190 - 230 HB.</p> <p>The relatively high floor pressure should be considered for pressure-sensitive floors.</p>	



## Manoeuvrability

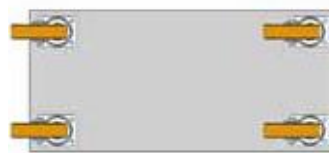
Depending on the requirements placed upon the manoeuvrability of appliances/machines, the castors must be positioned accordingly. The various possibilities for castor arrangement are described in the following section.



**Three swivel castors of identical mounting height**

For small loads and confined areas. The appliance is easily manoeuvrable in all directions. When travelling straight, the appliance is relatively hard to control. This can be improved by fitting a directional lock to one of the three swivel castors. With this arrangement, the appliance tends to tilt.

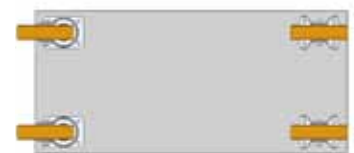
Load capacity	**
Mobility	*****
Guidance at straight travelling	**
Turning circle	****
Capsizing stability	*



**Four swivel castors of identical mounting height**

For confined areas. The appliance is easily manoeuvrable in all directions. When travelling straight, the appliance is relatively hard to control. This can be improved by fitting directional locks to two of the swivel castors.

Load capacity	****
Mobility	*****
Guidance at straight travelling	**
Turning circle	****
Capsizing stability	***



**Two swivel and two fixed castors all of identical height**

This is the most frequently used castor arrangement. Suitable for towing operations. Straight line travelling as well as cornering can be handled very well. In confined areas, the appliance is hard to manoeuvre. Alternatively, one wheel set, i.e. two wheels on one axle, may be fitted instead of the fixed castors.

Load capacity	****
Mobility	***
Guidance at straight travelling	****
Turning circle	**
Capsizing stability	****



**Four fixed castors, with the centre castors having a slightly higher mounting height**

Cost-favourable castor arrangement. Straight travelling can be handled very well. By a load arrangement over the central fixed castors, the appliance can be steered relatively easy and turned on the spot. With this castor arrangement the appliance has a tendency to tilt and bounce. Alternatively, one wheel set, i.e. two wheels on one axle, may be fitted instead of the central fixed castors.

Load capacity	***
Mobility	**
Guidance at straight travelling	*****
Turning circle	*****
Capsizing stability	**



**Two swivel and two fixed castors, with the fixed castors having a slightly higher height**

Suitable for towing operations. Straight line travelling as well as cornering can be handled very well and turned on the spot easily. With this castor arrangement the appliance has a tendency to tilt and bounce. Alternatively, one wheel set, i.e. two wheels on one axle, may be fitted instead of the central fixed castors.

Load capacity	***
Mobility	****
Guidance at straight travelling	*****
Turning circle	*****
Capsizing stability	**



**Four swivel and two fixed castors of identical mounting height**
















Costly castor arrangement, suitable for towing operations. Straight line travelling as well as cornering can be handled very well, turned on the spot easily and is particularly suitable for heavy loads and long appliances. A constant contact of the fixed castors to the floor is mandatory for ensuring the steerability. Alternatively, one wheel set, i.e. two wheels on one axle, may be fitted instead of the central fixed castors.

Load capacity	*****
Mobility	***
Guidance at straight travelling	*****
Turning circle	*****
Capsizing stability	*****

## Blickle wheel series

Wheels for light duty castors and castors for transport equipment







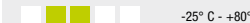















Series	TPA	VPA	VGA	PATH
<b>Wheel Ø</b>	50 - 200 mm	49 - 150 mm	100 - 125 mm	50 - 200 mm
<b>Load capacity</b>	50 - 250 kg	40 - 130 kg	90 - 100 kg	75 - 500 kg
<b>Tread / Tyre</b>	High-quality thermoplastic rubber-elastomer (TPE), grey, containing traces of oil. (Material description page 38)	High-quality solid rubber, grey. (Material description page 38)	High-quality solid rubber, dark grey. (Material description page 38)	High-quality thermoplastic polyurethane, dark grey. (Material description page 39)
<b>Wheel centre / rim</b>	High-quality, impact-resistant polypropylene, silver grey (black for '-ELS' version).	High-quality, impact-resistant nylon or polypropylene for '-EL' version, black.	High-quality, impact-resistant polypropylene, silver grey.	High-quality, impact-resistant nylon, silver grey.
<b>Connection tread / tyre with wheel centre / rim</b>	Chemically bonded.	Pressed-on tyre.	Injection-moulded rim.	Chemically bonded.
<b>Tread &amp; tyre hardness</b>	 85° ±3° shore A	 80° ±4° shore A	 80° ±4° shore A	 94° ±3° shore A
<b>Temperature resistance</b>	 -20° C - +60° C	 -20° C - +60° C	 -20° C - +60° C	 -25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	 very good	 good	 good	 very good
<b>Operating noise</b>	 good	 very good	 very good	 good
<b>Floor surface preservation</b>	 good	 very good	 very good	 good
<b>Non-marking</b>	✓	✓	✓	✓
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Roller bearing</li> <li>■ Ball bearing</li> <li>■ Central ball bearing (C)</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Central ball bearing (C)</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Roller bearing</li> <li>■ Central ball bearing (C)</li> </ul>
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Electrically conductive, non-marking grey (-ELS)</li> <li>■ Ball bearing seals (-KD)</li> <li>■ Stainless steel roller bearing (-XR)</li> </ul>	<ul style="list-style-type: none"> <li>■ Electrically conductive, black tyre, marking (-EL)</li> <li>■ Thread guard (-FA)</li> </ul>		<ul style="list-style-type: none"> <li>■ Electrically conductive, non-marking grey (-ELS)</li> <li>■ Ball bearing seals (-KD)</li> <li>■ Stainless steel roller bearing (-XR)</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +30° C the load capacity is reduced.</li> <li>■ Wheels with ball bearing (C) with integrated synthetic thread guard as standard.</li> <li>■ Containing traces of oil, some staining possible.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +30° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +30° C the load capacity is reduced.</li> <li>■ Wheels with ball bearing (C) with integrated synthetic thread guard as standard.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +35° C the load capacity is reduced.</li> <li>■ Wheels with ball bearing (C) with integrated synthetic thread guard as standard.</li> </ul>
<b>Page</b>	88, 145	93	93, 148	99, 208

## Blickle wheel series

### Wheels for light duty castors and castors for transport equipment










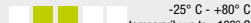






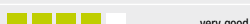
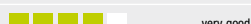




Series	POA	VE	V	VPP / VPE
<b>Wheel Ø</b>	35 - 150 mm	80 - 200 mm	80 - 400 mm	80 - 400 mm
<b>Load capacity</b>	75 - 280 kg	50 - 205 kg	50 - 800 kg	50 - 350 kg
<b>Tread / Tyre</b>	High-quality, impact-resistant nylon, black. (Material description page 40)	Standard solid rubber, black. (Material description page 38)	Standard solid rubber, black. (Material description page 38)	Standard solid rubber, black. (Material description page 38)
<b>Wheel centre / rim</b>		Pressed steel rim, zinc-plated, blue-passivated, Cr6-free.	Pressed steel rim with tubular steel hub, bolted or pressed, zinc-plated, blue-passivated, Cr6-free.	High-quality, impact-resistant polypropylene or nylon, black or dark grey.
<b>Connection tread / tyre with wheel centre / rim</b>		Tyre pressed with rim.	Tyre pressed with rim.	Pressed-on tyre.
<b>Tread &amp; tyre hardness</b>	 70° ±5° shore D	 80° +5°/-10° shore A	 80° +5°/-10° shore A	 80° +5°/-10° shore A
<b>Temperature resistance</b>	 -25° C - +80° C	 -25° C - +80° C	 -25° C - +80° C	 -20° C - +60° C
<b>Rolling resistance</b>	 excellent	 reasonable	 reasonable	 reasonable
<b>Operating noise</b>	 reasonable	 very good	 very good	 very good
<b>Floor surface preservation</b>	 reasonable	 very good	 very good	 very good
<b>Non-marking</b>	✓	Optional	Optional	Optional
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Ball bearing</li> <li>■ Central ball bearing (C)</li> </ul>	<ul style="list-style-type: none"> <li>■ Roller bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Roller bearing</li> <li>■ Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Roller bearing</li> <li>■ Ball bearing</li> </ul>
<b>Options</b>		<ul style="list-style-type: none"> <li>■ Non-marking, grey tyre (-SG)</li> <li>■ Electrically conductive (-EL)</li> <li>■ Thread guard (-FA)</li> </ul>	<ul style="list-style-type: none"> <li>■ Non-marking, grey tyre (-SG)</li> <li>■ Electrically conductive (-EL)</li> <li>■ Thread guard (-FA)</li> </ul>	<ul style="list-style-type: none"> <li>■ Non-marking, grey tyre (-SG)</li> <li>■ Stainless steel roller bearing (-XR)</li> <li>■ Red centre (-ROT)</li> <li>■ STARLOCK® stainless steel cap (ST-KA...)</li> <li>■ Thread guard (-FA)</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +35° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +60° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +60° C the load capacity is reduced.</li> <li>■ Pressed rim: Special shock and impact-resistant design.</li> </ul> <p><b>Design award</b> (‘Die gute Industrieform’)</p>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +30° C the load capacity is reduced.</li> <li>■ Wheel 80 x 32 mm: Tyre hardness 90°±5° shore A</li> <li>■ VPE wheel 260 x 85 mm: Tyre hardness 55°±5° shore A</li> </ul>
<b>Page</b>	104	132	136-137	139-140



## Blickle wheel series

### Wheels for transport equipment and heavy duty castors



Series	VW	VWPP	RD	POEV
<b>Wheel Ø</b>	125 - 260 mm	125 - 260 mm	100 - 280 mm	80 - 300 mm
<b>Load capacity</b>	50 - 200 kg	50 - 200 kg	100 - 650 kg	140 - 650 kg
<b>Tread / Tyre</b>	'Blickle Soft' soft rubber, round profile, black. Wheel Ø 260 mm additionally with a hard rubber core. (Material description page 38)	'Blickle Soft' soft rubber, round profile, black. Wheel Ø 260 mm additionally with a hard rubber core. (Material description page 38)	'Blickle Comfort' two-component solid rubber, hard rubber core and highly elastic tread, black. (Material description page 38)	High-quality elastic solid rubber, in smooth rolling quality 'Blickle EasyRoll', black. (Material description page 38)
<b>Wheel centre / rim</b>	Pressed steel rim with tubular steel hub, bolted or pressed, zinc-plated, blue-passivated, Cr6-free.	High-quality, impact-resistant polypropylene, black.	Pressed steel rim with tubular steel hub, bolted or pressed, zinc-plated, blue-passivated, Cr6-free.	High-quality, impact-resistant nylon, black.
<b>Connection tread / tyre with wheel centre / rim</b>	Tyre pressed with rim.	Pressed-on tyre.	Tyre pressed with rim.	Vulcanised tyre.
<b>Tread &amp; tyre hardness</b>	 50° +5° shore A	 50° +5° shore A	 65° ±4° shore A	 65° ±3° shore A
<b>Temperature resistance</b>	 -25° C - +80° C	 -20° C - +60° C	 -25° C - +80° C	 -25° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	 good	 good	 good	 very good
<b>Operating noise</b>	 excellent	 excellent	 very good	 very good
<b>Floor surface preservation</b>	 excellent	 excellent	 very good	 very good
<b>Non-marking</b>	Optional	Optional	Optional	Optional
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)	<ul style="list-style-type: none"> <li>■ Roller bearing</li> <li>■ Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Roller bearing</li> <li>■ Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Roller bearing</li> <li>■ Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Roller bearing</li> <li>■ Ball bearing</li> <li>■ Central ball bearing (C)</li> </ul>
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Non-marking, grey tyre (-SG)</li> <li>■ Thread guard (-FA)</li> </ul>	<ul style="list-style-type: none"> <li>■ Non-marking, grey tyre (-SG)</li> <li>■ Stainless steel roller bearing (-XR)</li> <li>■ Thread guard (-FA)</li> </ul>	<ul style="list-style-type: none"> <li>■ Non-marking, grey tyre, 56° shore A (-VLI)</li> <li>■ Thread guard (-FA)</li> </ul>	<ul style="list-style-type: none"> <li>■ Non-marking, grey tyre (-SG)</li> <li>■ Non-marking, blue tyre (-SB)</li> <li>■ Electrically conductive (-EL)</li> <li>■ Stainless steel roller bearing (-XR)</li> <li>■ Stainless steel ball bearing (-XK)</li> <li>■ Ball bearing seals (-KD)</li> <li>■ Stainless steel ball bearing and synthetic cover (-XKA)</li> <li>■ Thread guard (-FA)</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +60° C the load capacity is reduced.</li> <li>■ Pressed rim: Special shock and impact-resistant design.</li> </ul> <p><b>Design award</b> (‘Die gute Industrieform’)</p>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +30° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +60° C the load capacity is reduced.</li> <li>■ Pressed rim: Special shock and impact-resistant design.</li> </ul> <p><b>Design award</b> (‘Die gute Industrieform’)</p>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +35° C the load capacity is reduced.</li> <li>■ Electrically conductive option (-EL) with increased rolling resistance.</li> </ul>
<b>Page</b>	154	156	158	164

**Blickle wheel series**

## Wheels for transport equipment and heavy duty castors























Series	ALEV	SE	GEV	DS
<b>Wheel Ø</b>	100 - 250 mm	80 - 415 mm	250 - 620 mm	300 - 620 mm
<b>Load capacity</b>	200 - 650 kg	200 - 1150 kg	725 - 3000 kg	1500 - 6000 kg
<b>Tread / Tyre</b>	High-quality elastic solid rubber, in smooth rolling quality 'Blickle EasyRoll', black. (Material description page 38)	High-quality elastic solid rubber, in smooth rolling quality 'Blickle EasyRoll', black. (Material description page 38)	High-quality elastic solid rubber, in smooth rolling quality, black. (Material description page 38)	High-quality elastic solid rubber, in smooth rolling quality, black. (Material description page 38)
<b>Wheel centre / rim</b>	Die-cast aluminium.	Pressed thick-walled steel, triple-welded, with tubular steel hub, lacquered, anthracite. Wheel Ø 80 - 125 mm: High-quality, impact-resistant and reinforced nylon, black.	Grey cast iron, with grease nipple, lacquered, anthracite.	Very strong welded steel construction, with tubular steel hub and grease nipple, lacquered, anthracite.
<b>Connection tread / tyre with wheel centre / rim</b>	Vulcanised tyre.	Vulcanised or steel-wire reinforced tyre, pressed-on.	Steel-wire reinforced tyre, pressed-on.	Steel-wire reinforced tyre, pressed-on.
<b>Tread &amp; tyre hardness</b>	65° ±3° shore A	65° ±3° shore A	65° ±3° shore A	65° ±3° shore A
<b>Temperature resistance</b>	-25° C - +80° C temporarily up to +100° C	-25° C - +80° C temporarily up to +100° C	-25° C - +80° C temporarily up to +100° C	-25° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	very good	very good	very good	very good
<b>Operating noise</b>	very good	very good	very good	very good
<b>Floor surface preservation</b>	very good	very good	very good	very good
<b>Non-marking</b>	Optional	Optional	Optional	—
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)	<ul style="list-style-type: none"> <li>Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>Plain bore</li> <li>Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>Ball bearing</li> </ul>
<b>Options</b>	<ul style="list-style-type: none"> <li>Non-marking, grey tyre (-SG)</li> <li>Electrically conductive (-EL)</li> <li>Stainless steel ball bearing (-XK)</li> </ul>	<ul style="list-style-type: none"> <li>Non-marking, grey tyre (-SG)</li> <li>Grease nipple (-NI)</li> </ul>	<ul style="list-style-type: none"> <li>Non-marking, natural colour tyre (-SN)</li> <li>Hub cap if used as end wheel (-E)</li> <li>Drive wheel with hub keyway (refer to GEVN series)</li> <li>Hub fitting wheel (refer to GEVA series)</li> </ul>	<ul style="list-style-type: none"> <li>Hub cap if used as end wheel (-E)</li> <li>Drive wheel with hub keyway, DSN series</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>At ambient temperatures above +60° C the load capacity is reduced.</li> <li>Electrically conductive option (-EL) with increased rolling resistance.</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +60° C the load capacity is reduced.</li> <li>Wheel centre is particularly resistant to dirt, shocks and impact loads.</li> <li>With a reduced load capacity, max. speeds of up to 10 km/h are permissible.</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +60° C the load capacity is reduced.</li> <li>The wheel centre is approx. 4 mm wider than the indicated wheel width.</li> <li>With a reduced load capacity, max. speeds of up to 16 km/h are permissible.</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +60° C the load capacity is reduced.</li> <li>With a reduced load capacity, max. speeds of up to 16 km/h are permissible.</li> </ul>
<b>Page</b>	171, 445	180	187	189

## Blickle wheel series

### Wheels for transport equipment and heavy duty castors





Series	P	PS	PK	VLE
<b>Wheel Ø</b>	180 - 490 mm	300 - 536 mm	200 - 400 mm	250 - 525 mm
<b>Load capacity</b>	75 - 525 kg	450 - 1300 kg	75 - 250 kg	450 - 1885 kg
<b>Tread / Tyre</b>	Pneumatic tyres with ribbed or zig-zag profile, 2 or 4 ply rating, black. (Material description page 38)	Pneumatic tyres with zig-zag profile, 6-10 ply rating, black. (Material description page 38)	Pneumatic tyres with ribbed or zig-zag profile, 2 ply rating, black. (Material description page 38)	Super-elastic solid rubber, 2- or 3-component tyre, tough and hard rubber core, steel-wire reinforced, super-elastic, abrasion-resistant tread, black. (Material description page 38)
<b>Wheel centre / rim</b>	Bolted flat based rim or triple-welded drop based rim, zinc-plated, blue-passivated, Cr6-free or lacquered, silver.	Heavy pressed steel rim, pressed and bolted, with welded tubular steel hub, zinc-plated, blue-passivated, Cr6-free.	High-quality, impact-resistant polypropylene, black.	Heavy pressed steel rim, pressed and bolted, with welded tubular steel hub or reinforced rim version, zinc-plated, blue-passivated, Cr6-free.
<b>Connection tread / tyre with wheel centre / rim</b>	Tyre mounted on rim.	Tyre mounted on rim.	Tyre mounted on rim.	Steel-wire reinforced tyre, mounted on rim.
<b>Tread &amp; tyre hardness</b>	 60° ±5° shore A	 60° ±5° shore A	 60° ±5° shore A	 70° ±4° shore A
<b>Temperature resistance</b>	 -25° C - +50° C	 -25° C - +50° C	 -20° C - +40° C	 -25° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	 good	 good	 good	 good
<b>Operating noise</b>	 excellent	 excellent	 excellent	 very good
<b>Floor surface preservation</b>	 excellent	 excellent	 excellent	 very good
<b>Non-marking</b>	Optional	—	Optional	Optional
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Roller bearing</li> <li>■ Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Roller bearing</li> <li>■ Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Ball bearing</li> </ul>
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Non-marking, grey tyre (-SG)</li> <li>■ Puncture-proof, foam-filled tyre (-AG), slightly reduced deflection and operational comfort.</li> <li>■ Hub cap if used as end wheel (-E)</li> <li>■ Puncture-proof soft rubber wheel (refer to VW series)</li> <li>■ Hub fitting wheel (refer to PA series)</li> </ul>	<ul style="list-style-type: none"> <li>■ Hub cap if used as end wheel (-E)</li> </ul>	<ul style="list-style-type: none"> <li>■ Non-marking, grey tyre (-SG)</li> <li>■ Red centre (-ROT)</li> <li>■ Puncture-proof soft rubber wheel (refer to VWPP series)</li> </ul>	<ul style="list-style-type: none"> <li>■ Non-marking tyre (-SN)</li> <li>■ Antistatic, black tyre (-AS)</li> <li>■ Hub cap if used as end wheel (-E)</li> <li>■ Hub fitting wheel (refer to VLEA series)</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ With a reduced load capacity, max. speeds of up to 16 km/h are permissible.</li> <li>■ Wheel width and wheel Ø may increase during operation.</li> </ul>	<ul style="list-style-type: none"> <li>■ With a reduced load capacity, max. speeds of up to 25 km/h are permissible.</li> <li>■ Wheel width and wheel Ø may increase during operation.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +30° C the load capacity is reduced.</li> <li>■ Wheel width and wheel Ø may increase during operation.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +60° C the load capacity is reduced.</li> <li>■ Wheel width and wheel Ø may increase during operation.</li> <li>■ With a reduced load capacity, max. speeds of up to 25 km/h are permissible.</li> <li>■ Puncture-proof and maintenance-free</li> </ul>
<b>Page</b>	192-193	195	197	202



## Blickle wheel series

### Wheels for transport equipment and heavy duty castors



Series	POTH	ALST	GST	ALBS
<b>Wheel Ø</b>	75 - 250 mm	80 - 300 mm	125 - 300 mm	80 - 300 mm
<b>Load capacity</b>	200 - 1000 kg	180 - 1150 kg	450 - 1800 kg	180 - 1150 kg
<b>Tread / Tyre</b>	High-quality thermoplastic polyurethane, dark grey. (Material description page 39)	High-quality polyurethane-elastomer Blickle Softhane®, green. (Material description page 39)	High-quality polyurethane-elastomer Blickle Softhane®, green. (Material description page 39)	High-quality polyurethane-elastomer Blickle Besthane® Soft, blue. (Material description page 39)
<b>Wheel centre / rim</b>	High-quality, impact-resistant nylon, natural white.	Die-cast aluminium.	Grey cast iron, wheel Ø 160 mm or larger with grease nipple, lacquered, silver.	Die-cast aluminium.
<b>Connection tread / tyre with wheel centre / rim</b>	Chemically bonded.	Casted tread.	Casted tread.	Casted tread.
<b>Tread &amp; tyre hardness</b>	 94° ±3° shore A	 75° +5° shore A	 75° +5° shore A	 75° +5° shore A
<b>Temperature resistance</b>	 -25° C - +70° C temporarily up to +90° C	 -25° C - +70° C temporarily up to +90° C	 -25° C - +70° C temporarily up to +90° C	 -25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	 very good	 very good	 very good	 excellent
<b>Operating noise</b>	 good	 very good	 very good	 very good
<b>Floor surface preservation</b>	 good	 very good	 very good	 very good
<b>Non-marking</b>	✓	✓	✓	✓
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Roller bearing</li> <li>■ Ball bearing</li> <li>■ Central ball bearing (C)</li> </ul>	<ul style="list-style-type: none"> <li>■ Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Ball bearing</li> </ul>
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Stainless steel roller bearing (-XR)</li> <li>■ Stainless steel ball bearing (-XK)</li> <li>■ Ball bearing seals (-KD)</li> <li>■ Thread guard (-FA)</li> </ul>	<ul style="list-style-type: none"> <li>■ Antistatic, non-marking, grey (-AS)</li> <li>■ Extra crowned running tread (-CO)</li> <li>■ Stainless steel ball bearing (-XK)</li> </ul>	<ul style="list-style-type: none"> <li>■ Drive wheel with hub keyway (refer to GSTN series)</li> <li>■ Hub fitting wheel (refer to GSTA series)</li> </ul>	<ul style="list-style-type: none"> <li>■ Nylon wheel centre, hydrolysis resistant, POBS series</li> <li>■ Extra crowned running tread (-CO)</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +35° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +40° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +40° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +40° C the load capacity is reduced.</li> </ul>
<b>Page</b>	213	222, 445	229	238

## Blickle wheel series

### Wheels for heavy duty castors

















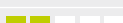





Series	ALTH	SETH	VSTH / GTH	VSB / GB
<b>Wheel Ø</b>	80 - 250 mm	125 - 250 mm	35 - 1000 mm	80 - 1000 mm
<b>Load capacity</b>	180 - 1000 kg	500 - 1350 kg	100 - 30000 kg	400 - 30000 kg
<b>Tread / Tyre</b>	High-quality polyurethane-elastomer Blickle Extrathane®, light brown. (Material description page 39)	High-quality polyurethane-elastomer Blickle Extrathane®, light brown. (Material description page 39)	High-quality polyurethane-elastomer Blickle Extrathane®, light brown. (Material description page 39)	High-quality polyurethane-elastomer Blickle Besthane®, brown. (Material description page 39)
<b>Wheel centre / rim</b>	Die-cast aluminium.	Pressed thick-walled steel, triple-welded, with tubular steel hub, lacquered, silver.	VSTH series: Steel. GTH series: Grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, silver.	VSB series: Steel. GB series: Grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, silver.
<b>Connection tread / tyre with wheel centre / rim</b>	Casted tread.	Casted tread.	Casted tread.	Casted tread.
<b>Tread &amp; tyre hardness</b>	92° ±3° shore A	92° ±3° shore A	92° ±3° shore A	92° ±3° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C	-25° C - +70° C temporarily up to +90° C	-25° C - +70° C temporarily up to +90° C	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good	very good	very good	excellent
<b>Operating noise</b>	good	good	good	good
<b>Floor surface preservation</b>	good	good	good	good
<b>Non-marking</b>	✓	✓	✓	✓
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)	<ul style="list-style-type: none"> <li>Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>Ball bearing</li> <li>Spherical roller bearing</li> </ul>	<ul style="list-style-type: none"> <li>Ball bearing</li> <li>Spherical roller bearing</li> </ul>
<b>Options</b>	<ul style="list-style-type: none"> <li>Antistatic, non-marking, grey (-AS)</li> <li>Extra crowned running tread (-CO)</li> <li>Stainless steel ball bearing (-XK)</li> </ul>	<ul style="list-style-type: none"> <li>Grease nipple (-NI)</li> </ul>	<ul style="list-style-type: none"> <li>Antistatic, non-marking, grey (-AS)</li> <li>Drive wheel with hub keyway (refer to GTHN series)</li> </ul>	<ul style="list-style-type: none"> <li>Cast nylon wheel centre, hydrolysis resistant, GSPOB series</li> <li>Drive wheel with hub keyway (refer to GBN series)</li> <li>Hub fitting wheel (refer to GBA series)</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>At ambient temperatures above +40° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +40° C the load capacity is reduced.</li> <li>Wheel centre is particularly resistant to dirt, shocks and impact loads.</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +40° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +40° C the load capacity is reduced.</li> <li>With a reduced load capacity, max. speeds of up to 16 km/h are permissible.</li> </ul>
<b>Page</b>	246, 445-446	254	258-259, 446	268-269, 447

**Blickle wheel series**

## Wheels for transport equipment and heavy duty castors


















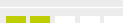
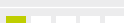


Series	PO	POW	PPN	SPO
<b>Wheel Ø</b>	50 - 300 mm	100 - 125 mm	60 - 200 mm	75 - 250 mm
<b>Load capacity</b>	75 - 1500 kg	200 - 220 kg	80 - 450 kg	300 - 2000 kg
<b>Tread / Tyre</b>	High-quality, impact-resistant nylon, natural white. (Material description page 40)	High-quality, impact-resistant nylon, white. (Material description page 40)	High-quality, impact-resistant polypropylene, natural white. (Material description page 40)	High-quality, impact-resistant nylon, very rugged, heavy wheel design, natural white. (Material description page 40)
<b>Wheel centre / rim</b>		High-quality, impact-resistant nylon, white and highly elastic damping ring made of elastic solid rubber, red.		
<b>Connection tread / tyre with wheel centre / rim</b>		Highly elastic encapsulated damping ring.		
<b>Tread &amp; tyre hardness</b>	 70° ±5° shore D	 70° ±5° shore D	 60° ±5° shore D	 70° ±5° shore D
<b>Temperature resistance</b>	 -25° C - +80° C	 -25° C - +80° C	 -20° C - +60° C	 -25° C - +80° C
<b>Rolling resistance</b>	 excellent	 very good	 very good	 excellent
<b>Operating noise</b>	 reasonable	 good	 reasonable	 reasonable
<b>Floor surface preservation</b>	 reasonable	 reasonable	 reasonable	 reasonable
<b>Non-marking</b>	✓	✓	✓	✓
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Roller bearing</li> <li>■ Ball bearing</li> <li>■ Central ball bearing (C)</li> </ul>	<ul style="list-style-type: none"> <li>■ Roller bearing</li> <li>■ Central ball bearing (C)</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Roller bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Ball bearing</li> </ul>
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Electrically conductive, non-marking, grey (-ELS)</li> <li>■ Stainless steel roller bearing (-XR)</li> <li>■ Ball bearing seals (-KD)</li> <li>■ Stainless steel ball bearing (-XK)</li> <li>■ Grease nipple (-NI)</li> <li>■ Thread guard (-FA)</li> </ul>	<ul style="list-style-type: none"> <li>■ Stainless steel roller bearing (-XR)</li> <li>■ Ball bearing seals (-KD)</li> </ul>	<ul style="list-style-type: none"> <li>■ Electrically conductive, black (-EL)</li> <li>■ Stainless steel roller bearing (-XR)</li> <li>■ Colour black, PP series</li> <li>■ Thread guard (-FA)</li> </ul>	<ul style="list-style-type: none"> <li>■ Grease nipple (-NI)</li> <li>■ Stainless steel ball bearing (-XK)</li> <li>■ Thread guard (-FA)</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +35° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +35° C the load capacity is reduced.</li> <li>■ Good noise-absorption, absorbs shocks and impact loads.</li> <li>■ With integrated synthetic thread guard as standard.</li> <li>■ Sandwich wheel.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +30° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +35° C the load capacity is reduced.</li> </ul>
<b>Page</b>	276-277, 445	288	293	300-301



**Blickle wheel series**

## Wheels for heavy duty castors / Flanged wheels



Series	GSP0	G	SVS	SPK
<b>Wheel Ø</b>	35 - 1000 mm	80 - 250 mm	65 - 300 mm	50 - 250 mm
<b>Load capacity</b>	100 - 50000 kg	250 - 1400 kg	750 - 15000 kg	400 - 3500 kg
<b>Tread / Tyre</b>	Impact-resistant, hard and tough, highly compressed cast nylon, natural beige. (Material description page 40)	Grey cast iron, with grease nipple, lacquered, silver. (Material description page 40)	Mild steel, lightly oiled surface. (Material description page 40)	Grey cast iron, wheel Ø 125 mm or larger (without flange) with grease nipple, lacquered, silver. (Material description page 40)
<b>Wheel centre / rim</b>				
<b>Connection tread / tyre with wheel centre / rim</b>				
<b>Tread &amp; tyre hardness</b>	 80° ±3° shore D	 180 - 220 HB	 190 - 230 HB	 180 - 220 HB
<b>Temperature resistance</b>	 -25° C - +80° C	 -100° C - +600° C	 -25° C - +120° C	 -100° C - +600° C
<b>Rolling resistance</b>	 excellent	 excellent	 excellent	 excellent
<b>Operating noise</b>	 reasonable	 sufficient	 sufficient	 sufficient
<b>Floor surface preservation</b>	 reasonable	 sufficient	 sufficient	 sufficient
<b>Non-marking</b>	✓	✓	✓	✓
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to material description, page 40	Refer to material description, page 40	Refer to material description, page 40
<b>Bearing types</b> (refer to page 60-61)	<ul style="list-style-type: none"> <li>■ Ball bearing</li> <li>■ Spherical roller bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Ball bearing</li> <li>■ Heat-resistant ball bearing (IK)</li> </ul>	<ul style="list-style-type: none"> <li>■ Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Ball bearing</li> </ul>
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Plain bore for static loads or very low speeds</li> <li>■ Stainless steel ball bearing (-XK)</li> <li>■ Spherical roller bearing (-PR) for applications operating in extreme conditions.</li> </ul>		<ul style="list-style-type: none"> <li>■ Spherical roller bearing (-PR) for applications operating in extreme conditions.</li> </ul>	<ul style="list-style-type: none"> <li>■ Heat-resistant ball bearing (oven bearing, -IK), operating temperature: -30° C to +300° C, load capacity reduction of 50 % at +300° C.</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +35° C the load capacity is reduced.</li> <li>■ Relatively high floor pressure.</li> </ul>	<ul style="list-style-type: none"> <li>■ Relatively high floor pressure.</li> <li>■ Plain bore: A temperature specific grease must be regularly applied.</li> </ul>	<ul style="list-style-type: none"> <li>■ Relatively high floor pressure.</li> </ul>	<ul style="list-style-type: none"> <li>■ Machined flange and tread with horizontal taper of 3°.</li> <li>■ Plain bore: A temperature specific grease must be regularly applied.</li> <li>■ The load capacities refer to the rail profiles A 45, A 55 (DIN 536).</li> </ul>
<b>Page</b>	314	320, 399	330	336

## Blickle wheel series

### Flanged wheels









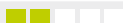






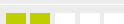






Series	SPKGSPO	SPKVS	DSPKGSPO	DSPK
<b>Wheel Ø</b>	50 - 250 mm	50 - 400 mm	50 - 200 mm	50 - 200 mm
<b>Load capacity</b>	220 - 3000 kg	500 - 9000 kg	50 - 700 kg	120 - 1200 kg
<b>Tread / Tyre</b>	Impact-resistant, hard and tough, highly compressed cast nylon, natural beige. (Material description page 40)	Mild steel, lightly oiled surface. (Material description page 40)	Impact-resistant, hard and tough, highly compressed cast nylon, natural beige. (Material description page 40)	Mild steel, lightly oiled surface. (Material description page 40)
<b>Wheel centre / rim</b>				
<b>Connection tread / tyre with wheel centre / rim</b>				
<b>Tread &amp; tyre hardness</b>	80° ±3° shore D	190 - 230 HB	80° ±3° shore D	190 - 230 HB
<b>Temperature resistance</b>	-25° C - +80° C	-25° C - +120° C	-25° C - +80° C	-25° C - +120° C
<b>Rolling resistance</b>	excellent	excellent	excellent	excellent
<b>Operating noise</b>	reasonable	sufficient	reasonable	sufficient
<b>Floor surface preservation</b>	reasonable	sufficient	reasonable	sufficient
<b>Non-marking</b>	✓	✓	✓	✓
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to material description, page 40	Refer to 'Chemical resistance', page 36-37	Refer to material description, page 40
<b>Bearing types</b> (refer to page 60-61)	<ul style="list-style-type: none"> <li>Plain bore</li> <li>Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>Plain bore</li> <li>Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>Ball bearing</li> </ul>
<b>Options</b>	<ul style="list-style-type: none"> <li>Stainless steel ball bearing (-XK)</li> <li>Drive wheel with hub keyway, SPKGSPO series</li> <li>With fixed bracket</li> </ul>	<ul style="list-style-type: none"> <li>Heat-resistant ball bearing (oven bearing, -IK)</li> <li>Spherical roller bearing (-PR) for applications operating in extreme conditions.</li> <li>Drive wheel with hub keyway (refer to SPKVS series)</li> <li>With fixed bracket</li> </ul>	<ul style="list-style-type: none"> <li>Stainless steel ball bearing (-XK)</li> <li>With fixed bracket</li> </ul>	<ul style="list-style-type: none"> <li>With fixed bracket</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>At ambient temperatures above +35° C the load capacity is reduced.</li> <li>Machined flange and tread with horizontal taper of 3°.</li> <li>The load capacities refer to the rail profiles A 45, A 55 (DIN 536).</li> </ul>	<ul style="list-style-type: none"> <li>Machined flange and tread with horizontal taper of 3°.</li> <li>The load capacities refer to the rail profiles A 45, A 55 and A 65 (DIN 536).</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +35° C the load capacity is reduced.</li> <li>Relatively high floor pressure.</li> </ul>	<ul style="list-style-type: none"> <li>Relatively high floor pressure.</li> </ul>
<b>Page</b>	338	339	340	341

**Blickle wheel series**

## Heat-resistant wheels



Series	VEHI	POSI / ALSI	VKHT	POHI
<b>Wheel Ø</b>	100 - 200 mm	100 - 125 mm	100 mm	80 - 200 mm
<b>Load capacity</b>	65 - 180 kg	80 - 120 kg	100 kg	180 - 600 kg
<b>Tread / Tyre</b>	Heat-resistant Blickle TempLine® Basic solid rubber, black. (Material description page 38)	Highly heat-resistant Blickle TempLine® Comfort silicone rubber, black. (Material description page 39)	Heat-resistant Blickle TempLine® Special solid rubber, black. (Material description page 38)	High-quality, impact-resistant and highly heat-resistant Blickle TempLine® Performance nylon, grey. (Material description page 40)
<b>Wheel centre / rim</b>	Pressed steel rim, zinc-plated, blue-passivated, Cr6-free.	POSI series: High-quality, impact-resistant and highly heat-resistant nylon, grey. ALSI series: Die-cast aluminium.	High-quality, impact-resistant and highly heat-resistant nylon, black.	
<b>Connection tread / tyre with wheel centre / rim</b>	Tyre pressed with rim.	Vulcanised tyre.	Pressed-on tyre.	
<b>Tread &amp; tyre hardness</b>	 80° ±5° shore A	 75° ±4° shore A	 85° ±5° shore A	 85° ±5° shore D
<b>Temperature resistance</b>	 -25° C - +200° C	 -25° C - +250° C	 -30° C - +260° C	 -25° C - +250° C
<b>Rolling resistance</b>	 reasonable	 good	 reasonable	 excellent
<b>Operating noise</b>	 very good	 very good	 good	 reasonable
<b>Floor surface preservation</b>	 very good	 very good	 good	 reasonable
<b>Non-marking</b>	—	✓	—	✓
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to material description, page 39	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)	<ul style="list-style-type: none"> <li>■ Roller bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Ball bearing with special heat-resistant grease (HK)</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> </ul>	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Ball bearing with special heat-resistant grease (HK)</li> </ul>
<b>Options</b>		<ul style="list-style-type: none"> <li>■ Non-marking, grey tyre (-SG)</li> <li>■ Teflon-coated stainless steel axle tube (XAT)</li> </ul>	<ul style="list-style-type: none"> <li>■ Teflon-coated stainless steel axle tube (XAT)</li> </ul>	<ul style="list-style-type: none"> <li>■ Natural colour, operating temperature: -30° C to +170° C, POH series</li> <li>■ Teflon-coated stainless steel axle tube (XAT)</li> <li>■ Stainless steel ball bearing with special heat-resistant grease (-HXX)</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ With long endurance times at high temperatures, the tyre may slightly flatten. Such flattening is quickly removed when the wheels are operated under load.</li> <li>■ At high temperatures, the passivation of the pressed steel rim may slightly alter, but the corrosion protection remains intact.</li> </ul>	<ul style="list-style-type: none"> <li>■ <b>POSI series: Suitable for autoclaves</b></li> <li>■ ALSI 100/8HKA: Ball bearing with special heat-resistant grease (HK) and ball bearing cover.</li> </ul>		<ul style="list-style-type: none"> <li>■ <b>Suitable for autoclaves</b> in either plain bore version or optional stainless steel ball bearings with special heat-resistant grease (-HXX)</li> </ul>
<b>Page</b>	378	381	386	389



## Blickle wheel series

### Heat-resistant wheels / Guide rollers




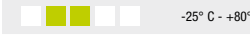









Series	PHN	FTH	FSTH	FPOB
<b>Wheel Ø</b>	80 - 200 mm	30 - 75 mm	40 - 125 mm	80 - 125 mm
<b>Load capacity</b>	100 - 500 kg	20 - 125 kg	45 - 330 kg	130 - 300 kg
<b>Tread / Tyre</b>	Blickle TempLine® Classic phenolic resin, black. (Material description page 40)	High-quality polyurethane-elastomer Blickle Extrathane®, light brown. (Material description page 39)	High-quality polyurethane-elastomer Blickle Extrathane®, light brown. (Material description page 39)	High-quality polyurethane-elastomer Blickle Besthane®, brown. (Material description page 39)
<b>Wheel centre / rim</b>			Steel.	High-quality, impact-resistant nylon, black.
<b>Connection tread / tyre with wheel centre / rim</b>		Tread directly bonded onto the ball bearing.	Casted tread.	Casted tread.
<b>Tread &amp; tyre hardness</b>	90° ±5° shore D	92° ±3° shore A	92° ±3° shore A	92° ±3° shore A
<b>Temperature resistance</b>	-35° C - +260° C temporarily up to +300° C	-25° C - +70° C temporarily up to +90° C	-25° C - +70° C temporarily up to +90° C	-25° C - +70° C
<b>Rolling resistance</b>	excellent	very good	very good	excellent
<b>Operating noise</b>	reasonable	good	good	good
<b>Floor surface preservation</b>	reasonable	good	good	good
<b>Non-marking</b>	✓	✓	✓	✓
<b>Chemical resistance</b>	Refer to material description, page 40	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)	<ul style="list-style-type: none"> <li>■ Plain bore</li> <li>■ Ball bearing with special heat-resistant grease (HK)</li> <li>■ Heat-resistant ball bearing (IK)</li> </ul>	<ul style="list-style-type: none"> <li>■ Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>■ Ball bearing</li> </ul>
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Teflon-coated stainless steel axle tube (XAT)</li> </ul>	<ul style="list-style-type: none"> <li>■ Stainless steel ball bearing (-XK)</li> </ul>		<ul style="list-style-type: none"> <li>■ Stainless steel ball bearing (-XK)</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ Wheels are only conditionally suitable for uneven floors and crossing thresholds.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +40° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +40° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +40° C the load capacity is reduced.</li> <li>■ With a reduced load capacity, max. speeds of up to 10 km/h are permissible.</li> <li>■ Hydrolysis resistant</li> </ul>
<b>Page</b>	394	430	431	432

**Blickle wheel series**

## Guide rollers / Rollers for pallet trucks





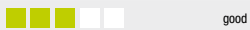



Series	FPTH	FPU	FPO	HTH
<b>Wheel Ø</b>	60 - 125 mm	25 - 60 mm	25 - 125 mm	60 - 90 mm
<b>Load capacity</b>	110 - 290 kg	20 - 120 kg	30 - 400 kg	180 - 900 kg
<b>Tread / Tyre</b>	High-quality thermoplastic polyurethane, dark grey. (Material description page 39)	High-quality thermoplastic polyurethane, dark brown. (Material description page 39)	High-quality, impact-resistant nylon, natural white. (Material description page 40)	High-quality polyurethane-elastomer Blickle Extrathane®, light brown. (Material description page 39)
<b>Wheel centre / rim</b>	High-quality, impact-resistant nylon, silver grey.			Steel or grey cast iron.
<b>Connection tread / tyre with wheel centre / rim</b>	Chemically bonded.	Tread directly injected onto the ball bearing.	Tread directly injected onto the ball bearing.	Casted tread.
<b>Tread &amp; tyre hardness</b>	 92° ±3° shore A	 98° ±2° shore A	 70° ± 5° shore D	 92° ±3° shore A
<b>Temperature resistance</b>	 -25° C - +70° C temporarily up to +90° C	 -25° C - +70° C temporarily up to +90° C	 -25° C - +80° C	 -25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	 very good	 excellent	 excellent	 very good
<b>Operating noise</b>	 good	 reasonable	 reasonable	 good
<b>Floor surface preservation</b>	 good	 reasonable	 reasonable	 good
<b>Non-marking</b>	✓	✓	✓	✓
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)	<ul style="list-style-type: none"> <li>Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>Ball bearing</li> </ul>	<ul style="list-style-type: none"> <li>Ball bearing</li> <li>Wheel centre without ball bearing (bearing seat)</li> </ul>
<b>Options</b>	<ul style="list-style-type: none"> <li>Electrically conductive, non-marking (-ELS)</li> <li>Stainless steel ball bearing (-XK)</li> </ul>	<ul style="list-style-type: none"> <li>Electrically conductive, non-marking (-ELS)</li> <li>Stainless steel ball bearing (-XK)</li> </ul>	<ul style="list-style-type: none"> <li>Electrically conductive, non-marking (-ELS)</li> <li>Stainless steel ball bearing (-XK)</li> </ul>	<ul style="list-style-type: none"> <li>With Blickle Softhane® polyurethane tread, HST series</li> <li>Splash and washproof version (refer to HTHW series)</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>At ambient temperatures above +35° C the load capacity is reduced.</li> <li>Hydrolysis resistant</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +35° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +35° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +40° C the load capacity is reduced.</li> </ul>
<b>Page</b>	433	434	435	438-440

**Blickle wheel series**

## Rollers for pallet trucks / Wheels for stackers and forklift trucks



Series	HB	HTHW	HPO	RTH
<b>Wheel Ø</b>	80 - 85 mm	82 - 85 mm	80 - 85 mm	200 - 270 mm
<b>Load capacity</b>	440 - 760 kg	440 - 840 kg	420 - 1100 kg	
<b>Tread / Tyre</b>	High-quality polyurethane-elastomer Blickle Besthane®, brown. (Material description page 39)	High-quality polyurethane-elastomer Blickle Extrathane®, light brown. (Material description page 39)	High-quality, impact-resistant nylon, natural white. (Material description page 40)	High-quality polyurethane-elastomer Blickle Extrathane®, light brown. (Material description page 39)
<b>Wheel centre / rim</b>	Steel or grey cast iron.	Steel or grey cast iron.		Steel or grey cast iron or ductile cast iron.
<b>Connection tread / tyre with wheel centre / rim</b>	Casted tread.	Casted tread.		Casted tread.
<b>Tread &amp; tyre hardness</b>	 92° ±3° shore A	 92° ±3° shore A	 70° ±5° shore D	 92° ±3° shore A
<b>Temperature resistance</b>	 -25° C - +70° C temporarily up to +90° C	 -25° C - +70° C temporarily up to +90° C	 -25° C - +80° C	 -30° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	 excellent	 very good	 excellent	 good
<b>Operating noise</b>	 good	 good	 reasonable	 good
<b>Floor surface preservation</b>	 good	 good	 reasonable	 good
<b>Non-marking</b>	✓	✓	✓	✓
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)	<ul style="list-style-type: none"> <li>Ball bearing</li> <li>Wheel centre without ball bearing (with bearing seat)</li> </ul>	<ul style="list-style-type: none"> <li>Ball bearing, splash and washproof by nylon bushing</li> </ul>	<ul style="list-style-type: none"> <li>Ball bearing</li> </ul>	
<b>Options</b>	<ul style="list-style-type: none"> <li>Nylon wheel centre, hydrolysis resistant, HPOB series</li> <li>Splash and washproof version, HBW series</li> </ul>	<ul style="list-style-type: none"> <li>With Blickle Softhane® polyurethane tread, HSTW series</li> <li>With Blickle Besthane® polyurethane tread, HBW series</li> </ul>	<ul style="list-style-type: none"> <li>Stainless steel ball bearing (-XK)</li> <li>Made of cast nylon, for applications requiring higher load capacity (refer to GSPO series)</li> </ul>	
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>At ambient temperatures above +40° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +40° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +35° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +40° C the load capacity is reduced.</li> <li>Drive wheels are suitable for manufacturer no. listed on page 448-457.</li> </ul>
<b>Page</b>	441	442-443	444	448-457



**Blickle wheel series**

## Wheels for stackers and forklift trucks / Drive wheels






Series	RB	REV	GEVN	GSTN
<b>Wheel Ø</b>	230 - 343 mm	215 - 254 mm	160 - 620 mm	75 - 500 mm
<b>Load capacity</b>			250 - 3000 kg	200 - 4200 kg
<b>Tread / Tyre</b>	High-quality polyurethane-elastomer Blickle Besthane®, brown. (Material description page 39)	High-quality elastic solid rubber, drive-quality, black. REV 215x82/60-5-SG: Grey, non-marking. (Material description page 38)	High-quality elastic solid rubber, drive-quality, with steel-band, black. Wheel Ø 400 and 500 mm: Smooth rolling quality, steel-wire reinforced. (Material description page 38)	High-quality polyurethane-elastomer Blickle Softthane®, green. (Material description page 39)
<b>Wheel centre / rim</b>	Grey cast iron or ductile cast iron.	Grey cast iron or ductile cast iron.	Grey cast iron, plain bore keywayed in acc. to DIN 6885, lacquered, anthracite.	Grey cast iron, plain bore keywayed in acc. to DIN 6885, lacquered, silver.
<b>Connection tread / tyre with wheel centre / rim</b>	Casted tread.	Vulcanised or pressed-on tyre.	Steel-wired reinforced or pressed-on steel-band tyre.	Casted tread.
<b>Tread &amp; tyre hardness</b>	 92° ±3° shore A	 70° ±5° shore A	 65° ±3° shore A	 75° ±5° shore A
<b>Temperature resistance</b>	 -30° C - +70° C temporarily up to +90° C	 -30° C - +80° C temporarily up to +100° C	 -30° C - +80° C temporarily up to +100° C	 -30° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	 very good	 good	 good	 very good
<b>Operating noise</b>	 good	 very good	 very good	 very good
<b>Floor surface preservation</b>	 good	 very good	 very good	 very good
<b>Non-marking</b>	✓	Optional	—	✓
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)				
<b>Options</b>			<ul style="list-style-type: none"> <li>Steel-band tyre in friction wheel quality (-STR)</li> </ul>	
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>At ambient temperatures above +40° C the load capacity is reduced.</li> <li>Drive wheels are suitable for manufacturer no. listed on page 448-453, 456-457.</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +60° C the load capacity is reduced.</li> <li>Drive wheels are suitable for manufacturer no. listed on page 448-454, 456.</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +60° C the load capacity is reduced.</li> <li>The wheel centre is approx. 4 mm wider than the indicated wheel width.</li> <li>With a reduced load capacity, max. speeds of up to 16 km/h are permissible.</li> </ul>	<ul style="list-style-type: none"> <li>At ambient temperatures above +40° C the load capacity is reduced.</li> </ul>
<b>Page</b>	448-453, 456-457	448-454, 456	460	461

## Blickle wheel series

### Drive wheels / Hub fitting wheels

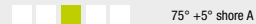




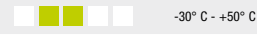

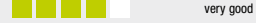

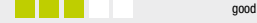



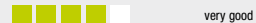




Series	GTHN	GBN	SPKVSN	GEVA
<b>Wheel Ø</b>	75 - 1000 mm	100 - 1000 mm	200 - 300 mm	250 - 620 mm
<b>Load capacity</b>	300 - 25000 kg	350 - 25000 kg	2500 - 7000 kg	525 - 3000 kg
<b>Tread / Tyre</b>	High-quality polyurethane-elastomer Blickle Extrathane®, light brown. (Material description page 39)	High-quality polyurethane-elastomer Blickle Besthane®, brown. (Material description page 39)	Mild steel, lightly oiled surface, plain bore keywayed in acc. to DIN 6885. (Material description page 40)	High-quality elastic solid rubber, smooth rolling quality, black. (Material description page 38)
<b>Wheel centre / rim</b>	Grey cast iron, plain bore keywayed in acc. to DIN 6885, lacquered, silver.	Grey cast iron, plain bore keywayed in acc. to DIN 6885, lacquered, silver.		Grey cast iron, with central hole, fixing holes are counter-sunk for mounting on conventional hub flanges, lacquered, anthracite.
<b>Connection tread / tyre with wheel centre / rim</b>	Casted tread.	Casted tread.		Steel-wire reinforced tyre, pressed-on.
<b>Tread &amp; tyre hardness</b>	 92° ±3° shore A	 92° ±3° shore A	 190 - 230 HB	 65° ±3° shore A
<b>Temperature resistance</b>	 -30° C - +70° C temporarily up to +90° C	 -30° C - +70° C temporarily up to +90° C	 -30° C - +300° C	 -30° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	 very good	 excellent	 excellent	 very good
<b>Operating noise</b>	 good	 good	 sufficient	 very good
<b>Floor surface preservation</b>	 good	 good	 sufficient	 very good
<b>Non-marking</b>	✓	✓	✓	—
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to material description, page 40	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)				
<b>Options</b>				<ul style="list-style-type: none"> <li>■ Steel-band tyre in drive-quality (-STA)</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +40° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +40° C the load capacity is reduced.</li> <li>■ With a reduced load capacity, max. speeds of up to 16 km/h are permissible.</li> </ul>	<ul style="list-style-type: none"> <li>■ Horizontal tread taper of 3°.</li> <li>■ The load capacities refer to the rail profiles A 45, A 55 and A 65 (DIN 536).</li> <li>■ Load capacity reduction of 50 % at +300° C.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +60° C the load capacity is reduced.</li> <li>■ With a reduced load capacity, max. speeds of up to 16 km/h are permissible.</li> </ul>
<b>Page</b>	462-463	464-465	466	467

**Blickle wheel series**

## Hub fitting wheels



Series	GSTA	GBA	PA	VLEA
<b>Wheel Ø</b>	200 - 400 mm	200 - 400 mm	400 - 536 mm	405 - 525 mm
<b>Load capacity</b>	700 - 2500 kg	900 - 3400 kg	250 - 1300 kg	950 - 1885 kg
<b>Tread / Tyre</b>	High-quality polyurethane-elastomer Blickle Softthane®, green. (Material description page 39)	High-quality polyurethane-elastomer Blickle Bestthane®, brown. (Material description page 39)	Pneumatic tyres with ribbed or zig-zag profile, 2 - 10 ply rating, black. (Material description page 38)	Super-elastic solid rubber, 3-component tyre, tough and hard rubber core, steel-wire reinforced, super-elastic cushion layer, abrasion-resistant tread, black. (Material description page 38)
<b>Wheel centre / rim</b>	Grey cast iron, with central hole, fixing holes are counter-sunk for mounting on conventional hub flanges, lacquered, silver.	Grey cast iron, with central hole, fixing holes are counter-sunk for mounting on conventional hub flanges, lacquered, silver.	Pressed steel rim, with central hole, fixing holes are counter-sunk for mounting on conventional hub flanges, zinc-plated, blue-passivated, Cr6-free or lacquered, silver.	Pressed steel flat based rim, pressed or bolted, with central hole, fixing holes are counter-sunk for mounting on conventional hub flanges, zinc-plated, blue-passivated, Cr6-free.
<b>Connection tread / tyre with wheel centre / rim</b>	Casted tread.	Casted tread.	Tyre mounted on rim.	Steel-wire reinforced tyre, mounted on rim.
<b>Tread &amp; tyre hardness</b>	 75° +5° shore A	 92° ±3° shore A	 60° ±5° shore A	 70° ±4° shore A
<b>Temperature resistance</b>	 -30° C - +70° C temporarily up to +90° C	 -30° C - +70° C temporarily up to +90° C	 -30° C - +50° C	 -30° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	 very good	 excellent	 good	 good
<b>Operating noise</b>	 very good	 good	 excellent	 very good
<b>Floor surface preservation</b>	 very good	 good	 excellent	 very good
<b>Non-marking</b>	✓	✓	—	Optional
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)				
<b>Options</b>				<ul style="list-style-type: none"> <li>■ Non-marking tyre (-SN)</li> <li>■ Antistatic, black tyre (-AS)</li> <li>■ Drive wheel with hub keyway, VLEN series</li> </ul>
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +40° C the load capacity is reduced.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +40° C the load capacity is reduced.</li> <li>■ With a reduced load capacity, max. speeds of up to 16 km/h are permissible.</li> </ul>	<ul style="list-style-type: none"> <li>■ With a reduced load capacity, max. speeds of up to 25 km/h are permissible.</li> <li>■ Wheel width and wheel Ø may increase during operation.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +60° C the load capacity is reduced.</li> <li>■ With a reduced load capacity, max. speeds of up to 25 km/h are permissible.</li> <li>■ Wheel width and wheel Ø may increase during operation.</li> <li>■ Puncture-proof and maintenance-free.</li> </ul>
<b>Page</b>	468	469	470	471

**Blickle wheel series**

## Tyres/press-on bands



Series	BSEV	BEV	BTH	BB
<b>Wheel Ø</b>	250 - 525 mm	125 - 620 mm	125 - 610 mm	125 - 750 mm
<b>Load capacity</b>	400 - 1885 kg	160 - 4650 kg	420 - 6000 kg	420 - 10000 kg
<b>Tread / Tyre</b>	Super-elastic solid rubber, 2- or 3-component tyre, tough and hard rubber core, steel-wire reinforced, super-elastic, abrasion-resistant tread, black. (Material description page 38)	Elastic solid rubber press-on band, black. ZDG-version: Steel-wire reinforced, smooth rolling quality. ZST-version: Drive-quality. (Material description page 38)	High-quality polyurethane-elastomer Blickle Extrathane®, light brown. (Material description page 39)	High-quality polyurethane-elastomer Blickle Besthane®, brown. (Material description page 39)
<b>Wheel centre / rim</b>		ZST-version: Steel ring.	Steel ring.	Steel ring.
<b>Connection tread / tyre with wheel centre / rim</b>		ZST-version: Vulcanised tread.	Casted tread.	Casted tread.
<b>Tread &amp; tyre hardness</b>	70° ±4° shore A	65° ±3° shore A	92° ±3° shore A	92° ±3° shore A
<b>Temperature resistance</b>	-30° C - +80° C temporarily up to +100° C	-30° C - +80° C temporarily up to +100° C	-30° C - +70° C temporarily up to +90° C	-30° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	good	very good	very good	excellent
<b>Operating noise</b>	very good	very good	good	good
<b>Floor surface preservation</b>	very good	very good	good	good
<b>Non-marking</b>	Optional	Optional	✓	✓
<b>Chemical resistance</b>	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37	Refer to 'Chemical resistance', page 36-37
<b>Bearing types</b> (refer to page 60-61)				
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Non-marking tyre (-SN)</li> </ul>	<ul style="list-style-type: none"> <li>■ Non-marking, natural colour tyre (-SN)</li> </ul>		
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +60° C the load capacity is reduced.</li> <li>■ Tyre is suitable for standard rims listed in the table on page 474.</li> <li>■ With a reduced load capacity, max. speeds of up to 25 km/h are permissible.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +60° C the load capacity is reduced.</li> <li>■ Suitable for wheel centres with outer diameter h11.</li> <li>■ With a reduced load capacity, max. speeds of up to 16 km/h are permissible.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +40° C the load capacity is reduced.</li> <li>■ Suitable for wheel centres with outer diameter h11.</li> </ul>	<ul style="list-style-type: none"> <li>■ At ambient temperatures above +40° C the load capacity is reduced.</li> <li>■ Suitable for wheel centres with outer diameter h11.</li> <li>■ With a reduced load capacity, max. speeds of up to 16 km/h are permissible.</li> </ul>
<b>Page</b>	474	475-476	477	478-479



## Wheel bearing types

The wheel bearing is important for the rolling characteristics of a wheel and, consequently, for the mobility of the application equipment. It must meet the requirements concerning load capacity, duration of operation, environmental influences, starting and rolling resistance and possible further requirement criteria.



### Plain bore

(indicated as 'G' in the product code)

The plain bore is a simple, cost-effective and durable wheel bearing, corrosion-resistant and maintenance-free under standard conditions.

Plain bores are mainly used for light duty and transport equipment castors and are suitable for low speeds and intermittent use.

For wheels with tubular steel hubs, plain bore bushes made of nylon are used.

At high speeds under high loads, overheating may occur. Cast iron wheels with plain bore must be regularly lubricated.



### Roller bearing

(indicated as 'R' in the product code)

The roller bearing is a sturdy, robust, largely maintenance-free wheel bearing type which only requires a small mounting space.

Roller bearings (also called needle bearings) have a small radial bearing play and have proven particularly successful with castors for transport equipment.

Roller bearings consist of steel rollers fitted into a plastic or steel cage. These rollers roll between the axle tube and the wheel hub. As there is no sliding friction, only rolling friction during the rotation around the axle, the rolling resistance of the wheel is relatively low, even with higher loads.

Roller bearings are lubricated with long-life grease and are maintenance-free under standard conditions.

In addition to the standard version, roller bearings are also available in stainless steel (indicated as 'XR' in the product code).



### Central ball bearing (C) with ball bearing cover

(indicated as 'K' in the product code)

A central ball bearing offers a very precise, light running performance and a good sealing. These bearings are mostly used for synthetic wheels with small loads and for guide rollers. The wheel centre is directly injected onto the central ball bearing.

The central bearing is equipped with two sealing caps (slipping sealing, so-called 2RS-bearing) as standard.

Ball bearings are lubricated with long-life grease and are maintenance-free under standard conditions.

## Wheel bearing types



**Central ball bearing (C) with additional ball bearing seals**  
(indicated as 'KD' in the product code)

A special additional ball bearing seal is available where high sealing requirements are needed for ball bearings used in corrosive wet applications. The combination of ball bearing sealing caps (slipping sealing, so-called 2RS-bearings), clearance sealing and additional slipping sealing ensures an optimum protection of the ball bearing against splash water and contamination. Wheels with additional ball bearing seals are suitable for machine washing. The slipping sealing produces a slightly increased rolling resistance. Ball bearings are lubricated with long-life grease and are maintenance-free under standard conditions.



**Ball bearing**  
(indicated as 'K' in the product code)

The bearing type with grooved ball bearing (also called precision ball bearing) meets highest demands on load capacity, rolling characteristics (also at higher speeds) and resistance to environmental influences. Grooved ball bearings have the smallest bearing play and are mainly used for technically demanding transport equipment castors and heavy duty castors. A cover plate provides protection against dust (non-slipping sealing, so-called Z-bearing). For special requirements, ball bearings can be fitted with one or two sealing caps (slipping sealing, so-called RS or 2RS-bearing). Wheel bearings with sealed ball bearings (RS, 2RS) should not be lubricated as the ball bearing could be damaged. Grooved ball bearings are lubricated with long-life grease and are maintenance-free under standard conditions. As standard, two ball bearings are fitted into the hub. The ball bearings inner rings are separated by means of a spacer sleeve to ensure a tight fit. In addition to the standard version, ball bearings are also available in stainless steel (indicated as 'XK' in the product code), with special heat-resistant grease (indicated as 'HK' in the product code, stainless steel version: indicated as 'HXK' in the product code) or as heat-resistant ball bearing (oven bearing, indicated as 'IK' in the product code). With a reduced load capacity heat-resistant ball bearings are suitable at temperatures between -30° C and +300° C.



**Ball bearing with additional ball bearing seals**  
(indicated as 'KD' in the product code)

A special additional ball bearing seal is available where high sealing requirements are needed for ball bearings used in corrosive wet applications. The combination of ball bearing sealing caps (slipping sealing, so-called 2RS-bearings), clearance sealing and additional slipping sealing ensures an optimum protection of the ball bearing against splash water and contamination. Wheels with additional ball bearing seals are suitable for machine washing. The slipping sealing produces a slightly increased rolling resistance. The axle diameter is reduced and the clamping length is increased by 2 mm as the sealing elements assume the function of the flanged bushes. Wheels with ball bearing seals can be fitted easily into swivel and fixed brackets. Due to the smaller axle diameter, sealed versions are only conditionally suitable for end wheel applications. In comparison to ball bearing seals, the additional slipping rubber sealing is not used in the ball bearing cover (indicated as 'HKA', 'XKA' in the product code). The option -XKA is also suitable for machine washing due to the stainless steel ball bearings.



**Spherical roller bearing**  
(indicated as 'PR' in the product code)

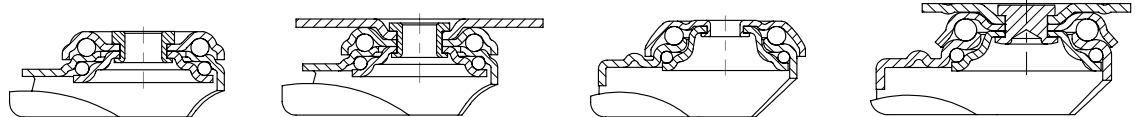
Spherical roller bearings have two roller rows which have a large rolling body contact surface and therefore attain an extremely high load capacity with relatively small dimensions. Spherical roller bearings offer angular mobility and are therefore insensitive to axle deflections. Due to the extremely high load rating, remarkable operational performance is reached. Spherical roller bearings are therefore preferred for use in heavy duty wheels for plant engineering with continuous use. As standard, two spherical roller bearings are fitted into the hub. The spherical roller bearings inner rings are separated by means of a spacer sleeve to ensure a tight fit. Spherical roller bearings have no sealing as standard. Special sealing washers for spherical roller bearings are available upon request.

## Blickle swivel and fixed castor bracket series

### Pressed steel swivel brackets for light duty castors



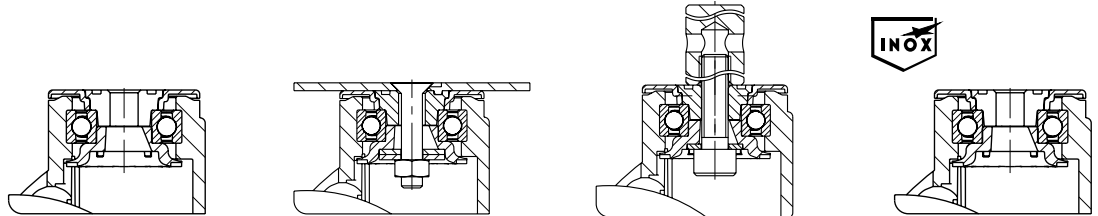
The matching fixed brackets correspond to the respective swivel brackets in terms of dimensions and load capacities. The plate size is slightly larger with some fixed castors than the corresponding swivel castors.



Series	LRA / LKRA Light duty swivel brackets with bolt hole fitting	LPA / LKPA Light duty swivel brackets with top plate fitting	LMDA Light duty twin wheel swivel brackets with bolt hole fitting	LDA Light duty twin wheel swivel brackets with top plate fitting
<b>For wheel Ø</b>	35 - 150 mm	35 - 150 mm	50 - 75 mm	50 - 75 mm
<b>Load capacity</b>	up to 150 kg	up to 150 kg	up to 100 kg	up to 100 kg
<b>Bracket structure</b>	Pressed steel parts, double ball bearing in the swivel head, with strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  Brake lever: LRA series: Synthetic LKRA series: Steel	Pressed steel parts, double ball bearing in the swivel head, with strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  Brake lever: LPA series: Synthetic LKPA series: Steel	Pressed steel parts, double ball bearing in the swivel head. Dynamically pressed swivel head.  Brake lever: Synthetic.	Pressed steel parts, double ball bearing in the swivel head. Dynamically pressed swivel head.  Brake lever: Synthetic.
<b>Surface</b>	Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, blue-passivated, Cr6-free.
<b>Swivel head seal</b>	Ball protection by the special swivel head design.	Ball protection by the special swivel head design.	Ball protection by the special swivel head design.	Ball protection by the special swivel head design.
<b>Maintenance under standard conditions</b>	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.
<b>Temperature resistance</b>	-30° C to +130° C	-30° C to +130° C	-30° C to +130° C	-30° C to +130° C
<b>Fitting types</b>	Bolt hole fitting	Top plate fitting	Bolt hole fitting	Top plate fitting
<b>Brake systems</b> (ref. to page 80-83)				
'stop-fix'	✓	✓	✓	✓
'stop-top'				
'central-stop'				
'ideal-stop'				
'Radstop'				
Directional lock				
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Threaded pin (-GS10 / -GS12)</li> <li>■ Plug-in pin (-ES)</li> <li>■ Synthetic castor socket (refer to page 111)</li> <li>■ Expander fitting for round and square tubes (refer to page 111)</li> <li>■ Special colours (electrostatic powder coating)</li> <li>■ Bumper (refer to page 111)</li> </ul>	<ul style="list-style-type: none"> <li>■ Special colours (electrostatic powder coating)</li> </ul>		
<b>Matching fixed bracket series</b>	BRA, BKRA	BPA, BKPA		
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>		<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>	

## Blickle swivel and fixed castor bracket series

### Synthetic swivel brackets

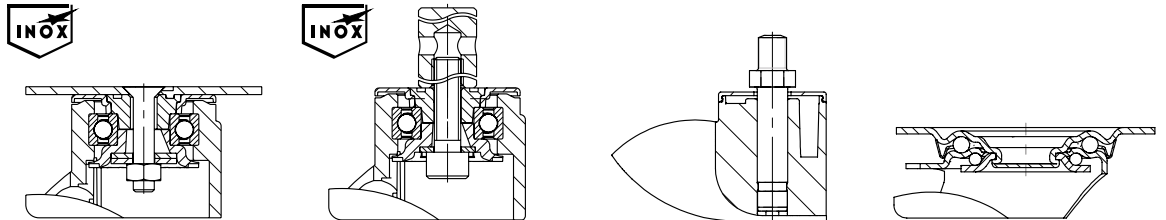


Series	LWK / LWG Synthetic swivel brackets with bolt hole fitting	LWK / LWG Synthetic swivel brackets with top plate fitting	LWK / LWG Synthetic swivel brackets with stem fitting	LWKX / LWGX Synthetic swivel brackets, corrosion-resistant, with bolt hole fitting
<b>For wheel Ø</b>	100 - 125 mm	100 - 125 mm	100 - 125 mm	100 - 125 mm
<b>Load capacity</b>	up to 110 kg	up to 110 kg	up to 110 kg	up to 110 kg
<b>Bracket structure</b>	High-quality, impact-resistant and reinforced nylon, encapsulated, double-sealed grooved ball bearing in the swivel head. Modern, shapely design.	High-quality, impact-resistant and reinforced nylon, encapsulated, double-sealed grooved ball bearing in the swivel head. Modern, shapely design.	High-quality, impact-resistant and reinforced nylon, encapsulated, double-sealed grooved ball bearing in the swivel head, with bolted and secured steel plug-in stem fitting. Modern, shapely design.	High-quality, impact-resistant and reinforced nylon, encapsulated, double-sealed grooved ball bearing in the swivel head. All parts incl. axle material are corrosion-resistant. Modern, shapely design.
<b>Surface</b>	LWK: Grey white RAL 9002. LWG: Silver grey RAL 7001.	LWK: Grey white RAL 9002. LWG: Silver grey RAL 7001. Steel top plate fitting: Zinc-plated.	LWK: Grey white RAL 9002. LWG: Silver grey RAL 7001. Steel stem fitting: Zinc-plated.	LWKX: Grey white RAL 9002. LWGX: Silver grey RAL 7001.
<b>Swivel head seal</b>				
<b>Maintenance under standard conditions</b>	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.
<b>Temperature resistance</b>	-20° C to +70° C, temporarily up to +100° C	-20° C to +70° C, temporarily up to +100° C	-20° C to +70° C, temporarily up to +100° C	-20° C to +70° C, temporarily up to +100° C
<b>Fitting types</b>	Bolt hole fitting	Top plate fitting	Stem fitting	Bolt hole fitting
<b>Brake systems</b> (ref. to page 80-83)				
'stop-fix'	✓	✓	✓	✓
'stop-top'				
'central-stop'	✓			
'ideal-stop'				
'Radstop'				
Directional lock				
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Electrically conductive (-ELS)</li> <li>■ Threaded pin (-GS10 / -GS12)</li> <li>■ Expander fitting for round and square tubes (refer to page 126)</li> <li>■ Special colour</li> <li>■ Bumper (refer to page 127)</li> </ul>	<ul style="list-style-type: none"> <li>■ Electrically conductive (-ELS)</li> <li>■ Plate size 78x66 mm (-P28)</li> <li>■ Directional lock (1 x 360°), combined with wheel brake (-RIF)</li> <li>■ Special colour</li> </ul>	<ul style="list-style-type: none"> <li>■ Electrically conductive (-ELS)</li> <li>■ Directional lock (1 x 360°), combined with wheel brake (-RIF)</li> <li>■ Special colour</li> </ul>	<ul style="list-style-type: none"> <li>■ Electrically conductive (-ELS)</li> <li>■ Threaded pin (-GSX10 / -GSX12)</li> <li>■ Expander fitting for round and square tubes (refer to page 126)</li> <li>■ Special colour</li> <li>■ Bumper (refer to page 127)</li> </ul>
<b>Matching fixed bracket series</b>				
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>		<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>	<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>



## Blickle swivel and fixed castor bracket series

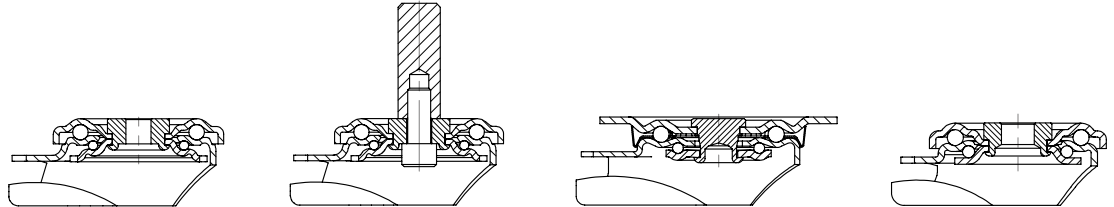
Synthetic swivel brackets / Pressed steel swivel brackets for transport equipment castors



Series	LWKX / LWGX	LWKX / LWGX	LKDG / LKDB	LE
<b>For wheel Ø</b>	100 - 125 mm	100 - 125 mm	50 - 100 mm	60 - 200 mm
<b>Load capacity</b>	up to 110 kg	up to 110 kg	up to 110 kg	up to 300 kg
<b>Bracket structure</b>	High-quality, impact-resistant and reinforced nylon, encapsulated, double-sealed grooved ball bearing in the swivel head. All parts incl. axle material are corrosion-resistant. Modern, shapely design.	High-quality, impact-resistant and reinforced nylon, encapsulated, double-sealed grooved ball bearing in the swivel head, with stainless steel bolted and secured plug-in stem fitting. All parts incl. axle material are corrosion-resistant. Modern, shapely design.	High-quality, impact-resistant nylon, with high-quality synthetic plain bore in the swivel head.	Pressed steel parts, double ball bearing in the swivel head. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.
<b>Surface</b>	LWKX: Grey white/LWGX: Silver grey. Stainless steel top plate fitting: Vibration-ground finished.	LWKX: Grey white RAL 9002. LWGX: Silver grey RAL 7001.	LKDG: Light grey RAL 7035. LKDB: Black RAL 9005. Steel threaded pin: Zinc-plated.	Zinc-plated, blue-passivated, Cr6-free.
<b>Swivel head seal</b>				Ball protection by an integrated ball spacer in the supporting swivel bearing.
<b>Maintenance under standard conditions</b>	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.
<b>Temperature resistance</b>	-20° C to +70° C, temporarily up to +100° C	-20° C to +70° C, temporarily up to +100° C	-30° C to +70° C, temporarily up to +80° C	-30° C to +70° C
<b>Fitting types</b>	Top plate fitting	Stem fitting	Threaded pin	Top plate fitting
<b>Brake systems</b> (ref. to page 80-83)				
'stop-fix'	✓	✓		✓
'stop-top'				✓
'central-stop'				✓
'ideal-stop'				
'Radstop'				
Directional lock			✓	✓
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Electrically conductive (-ELS)</li> <li>■ Plate size 90x66 mm (-PX26)</li> <li>■ Directional lock (1 x 360°), combined with wheel brake (-RIF)</li> <li>■ Special colour</li> </ul>	<ul style="list-style-type: none"> <li>■ Electrically conductive (-ELS)</li> <li>■ Directional lock (1 x 360°), combined with wheel brake (-RIF)</li> <li>■ Special colour</li> </ul>	<ul style="list-style-type: none"> <li>■ Electrically conductive (-ELS)</li> <li>■ Stainless steel version</li> <li>■ Zinc-plated steel top plate fitting (-P..)</li> <li>■ Zinc-plated steel plug-in pin (-ES)</li> <li>■ Special colour</li> </ul>	<ul style="list-style-type: none"> <li>■ Synthetic foot guard (-FP)</li> <li>■ Steel foot guard (-FS)</li> <li>■ Stainless steel axle tube (-XA)</li> </ul>
<b>Matching fixed bracket series</b>				B
<b>Additional considerations</b>		<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>		

## Blickle swivel and fixed castor bracket series

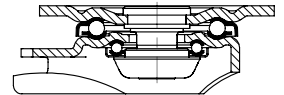
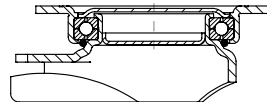
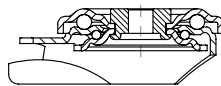
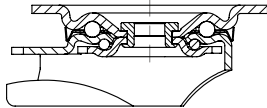
### Pressed steel swivel brackets for transport equipment castors



Series	LER Pressed steel swivel brackets with bolt hole fitting	LEZ Pressed steel swivel brackets with stem fitting	L Pressed steel swivel brackets, medium duty brackets, with top plate fitting	LR Pressed steel swivel brackets, medium duty brackets, with bolt hole fitting
<b>For wheel Ø</b>	60 - 200 mm	75 - 200 mm	60 - 280 mm	60 mm
<b>Load capacity</b>	up to 300 kg	up to 300 kg	up to 600 kg	200 kg
<b>Bracket structure</b>	Pressed steel parts, double ball bearing in the swivel head, with strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.	Pressed steel parts, double ball bearing in the swivel head. The steel plug-in stem and strong central kingpin are either firmly bolted and secured or made of one piece. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.	Pressed steel parts, double ball bearing in the swivel head, with strong central kingpin (wheel Ø 150-280 mm). The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.	Pressed steel parts, double ball bearing in the swivel head, with strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.
<b>Surface</b>	Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, blue-passivated, Cr6-free.
<b>Swivel head seal</b>	Ball protection by the special swivel head design.	Ball protection by the special swivel head design.	Ball protection by an integrated ball spacer in the supporting swivel bearing (exception: plate size 175x175 mm).	Ball protection by the special swivel head design.
<b>Maintenance under standard conditions</b>	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.
<b>Temperature resistance</b>	-30° C to +130° C	-30° C to +130° C	-30° C to +70° C	-30° C to +130° C
<b>Fitting types</b>	Bolt hole fitting	Stem fitting	Top plate fitting	Bolt hole fitting
<b>Brake systems</b> (ref. to page 80-83)				
'stop-fix'	✓	✓	✓	
'stop-top'			✓	
'central-stop'			✓	
'ideal-stop'				
'Radstop'				
Directional lock			✓	
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Synthetic foot guard (-FP)</li> <li>■ Steel foot guard (-FS)</li> <li>■ Stainless steel axle tube (-XA)</li> </ul>	<ul style="list-style-type: none"> <li>■ Synthetic foot guard (-FP)</li> <li>■ Steel foot guard (-FS)</li> </ul>	<ul style="list-style-type: none"> <li>■ Synthetic foot guard (-FP)</li> <li>■ Steel foot guard (-FS)</li> <li>■ Stainless steel axle tube (-XA)</li> </ul>	
<b>Matching fixed bracket series</b>			B, BH	
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>	<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>		<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>

## Blickle swivel and fixed castor bracket series

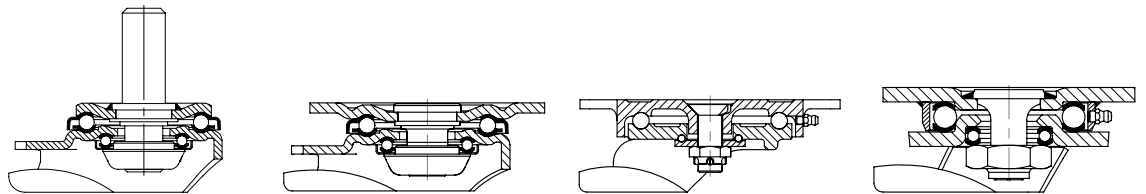
Pressed steel swivel brackets for transport equipment and heavy duty castors



Series	LK	LKR	LU	LH
For wheel Ø	65 - 200 mm	65 - 125 mm	125 - 200 mm	60 - 250 mm
Load capacity	up to 600 kg	up to 350 kg	up to 750 kg	up to 900 kg
Bracket structure	Heavy pressed steel parts, double ball bearing in the swivel head, with strong central kingpin (wheel Ø 125x50 - 200 mm). The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.	Heavy pressed steel parts, double ball bearing in the swivel head, with strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.	Heavy pressed steel parts, four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life.	Heavy pressed steel parts, heavy fork and top plate, double ball bearing in the swivel head, four hardened bearing seats, very strong bolted and secured central kingpin. Minimum wear at high loads. Particularly insensitive to shock and impact loads.
Surface	Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, blue-passivated, Cr6-free.
Swivel head seal	Ball protection by an integrated ball spacer in the supporting swivel bearing.	Ball protection by the special swivel head design.	Closed sealed swivel head.	Ball protection by the special swivel head design.
Maintenance under standard conditions	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.
Temperature resistance	-30° C to +70° C	-30° C to +130° C	-30° C to +100° C	-30° C to +130° C
Fitting types	Top plate fitting	Bolt hole fitting	Top plate fitting	Top plate fitting
Brake systems (ref. to page 80-83)				
'stop-fix'	✓	✓	✓	✓
'stop-top'	✓			✓
'central-stop'	✓			✓
'ideal-stop'	✓			✓
'Radstop'				✓
Directional lock	✓		✓	✓
Options	<ul style="list-style-type: none"> <li>■ Steel foot guard (-FS)</li> <li>■ Stainless steel axle tube (-XA)</li> </ul>	<ul style="list-style-type: none"> <li>■ Stainless steel axle tube (-XA)</li> </ul>	<ul style="list-style-type: none"> <li>■ Steel foot guard (-FS)</li> <li>■ Stainless steel axle tube (-XA)</li> </ul>	<ul style="list-style-type: none"> <li>■ Steel foot guard (-FS)</li> <li>■ Sprung foot guard (-FG)</li> <li>■ Truck lock (FF..)</li> <li>■ Stainless steel axle tube (-XA)</li> </ul>
Matching fixed bracket series	BK, BH		BH	BH
Additional considerations		<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>		

## Blickle swivel and fixed castor bracket series

### Swivel brackets for heavy duty castors

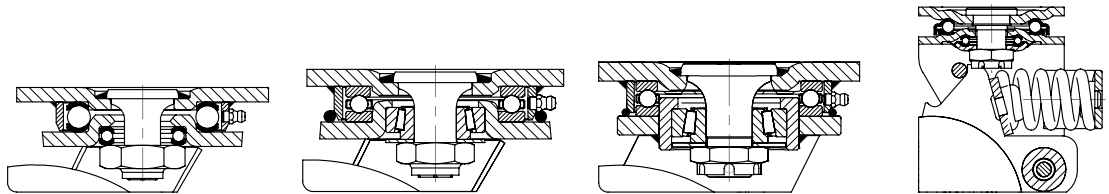


Series	LHZ	LHD	LT	LO
	Pressed steel swivel brackets, heavy duty brackets, with stem fitting	Pressed steel twin wheel swivel brackets, heavy duty brackets, with top plate fitting	Malleable cast iron swivel brackets with top plate fitting	Welded steel heavy duty swivel brackets
<b>For wheel Ø</b>	125 - 200 mm	60 - 125 mm	65 - 150 mm	125 - 250 mm
<b>Load capacity</b>	up to 800 kg	up to 500 kg	up to 750 kg	up to 1200 kg
<b>Bracket structure</b>	Heavy pressed steel parts, heavy fork and top plate, double ball bearing in the swivel head, four hardened bearing seats, very strong bolted and secured welded steel plug-in stem. Minimum wear at high loads. Particularly insensitive to shock and impact loads.	Heavy pressed steel parts, heavy fork and top plate, double ball bearing in the swivel head, four hardened bearing seats, very strong bolted and secured central kingpin. Minimum wear at high loads. Particularly insensitive to shock and impact loads.	Malleable cast iron, double ball bearing in the swivel head, fitted grease nipple (wheel Ø 65-80 mm: single ball bearing).	Sturdy welded steel construction, double ball bearing in the swivel head, four hardened bearing seats, fitted grease nipple, bolted and secured with a welded very strong central kingpin.
<b>Surface</b>	Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, blue-passivated, Cr6-free.
<b>Swivel head seal</b>	Ball protection by the special swivel head design.	Ball protection by the special swivel head design.	Ball protection by the special swivel head design.	Ball protection by labyrinth design.
<b>Maintenance under standard conditions</b>	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.
<b>Temperature resistance</b>	-30° C to +130° C	-30° C to +130° C	-30° C to +130° C	-30° C to +130° C
<b>Fitting types</b>	Stem fitting	Top plate fitting	Top plate fitting	Top plate fitting
<b>Brake systems</b> (ref. to page 80-83)				
' stop-fix '	✓			
' stop-top '	✓			
' central-stop '				
' ideal-stop '				
' Radstop '				
Directional lock				✓
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Steel foot guard (-FS)</li> <li>■ Stainless steel axle tube (-XA)</li> </ul>			<ul style="list-style-type: none"> <li>■ Plate size 175x140 mm (-35)</li> <li>■ Steel foot guard (-FS)</li> <li>■ Truck lock (FF..)</li> <li>■ Stainless steel axle tube (-XA)</li> </ul>
<b>Matching fixed bracket series</b>		BOD	BT	B0
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>	<ul style="list-style-type: none"> <li>■ For fixed castors the long plate side is parallel to the wheel axle.</li> </ul>		



**Blickle swivel and fixed castor bracket series**

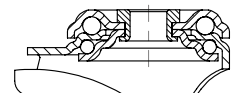
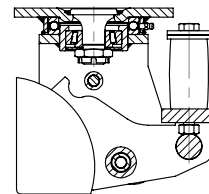
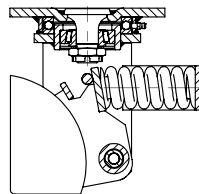
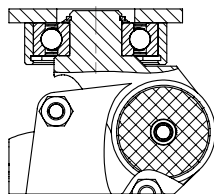
## Swivel brackets for heavy duty castors / Spring-loaded heavy duty swivel brackets



Series	LOD Welded steel heavy duty twin wheel swivel brackets	LS Welded steel heavy duty swivel brackets, strong swivel head design	LSD Welded steel heavy duty twin wheel swivel brackets, strong swivel head design	LHF Pressed steel swivel brackets, heavy duty brackets, with steel spring
<b>For wheel Ø</b>	75 - 125 mm	100 - 620 mm	80 - 500 mm	100 - 200 mm
<b>Load capacity</b>	up to 1200 kg	up to 12000 kg	up to 20000 kg	up to 800 kg
<b>Bracket structure</b>	Sturdy welded steel construction, double ball bearing in the swivel head, four hardened bearing seats, fitted grease nipple, bolted and secured with a welded very strong central kingpin.	Particularly rugged welded steel construction, axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, fitted grease nipple, bolted and secured with a welded very strong central kingpin.	Particularly rugged welded steel construction, axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, fitted grease nipple, bolted and secured with a welded very strong central kingpin.	Heavy pressed steel parts, heavy fork and top plate, double ball bearing in the swivel head, four hardened bearing seats, very strong bolted and secured central kingpin. Minimum wear at high loads. Particularly insensitive to shock and impact loads. Rugged hinged plate construction with steel spring mechanism.
<b>Surface</b>	Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, yellow-passivated, Cr6-free or lacquered, red.	Zinc-plated, yellow-passivated, Cr6-free or lacquered, red.	Zinc-plated, blue-passivated, Cr6-free.
<b>Swivel head seal</b>	Ball protection by labyrinth design.	Ball protection by sealing ring and labyrinth design.	Ball protection by sealing ring and labyrinth design.	Ball protection by the special swivel head design.
<b>Maintenance under standard conditions</b>	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.
<b>Temperature resistance</b>	-30° C to +130° C	-30° C to +100° C	-30° C to +100° C	-30° C to +130° C
<b>Fitting types</b>	Top plate fitting	Top plate fitting	Top plate fitting	Top plate fitting
<b>Brake systems</b> (ref. to page 80-83)				
'stop-fix'				
'stop-top'		✓		
'central-stop'				
'ideal-stop'				
'Radstop'		✓	✓	✓
Directional lock		✓	✓	
<b>Options</b>		<ul style="list-style-type: none"> <li>■ Steel foot guard (-FS)</li> <li>■ Sprung foot guard (-FG)</li> <li>■ Truck lock (FF..)</li> <li>■ Stainless steel axle tube (-XA)</li> </ul>	<ul style="list-style-type: none"> <li>■ Steel foot guard (-FS)</li> </ul>	
<b>Matching fixed bracket series</b>	BOD	BS	BSD	BHF
<b>Additional considerations</b>	<ul style="list-style-type: none"> <li>■ For fixed castors the long plate side is parallel to the wheel axle.</li> </ul>		<ul style="list-style-type: none"> <li>■ For fixed castors the long plate side is parallel to the wheel axle.</li> </ul>	

**Blickle swivel and fixed castor bracket series**

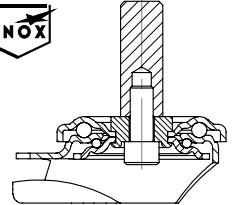
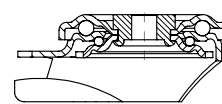
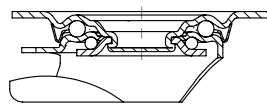
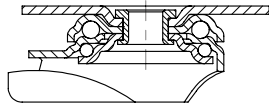
Spring-loaded heavy duty swivel brackets / Stainless steel swivel brackets for light duty castors



Series	LPFE Heavy duty swivel brackets with polyurethane torsion springs	LSFN Welded steel heavy duty swivel brackets with steel spring	LSFE Welded steel heavy duty swivel brackets with polyurethane spring	LRXA / LKRXA Stainless steel light duty swivel brackets with bolt hole fitting
<b>For wheel Ø</b>	100 - 150 mm	160 - 300 mm	160 - 250 mm	50 - 125 mm
<b>Load capacity</b>	up to 500 kg	up to 2400 kg	up to 1800 kg	up to 120 kg
<b>Bracket structure</b>	Sturdy steel construction, heavy duty forged fork, with either one or two (wheel Ø 125x50 mm or larger) sealed, lubricated for life grooved ball bearings in the swivel head. Excellent spring damper characteristics due to the patented Woodruff key design.	Particularly rugged welded steel construction, axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Rugged hinged plate construction.	Particularly rugged welded steel construction, axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Rugged hinged plate construction.	Pressed chromium-nickel stainless steel parts, double ball bearing in the swivel head, with strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant.
<b>Surface</b>	Zinc-plated, yellow-passivated, Cr6-free.	Zinc-plated, yellow-passivated, Cr6-free.	Zinc-plated, yellow-passivated, Cr6-free.	Vibration-ground finished.
<b>Swivel head seal</b>		Ball protection by sealing ring and labyrinth design.	Ball protection by sealing ring and labyrinth design.	Ball protection by the special swivel head design.
<b>Maintenance under standard conditions</b>	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.
<b>Temperature resistance</b>	-20° C to +80° C	-30° C to +100° C	-20° C to +80° C	-30° C to +130° C
<b>Fitting types</b>	Top plate fitting	Top plate fitting	Top plate fitting	Bolt hole fitting
<b>Brake systems</b> (ref. to page 80-83)				
'stop-fix'				✓
'stop-top'				
'central-stop'				
'ideal-stop'				
'Radstop'		✓	✓	
Directional lock		✓	✓	
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Stem fitting (-ZA)</li> </ul>		<ul style="list-style-type: none"> <li>■ Alternative spring tension</li> </ul>	<ul style="list-style-type: none"> <li>■ Expander fitting for round and square tubes (refer to page 352)</li> <li>■ Stainless steel plug-in stem (-ZAX51)</li> <li>■ Bumper (refer to page 352)</li> </ul>
<b>Matching fixed bracket series</b>	BPFE	BSFN	BSFE	BRXA, BKRXA
<b>Additional considerations</b>			<ul style="list-style-type: none"> <li>■ The spring characteristics are adjustable by a simple elastomer spring replacement.</li> </ul>	<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>

## Blickle swivel and fixed castor bracket series

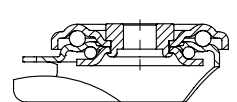
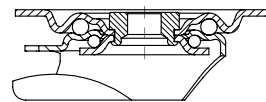
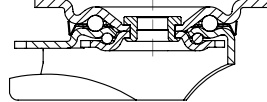
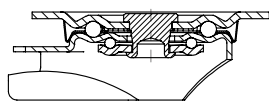
### Stainless steel swivel brackets for light duty and transport equipment castors



Series	LPXA / LKPXA Stainless steel light duty swivel brackets with top plate fitting	LEX Stainless steel swivel brackets with top plate fitting	LEXR Stainless steel swivel brackets with bolt hole fitting	LEXZ Stainless steel swivel brackets with stem fitting
<b>For wheel Ø</b>	50 - 125 mm	75 - 200 mm	75 - 200 mm	75 - 200 mm
<b>Load capacity</b>	up to 120 kg	up to 300 kg	up to 300 kg	up to 300 kg
<b>Bracket structure</b>	Pressed chromium-nickel stainless steel parts, double ball bearing in the swivel head, with strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant.	Pressed chromium-nickel stainless steel parts, double ball bearing in the swivel head. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant.	Pressed chromium-nickel stainless steel parts, double ball bearing in the swivel head, with strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant.	Pressed chromium-nickel stainless steel parts, double ball bearing in the swivel head. The stainless steel plug-in stem and strong central kingpin are either firmly bolted and secured or made of one piece. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant.
<b>Surface</b>	Vibration-ground finished.	Vibration-ground finished.	Vibration-ground finished.	Vibration-ground finished.
<b>Swivel head seal</b>	Ball protection by the special swivel head design.	Ball protection by an integrated ball spacer in the supporting swivel bearing.	Ball protection by the special swivel head design.	Ball protection by the special swivel head design.
<b>Maintenance under standard conditions</b>	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.
<b>Temperature resistance</b>	-30° C to +130° C	-30° C to +70° C	-30° C to +130° C	-30° C to +130° C
<b>Fitting types</b>	Top plate fitting	Top plate fitting	Bolt hole fitting	Stem fitting
<b>Brake systems</b> (ref. to page 80-83)				
'stop-fix'	✓	✓	✓	✓
'stop-top'				
'central-stop'				
'ideal-stop'		✓		
'Radstop'				
Directional lock		✓		
<b>Options</b>		<ul style="list-style-type: none"> <li>■ Automatic direction reset device (-RIR2)</li> <li>■ Castor suitable for machine washing (DIN 18867-8) (-GKN)</li> <li>■ Synthetic foot guard (-FP)</li> </ul>	<ul style="list-style-type: none"> <li>■ Synthetic foot guard (-FP)</li> </ul>	<ul style="list-style-type: none"> <li>■ Synthetic foot guard (-FP)</li> </ul>
<b>Matching fixed bracket series</b>	BPXA, BKPXA	BX		
<b>Additional considerations</b>			<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>	<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>

## Blickle swivel and fixed castor bracket series

Stainless steel swivel brackets for transport equipment castors / Heat-resistant pressed steel swivel brackets

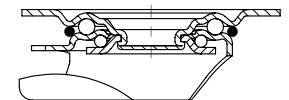
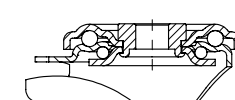
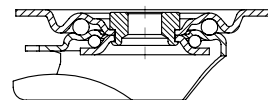
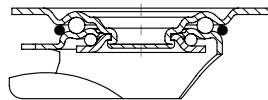


Series	LX	LKX	LI	LIR
	Stainless steel swivel brackets, medium duty brackets, with top plate fitting	Stainless steel heavy duty swivel brackets with top plate fitting	Heat-resistant pressed steel swivel brackets with top plate fitting	Heat-resistant pressed steel swivel brackets with bolt hole fitting
<b>For wheel Ø</b>	100 - 200 mm	75 - 200 mm	80 - 200 mm	80 - 125 mm
<b>Load capacity</b>	up to 400 kg	up to 800 kg	up to 400 kg	up to 150 kg
<b>Bracket structure</b>	Pressed chromium-nickel stainless steel parts, double ball bearing in the swivel head, with strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant.	Heavy pressed chromium-nickel stainless steel parts, double ball bearing in the swivel head, with strong central kingpin (wheel Ø 125x50 - 200 mm). The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant.	Pressed steel parts, double ball bearing in the swivel head, with strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications.	Pressed steel parts, double ball bearing in the swivel head, with strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications.
<b>Surface</b>	Vibration-ground finished.	Vibration-ground finished.	Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, blue-passivated, Cr6-free.
<b>Swivel head seal</b>	Ball protection by an integrated ball spacer in the supporting swivel bearing.	Ball protection by an integrated ball spacer in the supporting swivel bearing.	Ball protection by the special swivel head design.	Ball protection by the special swivel head design.
<b>Maintenance under standard conditions</b>	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.
<b>Temperature resistance</b>	-30° C to +70° C	-30° C to +70° C	-35° C to +270° C, temporarily up to +300° C	-35° C to +270° C, temporarily up to +300° C
<b>Fitting types</b>	Top plate fitting	Top plate fitting	Top plate fitting	Bolt hole fitting
<b>Brake systems</b> (ref. to page 80-83)				
'stop-fix'	✓	✓	✓	✓
'stop-top'	✓	✓		
'central-stop'				
'ideal-stop'				
'Radstop'				
Directional lock	✓			
<b>Options</b>	<ul style="list-style-type: none"> <li>■ Synthetic foot guard (-FP)</li> </ul>	<ul style="list-style-type: none"> <li>■ Automatic direction reset device (-RIR2)</li> </ul>	<ul style="list-style-type: none"> <li>■ Teflon-coated stainless steel axle tube (-XAT)</li> </ul>	<ul style="list-style-type: none"> <li>■ Teflon-coated stainless steel axle tube (-XAT)</li> </ul>
<b>Matching fixed bracket series</b>	BX	BKX	B, BI	
<b>Additional considerations</b>			<ul style="list-style-type: none"> <li>■ At high temperatures, the passivation may slightly alter, but the corrosion protection remains intact.</li> </ul>	<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> <li>■ At high temperatures, the passivation may slightly alter, but the corrosion protection remains intact.</li> </ul>



## Blickle swivel and fixed castor bracket series

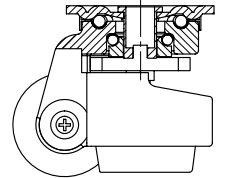
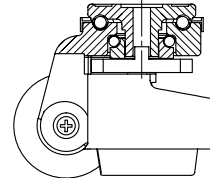
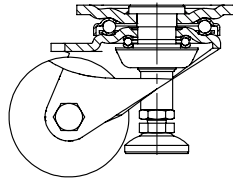
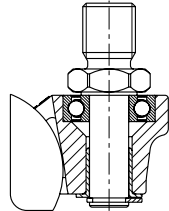
### Heat-resistant pressed steel and stainless steel swivel brackets



Series	LIK	LIX	LIXR	LIKX
For wheel Ø	100 - 125 mm	80 - 200 mm	80 - 125 mm	100 - 125 mm
Load capacity	up to 350 kg	up to 400 kg	up to 150 kg	up to 300 kg
Bracket structure	Heavy pressed steel parts, double ball bearing in the swivel head. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications.	Pressed chromium-nickel stainless steel parts, double ball bearing in the swivel head, with strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications. All parts incl. axle material are corrosion-resistant.	Pressed chromium-nickel stainless steel parts, double ball bearing in the swivel head, with strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications. All parts incl. axle material are corrosion-resistant.	Heavy pressed chromium-nickel stainless steel parts, double ball bearing in the swivel head, with strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications. All parts incl. axle material are corrosion-resistant.
Surface	Zinc-plated, blue-passivated, Cr6-free.	Vibration-ground finished.	Vibration-ground finished.	Vibration-ground finished.
Swivel head seal	Ball protection by a highly heat-resistant sealing ring.	Ball protection by the special swivel head design.	Ball protection by the special swivel head design.	Ball protection by a highly heat-resistant sealing ring.
Maintenance under standard conditions	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.
Temperature resistance	-35° C to +270° C, temporarily up to +300° C	-35° C to +270° C, temporarily up to +300° C	-35° C to +270° C, temporarily up to +300° C	-35° C to +270° C, temporarily up to +300° C
Fitting types	Top plate fitting	Top plate fitting	Bolt hole fitting	Top plate fitting
Brake systems (ref. to page 80-83)				
'stop-fix'	✓	✓	✓	✓
'stop-top'				
'central-stop'				
'ideal-stop'				
'Radstop'				
Directional lock				
Options	<ul style="list-style-type: none"> <li>■ Teflon-coated stainless steel axle tube (-XAT)</li> </ul>	<ul style="list-style-type: none"> <li>■ Swivel head without grease (-OF)</li> <li>■ Teflon-coated stainless steel axle tube (-XAT)</li> </ul>	<ul style="list-style-type: none"> <li>■ Swivel head without grease (-OF)</li> <li>■ Teflon-coated stainless steel axle tube (-XAT)</li> </ul>	<ul style="list-style-type: none"> <li>■ Teflon-coated stainless steel axle tube (-XAT)</li> </ul>
Matching fixed bracket series	BK, BIK	BX		BKX
Additional considerations	<ul style="list-style-type: none"> <li>■ At high temperatures, the passivation may slightly alter, but the corrosion protection remains intact.</li> </ul>		<ul style="list-style-type: none"> <li>■ To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>	

## Blickle swivel and fixed castor bracket series

### Swivel brackets for compact castors and levelling castors



Series	LD Twin wheel swivel brackets	HRLH / HRLHD Pressed steel heavy duty swivel brackets for levelling castors, with top plate fitting	HRIG Swivel brackets for levelling castors with bolt hole fitting (female thread)	HRP / HRSP Swivel brackets for levelling castors with top plate fitting
<b>For wheel Ø</b>	50 - 60 mm	75 mm	45 - 72 mm	45 - 90 mm
<b>Load capacity</b>	up to 250 kg	up to 600 kg	up to 750 kg	up to 2000 kg
<b>Bracket structure</b>	Zinc die-cast swivel bracket, with high-quality ball bearing in the swivel head, with zinc-plated steel threaded pin M16x20.	Heavy pressed steel parts, heavy fork and top plate, double ball bearing in the swivel head, four hardened bearing seats, very strong bolted and secured central kingpin. Minimum wear at high loads. Particularly insensitive to shock and impact loads. Steel truck lock.	Die-cast aluminium, ball bearing in the swivel head, forged hexagon steel plate, hard rubber truck lock.	Die-cast aluminium, ball bearing in the swivel head, with steel top plate fitting, hard rubber or aluminium (HRSP) truck lock, black.
<b>Surface</b>	Steel threaded pin: Zinc-plated, blue-passivated, Cr6-free.	Zinc-plated, blue-passivated, Cr6-free.	Powder-coated, colour ivory. Steel parts: Zinc-plated, blue-passivated, Cr6-free.	Powder-coated, colour ivory. Steel parts: Zinc-plated, blue-passivated, Cr6-free.
<b>Swivel head seal</b>		Ball protection by the special swivel head design.	Sealing ring.	Sealing ring.
<b>Maintenance under standard conditions</b>	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.	Maintenance-free, lubricated with long-life grease.
<b>Temperature resistance</b>	-20° C to +60° C	-30° C to +90° C	-10° C to +90° C	-10° C to +90° C
<b>Fitting types</b>	Threaded pin	Top plate fitting	Bolt hole fitting (female thread)	Top plate fitting
<b>Brake systems</b> (ref. to page 80-83)				
' stop-fix '				
' stop-top '				
' central-stop '				
' ideal-stop '				
' Radstop '				
Directional lock				
<b>Options</b>			<ul style="list-style-type: none"> <li>Stainless steel version</li> </ul>	<ul style="list-style-type: none"> <li>Stainless steel version</li> </ul>
<b>Matching fixed bracket series</b>				
<b>Additional considerations</b>			<ul style="list-style-type: none"> <li>To attain the maximum load capacity the entire top plate must be in contact with the appliance or equipment.</li> </ul>	

## Fitting types



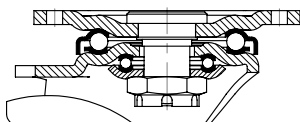
**Plate**  
(Top plate)

The castors are fitted to any equipment with a flat base by means of bolts and nuts. The bolt hole spacings are standardised. Plate fittings are available for swivel and fixed castors and used for light duty, transport equipment and heavy duty castors. For castors with directional lock the shorter side of the top plate has to be aligned in driving direction.

The following dimensions have to be considered when selecting plate fittings:

- Plate size (external dimension)
- Bolt hole spacing
- Bolt hole  $\emptyset$

Top plate drawings with external dimensions and bolt hole spacings: Refer to page 76-79.



**Bolt hole**

With bolt hole fittings, a connection element (e.g. a bolt) is pushed through the bolt hole of the swivel head. Levelling castors consist of a bolt hole with internal thread and the connection element is screwed into the central kingpin of the swivel bracket from the side of the equipment.

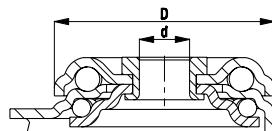
The load capacities indicated are only attained if the entire diameter of the top plate of the swivel castor is in contact with the appliance or equipment.

This type of fitting does not offer a positive location fit and therefore reduces the load capacity of the swivel head locking.

The fitting of the castor is cost effective as only a bolt (ideally in acc. to DIN 912) is necessary. This type of fitting is mainly used for light duty and transport equipment castors.

The following dimensions have to be considered when selecting bolt hole fittings:

- Plate  $\emptyset$  (external dimension) (D)
- Bolt hole  $\emptyset$  (d)



**Steel plug-in stem**

The castors are fitted by means of a plug-in stem which can be inserted into a corresponding tube or hole and secured in place. The stem is firmly connected to the castor and can be secured against turning or loosening by means of a fixing bolt (cross hole). For castors with directional lock the fixing hole position has to be aligned at right angle to the driving direction.

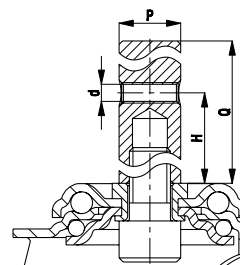
The load capacities indicated are only attained if the entire diameter of the top plate of the swivel castor is in contact with the appliance or equipment.

Stem fittings are mainly used for light duty and transport equipment castors.

Stainless steel plug-in stems are available for stainless steel swivel castors.

The following dimensions have to be considered when selecting plug-in stem fittings:

- Stem  $\emptyset$  (P)
- Stem length (Q)
- Position retaining hole if available (H)
- $\emptyset$  retaining hole if available (d)



**Threaded pin**

(Product code suffix: -GS...)

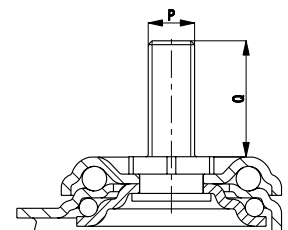
The castors are fitted to the transport unit by means of a threaded pin which is tightened to a thread or a cylindrical hole and a nut.

Threaded pin fittings are mainly used for light duty castors.

Stainless steel threaded pins (-GSX...) are available for synthetic corrosion-resistant swivel castors.

The following dimensions have to be considered when selecting threaded pin fittings:

- Threaded pin  $\emptyset$  (P)
- Length of the threaded pin (protrusion from the castor) (Q)



## Fitting types



### Plug-in pin

(Product code suffix: -ES)

The castors are fitted by means of plug-in pins which are inserted into an accommodating tube or hole by means of synthetic castor sockets.

The plug-in pin is firmly connected with the castor. A spring ring secures the swivel castor against loosening.

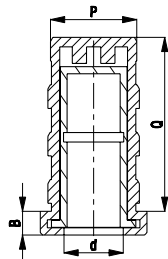
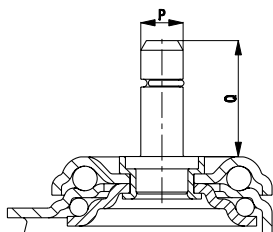
This fitting does not have an anti-twist lock therefore a swivel head locking is not effective.

With plug-in pin fittings, the castors can be quickly and cost effectively fitted to equipment.

Plug-in pin fittings are mainly used for light duty castors.

The following dimensions have to be considered when selecting plug-in pin fittings:

- Plug-in pin  $\emptyset$  (P)
- Length of the plug-in pin (Q)



### Synthetic castor sockets for round tubes

(Product code: RHR...)

Synthetic castor sockets are adapters which reduce the internal diameter of tubes to the plug-in pin's diameter. The synthetic castor socket is pressed or driven into the accommodating recess (round tube).

Then, the swivel castor is inserted into the castor socket by means of a plug-in pin.

The following dimensions have to be considered when selecting synthetic castor sockets:

- Internal tube  $\emptyset$  (P)
- Plug-in pin  $\emptyset$  (d)
- Fitting length (Q)
- Flange length (B)

### Metal expander

(Product code suffix: -E...)

The castors are fitted by means of a metal expander which is inserted into a hole or a round or square tube. When screwing the bolt, the wedges are expanded and firmly pressed against the inner tube wall. The tightening torque should be max. 50 Nm. With reduced loads, the torque can be reduced to 16 Nm for thin-walled tubes.

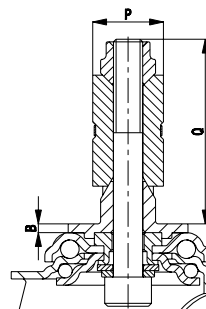
A hexagon socket on the underside prevents the expander turning in the fitting tube and any uncontrolled loosening.

Metal expander fittings are mainly used for light duty and synthetic castors.

The following dimensions have to be considered when selecting expander fittings:

- Internal tube dimension (P)
- Tube shape (round or square tube)
- Fitting length (Q)
- Flange length (B)

Refer to 'Options' page 111 and 126



### Synthetic expander

(Product code suffix: -ER.../-EV...)

The castors are fitted by means of a synthetic expander which is inserted into a hole or a round or square tube. When screwing the bolt, the wedge is expanded and firmly pressed against the inner tube wall. In contrast to the metal expander fittings the inner tube surface is protected. However, the fitting's retention force is lower than with metal expander fittings.

A hexagon socket on the underside prevents the expander turning in the fitting tube and any uncontrolled loosening.

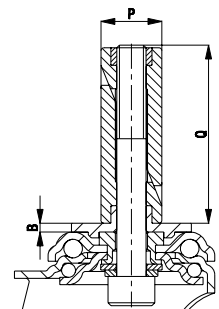
Synthetic expander fittings are used for light duty and synthetic castors.

As option synthetic expanders are available with corrosion-resistant clamping bolt (-EXR.../-EXV...).

The following dimensions have to be considered when selecting expander fittings:

- Internal tube dimension (P)
- Tube shape (round or square tube)
- Fitting length (Q)
- Flange length (B)

Refer to 'Options' page 111, 126 and 352





## Fitting types

### Plate fitting

#### Top plate fittings for light duty and synthetic castors

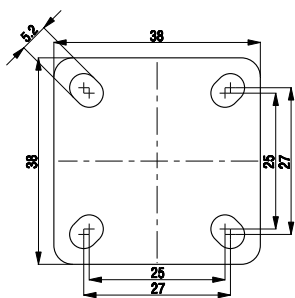


Plate No. 20

Used in bracket series:

LKDB: Wheel Ø 50 mm

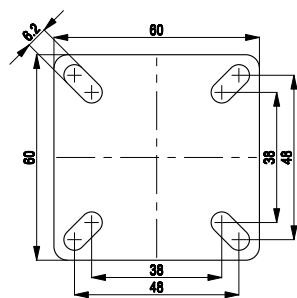


Plate No. 22

Used in bracket series:

LPA/BPA: Wheel Ø 35-100 mm  
 LPXA/BPXA: Wheel Ø 50-75 mm  
 LDA: Wheel Ø 50 mm

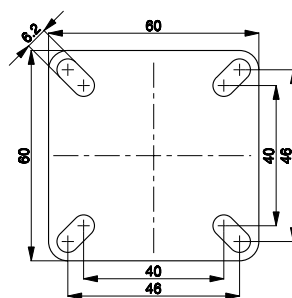


Plate No. 23

Used in bracket series:

LDA: Wheel Ø 75 mm  
 LKDG/LKDB: Wheel Ø 75-100 mm

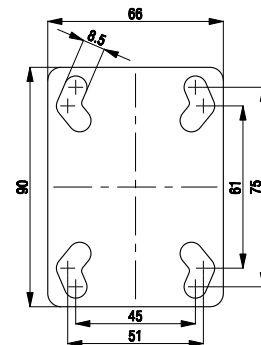


Plate No. 25

Used in bracket series:

LKPA/BKPA: Wheel Ø 80-150 mm  
 LKPXA/BKPXA: Wheel Ø 80-125 mm  
 LWK/LWG-P25: Wheel Ø 100-125 mm  
 LWKX/LWG-PX25: Wheel Ø 100-125 mm

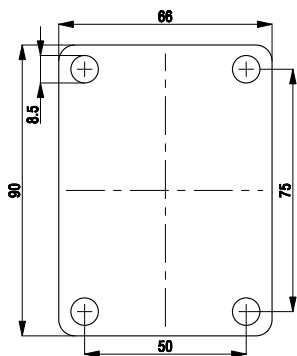


Plate No. 26

Used in bracket series:

LKPXA/BKPXA: Wheel Ø 125 mm  
 LWKX/LWG-PX26: Wheel Ø 125 mm

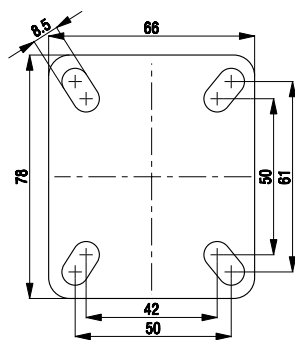


Plate No. 28

Used in bracket series:

LWK/LWG-P28: Wheel Ø 100-125 mm

## Fitting types

### Plate fitting

#### Top plate fittings for transport equipment and heavy duty castors

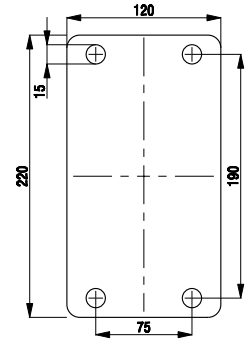
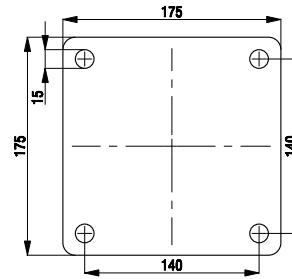
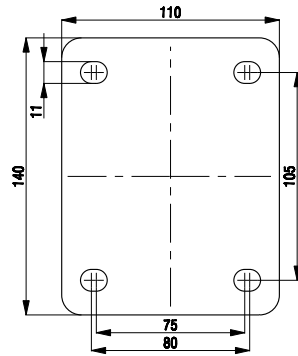
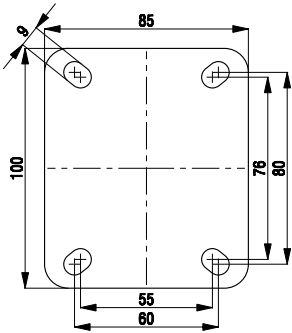


Plate No. 1

Plate No. 3

Plate No. 7

Plate No. 9

Used in bracket series:

LE/B:	Wheel Ø	60-125 mm
LEX/BX:	Wheel Ø	75-200 mm
L/B:	Wheel Ø	75-125 mm
LX/BX:	Wheel Ø	100-125 mm
LI/B:	Wheel Ø	80-125 mm
LIX/BX:	Wheel Ø	80-125 mm
LK/BK:	Wheel Ø	75-125 mm
LKX/BKX:	Wheel Ø	75-125 mm
LIK/BIK:	Wheel Ø	100-125 mm
LIKX/BKX:	Wheel Ø	100-125 mm
LH/BH:	Wheel Ø	75-125 mm
LHD:	Wheel Ø	60-80 mm
LHF/BHF:	Wheel Ø	100-125 mm
LPFE/BPFE:	Wheel Ø	100-125 mm
HRLH/HRLHD:	Wheel Ø	75 mm

Used in bracket series:

LE/B:	Wheel Ø	150-200 mm
LEX/BX:	Wheel Ø	150-200 mm
L/B:	Wheel Ø	140-250 mm
LX/BX:	Wheel Ø	150-200 mm
LI/BI:	Wheel Ø	150-200 mm
LIX/BX:	Wheel Ø	150-200 mm
LK/BK:	Wheel Ø	100-200 mm
LKX/BKX:	Wheel Ø	125-200 mm
LU/BH:	Wheel Ø	125-200 mm
LH/BH:	Wheel Ø	100-250 mm
LHD:	Wheel Ø	80-125 mm
LO/BO:	Wheel Ø	125-300 mm
LOD/BOD:	Wheel Ø	75-125 mm
LS/BS:	Wheel Ø	100-200 mm
LSD/BSD:	Wheel Ø	80-125 mm
LHF/BHF:	Wheel Ø	100-200 mm
LPFE/BPFE:	Wheel Ø	125-150 mm
LSFN/BSFN:	Wheel Ø	160-200 mm
LSFE/BSFE:	Wheel Ø	160-200 mm

Used in bracket series:

L:	Wheel Ø	250-280 mm
----	---------	------------

Used in bracket series:

B:	Wheel Ø	250-280 mm
----	---------	------------

## Fitting types

### Plate fitting

#### Top plate fittings for heavy duty castors

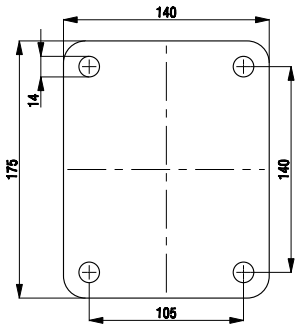


Plate No. 35

Used in bracket series:

LS/BS: Wheel Ø 150-400 mm  
 LSD/BSD: Wheel Ø 100-200 mm  
 LSFN/BSFN: Wheel Ø 200-250 mm  
 LSFN/BSFE: Wheel Ø 200-250 mm

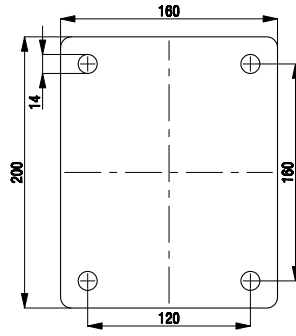


Plate No. 36

Used in bracket series:

LS/BS: Wheel Ø 300-520 mm  
 LSFN/BSFN: Wheel Ø 250-300 mm  
 LSFN/BSFE: Wheel Ø 250 mm

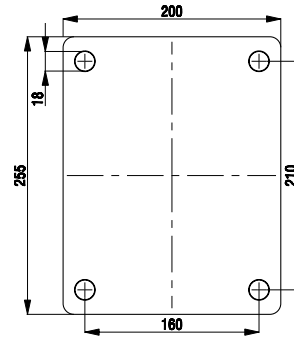


Plate No. 38

Used in bracket series:

LS/BS: Wheel Ø 200-620 mm  
 LSD/BSD: Wheel Ø 125-360 mm

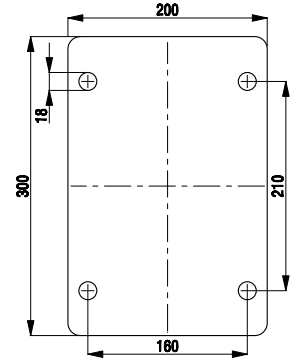


Plate No. 39

Used in bracket series:

BSD: Wheel Ø 300 mm

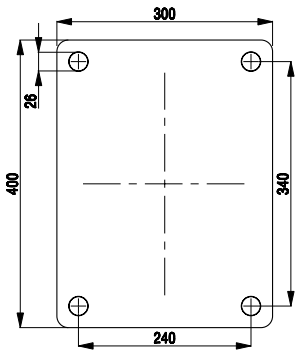


Plate No. 42

Used in bracket series:

LS/BS: Wheel Ø 250-600 mm  
 LSD/BSD: Wheel Ø 250-500 mm

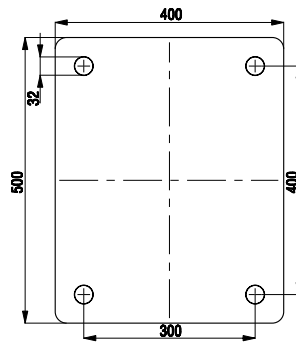


Plate No. 45

Used in bracket series:

LSD/BSD: Wheel Ø 300-400 mm

## Fitting types

### Plate fitting

#### Top plate fittings for levelling and malleable cast iron castors

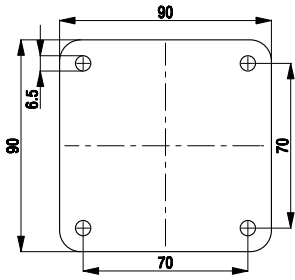


Plate No. 72

Used in bracket series:

HRP: Wheel Ø 45-50 mm

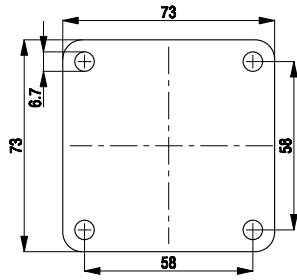


Plate No. 74

Used in bracket series:

HRP: Wheel Ø 50 mm

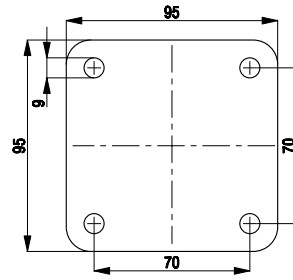


Plate No. 76

Used in bracket series:

HRP: Wheel Ø 63 mm

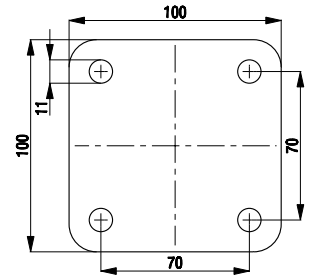


Plate No. 78

Used in bracket series:

HRP: Wheel Ø 72 mm  
HRSP: Wheel Ø 90 mm

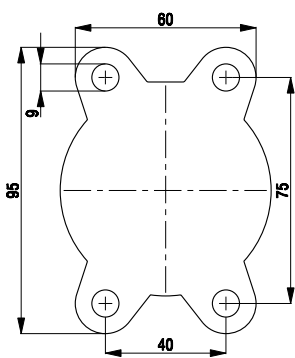


Plate No. 89

Used in bracket series:

LT/BT: Wheel Ø 65 mm

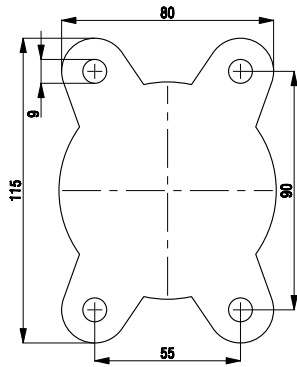


Plate No. 91

Used in bracket series:

LT/BT: Wheel Ø 75-80 mm

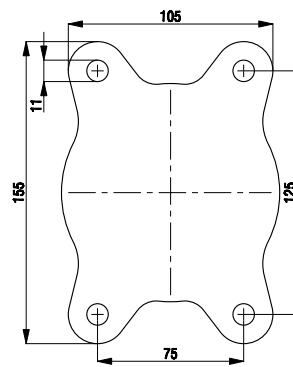


Plate No. 92

Used in bracket series:

LT/BT: Wheel Ø 100-125 mm

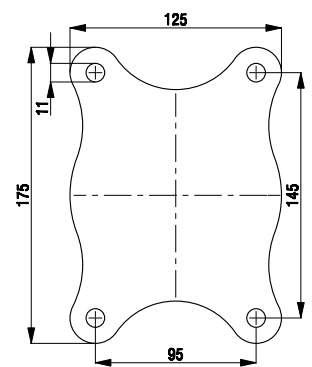


Plate No. 93

Used in bracket series:

LT/BT: Wheel Ø 150 mm



## Options

### Wheel and swivel head brakes

#### Blickle wheel and swivel head brakes

With brake systems the rolling and swivel motions of swivel castors can be locked (wheel and swivel head brakes).

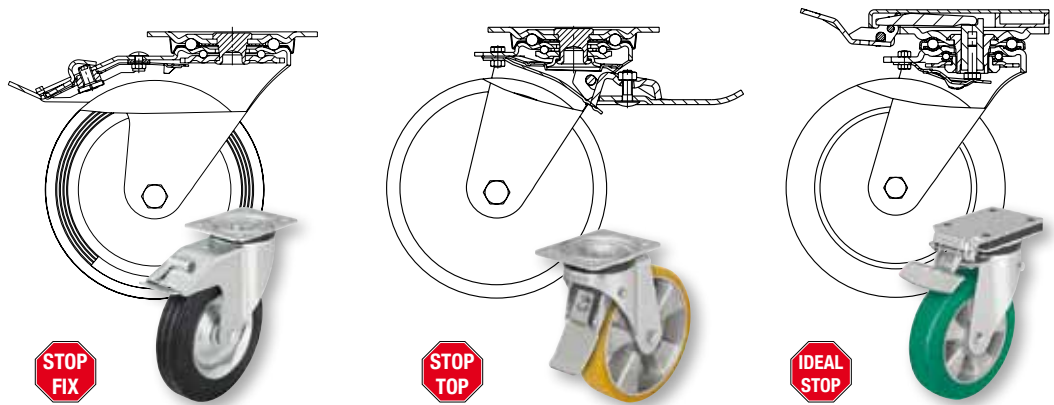
'Non-trailing', 'trailing', 'stationary' or 'central' brake systems are used.

Related to the rolling direction, 'non-trailing' brake systems are fitted to the front and 'trailing' brake systems to the rear of the castors.

'Stationary' brake systems do not rotate with the swivel head. The brake lever remains in the same position at all times. 'Central' brake systems have the advantage that two or more castors operated at the transport equipment can be locked by one brake lever.

The selection of a suitable brake system depends on the requirements based upon user-friendliness, fitting conditions, and user-specific accident prevention measures.

If brake systems are combined with wheels with very soft tread/tyres (e.g. VW, VWPP, P, PK, PS wheel series), the brake forces are reduced.



#### Blickle wheel and swivel head brakes 'stop-fix'

(Product code suffix: -FI)

##### For light duty, transport equipment and heavy duty castors

This 'trailing' brake system provides a positive locking of the swivel head (LU series: non-positive).

The locking of the wheel is achieved by a non-positive, very strong brake mechanism, designed for high security and long service life.

A brake spring engages in a toothed spherical disc and locks both the swivel head and the wheel due to the special design of the spring. (LU series: non-positive locking of the swivel head).

The holding pressure is adjustable and readjustable for LK and LKX bracket series (wheel Ø 125x50 mm or larger) as well as LU and LH bracket series.

The design of this brake system meets the requirement for a small swivel radius.

#### Blickle wheel and swivel head brakes 'stop-top'

(Product code suffix: -ST)

##### For transport equipment and heavy duty castors

This 'non-trailing' brake system provides a non-positive locking of the swivel head. The locking of the wheel is achieved by a non-positive, very strong brake mechanism, designed for high security and long service life.

The holding pressure is adjustable and readjustable.

The rotation radius of the brake lever is mostly positioned within the wheel's swivel radius.

#### Blickle wheel and swivel head brakes 'ideal-stop'

(Product code suffix: -IS)

##### For transport equipment and heavy duty castors

This 'stationary' brake system does not rotate together with the swivel castor and can therefore be always operated at the same position and provides a non-positive locking of the swivel head.

For certain castor series and dimensions the non-positive locking is replaced by a positive locking.

The locking of the wheel is achieved by a non-positive, very strong brake mechanism, designed for high security and long service life.

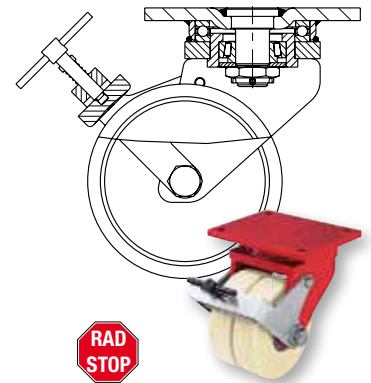
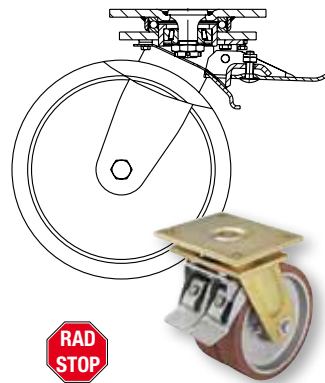
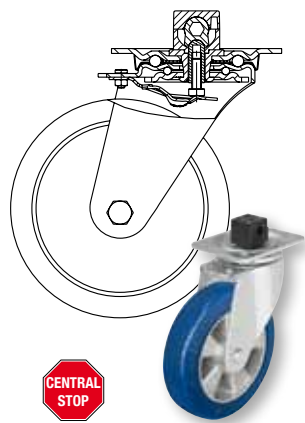
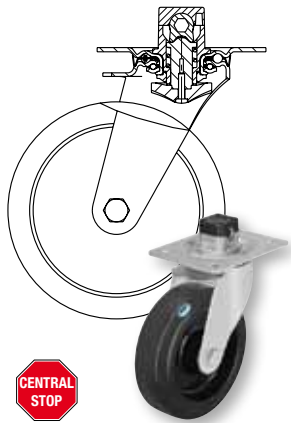
The holding pressure is adjustable and readjustable.

The castors of the LK and LH bracket series equipped with these brakes have a total height which exceeds that of castors without 'ideal-stop' by 17 mm. A synthetic adapter plate (product code: AP3) is available for the height adjustment of castors without these brakes.

Refer to 'Options' on product pages.

## Options

### Wheel and swivel head brakes



#### Blickle central brakes 'central-stop'

(Product code suffix: -CS...)

#### Blickle central brakes 'central-stop'

(Product code suffix: -CS...)

#### Blickle wheel brakes 'Radstop'

(Product code suffix: -RA)

#### Blickle wheel brakes 'Radstop'

(Product code suffix: -RAH)

##### For transport equipment castors LE and LK series

This brake system provides a non-positive locking of the swivel head. The locking of the wheel is achieved by a non-positive, very strong brake mechanism, designed for high security and long service life.

This brake system has the advantage that two or more castors operated at the transport equipment can be locked by one brake lever at the same time. Depending on the brake lever length, low forces by the operator are required to apply and to release the brake. Another benefit is the small operational angle and the space saving design of the cam housing. The cam rotates independently from its housing and the swivel castor.

Blickle central brake system for synthetic castors (detailed description refer to page 126).

##### For transport equipment and heavy duty castors L and LH series

This brake system provides a non-positive locking of the swivel head. The non-positive locking is supported by a positive locking. The locking of the wheel is achieved by a non-positive, very strong brake mechanism, designed for high security and long service life.

This brake system has the advantage that two or more castors operated at the transport equipment can be locked by one brake lever at the same time. Depending on the brake lever length, low forces by the operator are required to apply and to release the brake. Another benefit is the very small operational angle and the space saving design of the cam housing. The cam rotates independently from its housing and the swivel castor.

The holding pressure is adjustable and readjustable.

##### For heavy duty castors (foot-operated)

The locking of the wheel is achieved by a non-positive, simple, very strong brake mechanism, designed for high security and long service life. The wheel brake is operated by foot and provides very strong braking forces, facilitating a safe fixation of even extremely heavy loads. With twin wheel castors, these brakes control both wheels.

##### For heavy duty castors (hand-operated)

The locking of the wheel is achieved by a non-positive, simple, very strong brake mechanism, designed for high security and long service life. The wheel brake is manually operated and provides very strong braking forces, facilitating a safe fixation of even extremely heavy loads. With twin wheel castors, these brakes control both wheels.

Matching brake levers upon request



Matching brake levers upon request



## Options

### Brakes / Truck locks / Jacks



#### Blickle drum brake

(Product code suffix: -TB / -TBL / -TBR)

This brake system consists of two integrated brake shoes which, when operated, are pressed onto a cast iron wheel centre which is configured as a brake drum. The drum brake characterizes a high braking performance with a low operation force. The brake can be operated by methods such as a cable pull or a lever arm. The enclosed design protects the brake shoes against corrosion and dirt. Therefore the brake performance is not affected by wet conditions or road contamination.

Drum brakes in heavy duty version are supplied in left (product code suffix: -TBL) and right (product code suffix: -TBR) versions.

Refer to chapter 26, page 482.

#### Blickle dead man's brake

(Product code suffix: -TML / -TMR)

The dead man's brake is based on a drum brake, however an integrated spring ensures the brake is applied in a non-operated condition. With a cable pull or lever arm the brake can be released.

Dead man's brakes are available in left (product code suffix: -TML) and right (product code suffix: -TMR) versions.

Refer to chapter 26, page 482.

#### Blickle truck lock

(Product code: FF...)

Truck locks can be fitted to transport equipment, enabling them to be locked in their resting position. By operating the pedal the transport equipment is held in place without being lifted.

Truck locks can be combined with LH, LO and LS castor series and deflect by approx. 10 mm when operated.

Refer to chapter 26, page 483.

#### Blickle jack

(Product code: WH...)

Blickle jacks can be fitted to transport equipment, enabling them to be lifted whilst in their resting position. The transport equipment is lifted by operating the pedal.

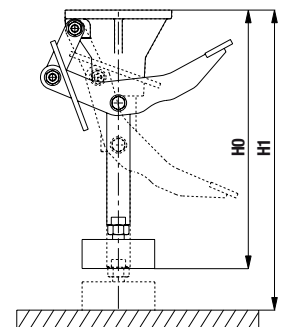
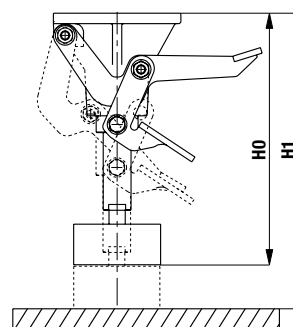
Jacks can be combined with various castor series. The jacks provide their best performance if the total height of the operated jack (H1) is 5 mm higher than the selected swivel or fixed castors. Depending on the weight of the person operating the transport equipment, the lifting force is between 150 kg and 250 kg.

Refer to chapter 26, page 483.

Product code	Total height unoperated (H0) [mm]	Total height operated, fully extended (H1) [mm]
FF 125	142	180
FF 150	170	208
FF 160	175	213
FF 200	217	255

Product code	Total height unoperated (H0) [mm]	Total height operated (H1) [mm]
WH 160	166	209
WH 200	207	250
WH 250	257	300

#### Construction drawing drum brake



## Options

### Directional locks



**Blickle directional lock for pressed steel swivel castors**  
(Product code: RI...)

Directional locks will lock the swivel motion of a swivel castor to specified directional positions. Swivel castors with activated directional locks can assume the function of fixed castors.

These directional locks are supplied as separate parts and must be fitted together with the swivel castor. Retro-fitting is also possible as no structural adjustments of the swivel castor bracket are required.

This option is available for various swivel castor series.  
Refer to 'Options' on product pages.



**Blickle directional lock for welded steel swivel castors**  
(Product code suffix: -RI...)

Directional locks will lock the swivel motion of a swivel castor to specified directional positions. Swivel castors with activated directional locks can assume the function of fixed castors.

These directional locks are integrated units which are welded to the top plate. In addition to the standard positions of 180° (product code suffix: -RI2, two locking positions) and 90° (product code suffix: -RI4, four locking positions), these directional locks can also be adapted to customer-specific locking requests. This version is rugged and adapted to heavy duty castor applications.

This option is available for various welded steel swivel castor series.  
Refer to 'Options' on product pages.



**Blickle directional lock for heavy duty swivel castors**  
(Product code suffix: -RI4H)

Directional locks will lock the swivel motion of a swivel castor to specified directional positions. Swivel castors with activated directional locks can assume the function of fixed castors.

These directional locks are units which are integrated to the top plate and offer four locking positions (90°) which are fixed by inserting a locating pin. This version is extremely rugged and adapted to heavy duty castor applications.

This option is available for various heavy duty swivel castor series.  
Refer to 'Options' on product pages.



**Blickle directional lock, combined with wheel brake for synthetic swivel castors**  
(Product code suffix: -RIFI)

Swivel castor series Blickle WAVE with wheel diameter 125 mm is available with a combination of directional lock and wheel brake. The system is operated in two stages. This 'trailing' locking system provides a positive locking of the swivel head in stage one as the brake spring engages in a toothed spherical disc. In stage two the braking mechanism provides a non-positive locking of the wheel.

#### Detailed view directional lock





## Options



### Automatic direction reset device

(Product code suffix: -RIR2)

Automatic direction reset devices align swivel castors to specified directional positions in an unloaded state.

This mechanism reduces handling interferences of transport vehicles which are used in automated installations as well as loading and unloading stations.

The RIR2-mechanism is dimensioned for a particularly long service life.

Customer-specific adjustments in regards of restoring forces and fixations are possible as special versions.



### Thread guard

(Product code suffix: -FA or -FK)

Thread guards are available as pressed steel, zinc-plated, blue-passivated, Cr6-free (product code suffix: -FA) or synthetically injection-moulded (product code suffix: -FK) versions.

They prevent threads winding around the wheel axle, resulting in wheel jamming. As, in addition to the hub, these thread guards also cover the entire wheel centre, they also protect the wheel bearings against dirt.

This option is available for numerous swivel and fixed castor series. Refer to 'Options' on product pages.



### Foot guard

(Product code suffix: -FS, -FP or -FG)

Foot guards are available as pressed steel, zinc-plated, blue-passivated, Cr6-free (product code suffix: -FS) or as impact-resistant synthetically injection-moulded (polyethylene) (product code suffix: -FP) versions. The foot guard is bolted or welded to the bracket and protects feet from injuries. The distance to the floor is 15-25 mm as standard.

Varying distances to the floor or sprung zinc-plated, blue-passivated, Cr6-free foot guard versions (product code suffix: -FG) are available as special versions.

This option is available for numerous swivel and fixed castor series. Refer to 'Options' on product pages.



### Bumper

(Product code: AW..., AG... or ARG...)

In collisions, bumpers will help prevent wall and vehicle damage.

Bumpers for round and square tubes are made of polyethylene or solid rubber and are available in grey white, silver grey or grey colour. Bumpers are fixed or attached to the outer edge of the tubular frame of the vehicle.

Refer to 'Options' pages 111, 127 and 352.

In addition, rotating bumpers (product code suffix: -AMW(X), -AMG(X)) are available for synthetic castors Blickle WAVE. These will help prevent further scraping of the walls. The bumpers are directly fitted to the castors by means of a bolt. Refer to page 127.

### Sprung foot guard



## Options



### Hub cap for end wheels

(Product code suffix: -E)

Wheel caps are pressed steel, zinc-plated, blue-passivated, Cr6-free. They protect the outer ball bearings against dirt, dust, etc. and cover the end of the axle and the wheel fitting in end wheel applications. The outer ball bearing is slightly recessed in order to allow for a smooth fitting of the end cap to the wheel hub's ball bearing seat. This reduces the clamping length.

This option is available for various wheel series.

Refer to 'Options' on product pages.



### STARLOCK® stainless steel cap

(Product code: ST-KA...)

With STARLOCK®-caps, light wheels can easily be fitted to an axle. The wheel is placed on the axle as end wheel and the STARLOCK®-cap is pressed onto the outer axle to retain the wheel. STARLOCK®-caps are available for the following axle diameters: 12, 15, 20 and 25 mm.



### Stainless steel axle tube

(Product code suffix: -XA)

Stainless steel axle tubes are fitted to Blickle stainless steel swivel and fixed castors as standard.

Also available fitted to standard zinc-plated swivel and fixed castors to prevent wheel jamming caused by corrosion (e.g. in wet applications). With large diameter differences (external to internal axle diameter), two nylon bushings are pressed into the stainless steel axle tube.

This option is available for various swivel and fixed castor series.  
Refer to 'Options' on product pages.



### Teflon-coated stainless steel axle tube

(Product code: XAT...)

Teflon-coated stainless steel axle tubes consist of a stainless steel axle tube with teflon sheath. During operation (under rotation and load), the teflon sheath expands to cover the inner side of the wheel's plain bore. The teflon sheath then rotates around the stainless steel axle tube together with the wheel giving excellent sliding characteristics.

This option is available for various heat-resistant wheel series.  
Refer to 'Options' on product pages.

## Light duty wheels and castors

1



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Series: TPA

## Wheels with thermoplastic rubber tread, with polypropylene wheel centre

50 - 130 kg

RoHS



1

<b>Tread &amp; tyre hardness</b>	85° shore A
<b>Temperature resistance</b>	-20° C - +60° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

**TPA-wheel series:**

**Tread:** Made of high-quality thermoplastic rubber-elastomer (TPE), 85° shore A hardness, high operational comfort, low-noise operation, low rolling and swivel resistance, good floor preservation, colour grey, non-marking, chemically bonded for an inseparable connection with the wheel centre.

(Material description page 38)

**Wheel centre:** Made of high-quality, impact-resistant polypropylene, colour silver grey (colour black for electrically conductive '-ELS' version).

**Bearing types:**

- Plain bore, corrosion-resistant
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected polypropylene, with integrated synthetic thread guard, lubricated with long-life grease.

**Other features:**

Very high chemical resistance to many aggressive substances (table page 36-37).  
 Operating temperature: -20° C to +60° C.  
 At ambient temperatures above +30° C the load capacity is reduced.  
 Maintenance-free under standard conditions.  
 The tread contains traces of oil. On absorbent surfaces this can cause some staining. As an option we recommend wheels from the VPA, VGA (page 93) or PATH (page 99) series.

**Wheel series overview page 42**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
TPA 50/8G	50	19	50	Plain bore	8	22
TPA 50/6K-FK	50	19	50	Ball bearing (C)	6	23
TPA 75/8G	75	25	75	Plain bore	8	29.5
TPA 75/6K-FK	75	25	75	Ball bearing (C)	6	31
TPA 80/12G	80	32	100	Plain bore	12	35
TPA 80/8K-FK	80	32	100	Ball bearing (C)	8	36
TPA 100/8G	100	25	90	Plain bore	8	29.5
TPA 101/12G	100	32	110	Plain bore	12	35
TPA 101/8K-FK	100	32	110	Ball bearing (C)	8	36
TPA 126/12G	125	32	125	Plain bore	12	35
TPA 126/8K-FK	125	32	125	Ball bearing (C)	8	36
TPA 150/12G	150	32	130	Plain bore	12	36
TPA 150/12K	150	32	130	Ball bearing	12	33

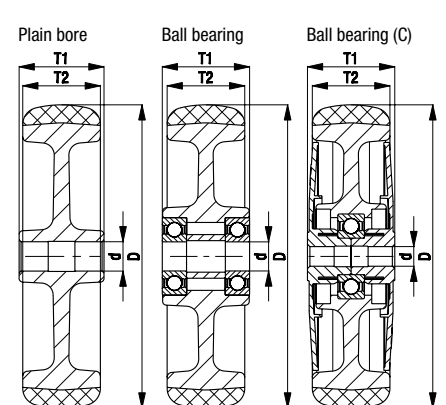
For further dimensions refer to page 145



**Options**

	Image plain bore version	Electrically conductive version, non-marking grey *	Wheel with additional ball bearing seals
Technical description page		36, 38	61
<b>Product code suffix</b>		<b>-ELS</b>	<b>-KD</b>
Available for		wheel Ø 50-125 mm	wheel Ø 50-125 mm

\* Load capacity is reduced by 35 %





Series: LRA-TPA, BRA-TPA, LKRA-TPA, BKRA-TPA

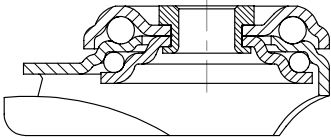
## Light duty castors with bolt hole fitting, wheel with thermoplastic rubber tread

50 - 120 kg

RoHS



1



**Brackets:** LRA/BRA, LKRA/BKRA series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Brake lever for swivel castors with 'stop-fix' brake: LRA series are made of synthetic, LKRA series are made of steel.  
Bracket overview: Page 62  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.  
Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey (black for electrically conductive '-ELS' version).  
Bearing types: Plain bore, two pressed-in ball bearings or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard.  
Detailed description: Page 88 and 42



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRA-TPA 50G	BRA-TPA 50G	LRA-TPA 50G-FI *	50	19	50	Plain bore	69	43	11	25
LRA-TPA 50K-FK	BRA-TPA 50K-FK	LRA-TPA 50K-FI-FK *	50	19	50	Ball bearing (C)	69	43	11	25
LRA-TPA 75G	BRA-TPA 75G	LRA-TPA 75G-FI *	75	25	75	Plain bore	98	43	11	29
LRA-TPA 75K-FK	BRA-TPA 75K-FK	LRA-TPA 75K-FI-FK *	75	25	75	Ball bearing (C)	98	43	11	29
LKRA-TPA 80G	BKRA-TPA 80G	LKRA-TPA 80G-FI	80	32	100	Plain bore	108	57	13	40
LKRA-TPA 80G-11		LKRA-TPA 80G-11-FI	80	32	100	Plain bore	108	57	11	40
LKRA-TPA 80K-FK	BKRA-TPA 80K-FK	LKRA-TPA 80K-FI-FK	80	32	100	Ball bearing (C)	108	57	13	40
LKRA-TPA 80K-11-FK		LKRA-TPA 80K-11-FI-FK	80	32	100	Ball bearing (C)	108	57	11	40
LRA-TPA 100G		LRA-TPA 100G-FI *	100	25	70	Plain bore	121	43	11	33
LKRA-TPA 101G	BKRA-TPA 101G	LKRA-TPA 101G-FI	100	32	110	Plain bore	133	57	13	40
LKRA-TPA 101G-11		LKRA-TPA 101G-11-FI	100	32	110	Plain bore	133	57	11	40
LKRA-TPA 101K-FK	BKRA-TPA 101K-FK	LKRA-TPA 101K-FI-FK	100	32	110	Ball bearing (C)	133	57	13	40
LKRA-TPA 101K-11-FK		LKRA-TPA 101K-11-FI-FK	100	32	110	Ball bearing (C)	133	57	11	40
LKRA-TPA 126G	BKRA-TPA 126G	LKRA-TPA 126G-FI	125	32	120	Plain bore	158	57	13	40
LKRA-TPA 126G-11		LKRA-TPA 126G-11-FI	125	32	120	Plain bore	158	57	11	40
LKRA-TPA 126K-FK	BKRA-TPA 126K-FK	LKRA-TPA 126K-FI-FK	125	32	120	Ball bearing (C)	158	57	13	40
LKRA-TPA 126K-11-FK		LKRA-TPA 126K-11-FI-FK	125	32	120	Ball bearing (C)	158	57	11	40
LKRA-TPA 150K	BKRA-TPA 150K	LKRA-TPA 150K-FI	150	32	110	Ball bearing	182	57	13	40
LKRA-TPA 150K-11		LKRA-TPA 150K-11-FI	150	32	110	Ball bearing	182	57	11	40

\* Brake lever made of synthetic, refer to image below  
For stainless steel versions refer to page 344



### Options \*\*

	Image plain bore version	Image with synthetic brake lever	Electrically conductive version, non-marking grey ***	With threaded pin M10 x 30 M12 x 30	With plug-in pin Ø 11 x 30.5 ****	With synthetic expander fitting	With metal expander fitting
Technical description page			36, 38	74	75	75	75
Product code suffix			-ELS	-GS10 / -GS12	-ES	refer to page 111	refer to page 111
Available for		LRA...FI series as standard	wheel Ø 50-125 mm	-GS10: LRA series -GS12: LKRA series	LRA series swivel castors	swivel castors bolt hole Ø11 (except ELS)	swivel castors with bolt hole Ø 11 mm

\*\* Additional options:  
1. Brackets in special colours (electrostatic powder coating), available upon request  
2. Bumpers AG / ARG series refer to page 111 (technical description page 84)  
\*\*\* Load capacity is reduced by 35 % \*\*\*\* For suitable synthetic castor sockets for round tubes refer to page 111

Series: LPA-TPA, BPA-TPA, LKPA-TPA, BKPA-TPA

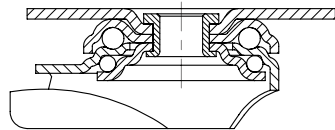
## Light duty castors with top plate fitting, wheel with thermoplastic rubber tread

50 - 120 kg

✓RoHS



1



**Brackets:** LPA/BPA, LKPA/BKPA series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free.

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking. Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey (black for electrically conductive '-ELS' version).

Bearing types: Plain bore, two pressed-in ball bearings or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard.

Detailed description: Page 88 and 42

Bracket overview: Page 62  
Top plate drawings: Page 76  
Wheel and swivel head 'stop-fix' brake: Page 80

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPA-TPA 50G	BPA-TPA 50G	LPA-TPA 50G-FI *	50	19	50	Plain bore	71	60 x 60	38x38/48x48	6.2	25
LPA-TPA 50K-FK	BPA-TPA 50K-FK	LPA-TPA 50K-FI-FK *	50	19	50	Ball bearing (C)	71	60 x 60	38x38/48x48	6.2	25
LPA-TPA 75G	BPA-TPA 75G	LPA-TPA 75G-FI *	75	25	75	Plain bore	100	60 x 60	38x38/48x48	6.2	29
LPA-TPA 75K-FK	BPA-TPA 75K-FK	LPA-TPA 75K-FI-FK *	75	25	75	Ball bearing (C)	100	60 x 60	38x38/48x48	6.2	29
LKPA-TPA 80G	BKPA-TPA 80G	LKPA-TPA 80G-FI	80	32	100	Plain bore	111	90 x 66	75x45/61x51	8.5	40
LKPA-TPA 80K-FK	BKPA-TPA 80K-FK	LKPA-TPA 80K-FI-FK	80	32	100	Ball bearing (C)	111	90 x 66	75x45/61x51	8.5	40
LPA-TPA 100G		LPA-TPA 100G-FI *	100	25	70	Plain bore	123	60 x 60	38x38/48x48	6.2	33
LKPA-TPA 101G	BKPA-TPA 101G	LKPA-TPA 101G-FI	100	32	110	Plain bore	136	90 x 66	75x45/61x51	8.5	40
LKPA-TPA 101K-FK	BKPA-TPA 101K-FK	LKPA-TPA 101K-FI-FK	100	32	110	Ball bearing (C)	136	90 x 66	75x45/61x51	8.5	40
LKPA-TPA 126G	BKPA-TPA 126G	LKPA-TPA 126G-FI	125	32	120	Plain bore	161	90 x 66	75x45/61x51	8.5	40
LKPA-TPA 126K-FK	BKPA-TPA 126K-FK	LKPA-TPA 126K-FI-FK	125	32	120	Ball bearing (C)	161	90 x 66	75x45/61x51	8.5	40
LKPA-TPA 150G	BKPA-TPA 150G	LKPA-TPA 150G-FI	150	32	110	Plain bore	185	90 x 66	75x45/61x51	8.5	40
LKPA-TPA 150K	BKPA-TPA 150K	LKPA-TPA 150K-FI	150	32	110	Ball bearing	185	90 x 66	75x45/61x51	8.5	40

\* Brake lever made of synthetic, refer to image below  
For stainless steel versions refer to page 345

### Options



	Image plain bore version	Image with synthetic brake lever	Electrically conductive version, non-marking grey **	Special colours (electrostatic powder coating)
Technical description page			36, 38	
Product code suffix			<b>-ELS</b>	
Available for		LPA...-FI series as standard	wheel Ø 50-125 mm	upon request

\*\* Load capacity is reduced by 35 %

Series: LMDA-TPA

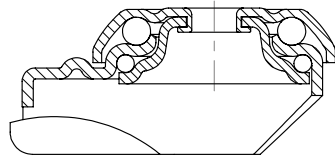
**Light duty twin wheel castors with bolt hole fitting, wheels with thermoplastic rubber tread**

80 - 100 kg

RoHS



1



**Brackets:** LMDA series - Made of pressed steel, with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design, dynamically pressed swivel head.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 62  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.  
Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey (black for electrically conductive '-ELS' version).  
Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard.  
Detailed description: Page 88 and 42

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LMDA-TPA 50G	LMDA-TPA 50G-FI	50	2 x 19	80	Plain bore	71	41	10.2	31
LMDA-TPA 50K-FK	LMDA-TPA 50K-FI-FK	50	2 x 19	80	Ball bearing (C)	71	41	10.2	31
LMDA-TPA 75G	LMDA-TPA 75G-FI	75	2 x 25	100	Plain bore	98	55	10.2	34
LMDA-TPA 75K-FK	LMDA-TPA 75K-FI-FK	75	2 x 25	100	Ball bearing (C)	98	55	10.2	34

**Options**



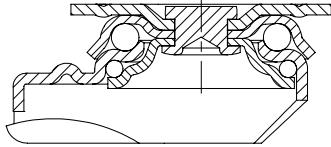
	Image plain bore version	Electrically conductive version, non-marking grey
Technical description page		36, 38
Product code suffix		-ELS
Available for		all sizes

Series: LDA-TPA

## Light duty twin wheel castors with top plate fitting, wheels with thermoplastic rubber tread

80 - 100 kg

✓RoHS



**Brackets:** LDA series - Made of pressed steel, with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design, dynamically pressed swivel head.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 62  
Top plate drawings: Page 76  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.  
Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey (black for electrically conductive '-ELS' version).  
Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard.  
Detailed description: Page 88 and 42



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LDA-TPA 50G	LDA-TPA 50G-FI	50	2 x 19	80	Plain bore	71	60 x 60	38x38/48x48	6.2	31
LDA-TPA 50K-FK	LDA-TPA 50K-FI-FK	50	2 x 19	80	Ball bearing (C)	71	60 x 60	38x38/48x48	6.2	31
LDA-TPA 75G	LDA-TPA 75G-FI	75	2 x 25	100	Plain bore	101	60 x 60	40x40/46x46	6.2	34
LDA-TPA 75K-FK	LDA-TPA 75K-FI-FK	75	2 x 25	100	Ball bearing (C)	101	60 x 60	40x40/46x46	6.2	34

### Options



	Image plain bore version	Electrically conductive version, non-marking grey
Technical description page		36, 38
Product code suffix		-ELS
Available for		all sizes

Series: VPA, VGA

## Wheels with solid rubber tyres, with synthetic rim

40 - 130 kg

RoHS



VPA series

VGA series

1

<b>Tread &amp; tyre hardness</b>		80° shore A
<b>Temperature resistance</b>		-20° C - +60° C
<b>Rolling resistance</b>		good
<b>Operating noise</b>		very good
<b>Floor surface preservation</b>		very good

### VPA, VGA-wheel series:

**Tyres:** Made of high-quality solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour grey, non-marking, non-staining (colour black for electrically conductive '-EL' version, marking).

VGA series: Colour dark grey.

(Material description page 38)

**Rims:** VPA series: Made of high-quality, impact-resistant nylon resp. polypropylene for electrically conductive '-EL' version, colour black.

VGA series: Made of high-quality, impact-resistant polypropylene, injection-moulded rims, colour silver grey.

### Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected polypropylene, with integrated synthetic thread guard, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances, except oils (table page 36-37).  
Operating temperature: -20° C to +60° C.  
At ambient temperatures above +30° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 42**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPA 49/8G *	49	18	40	Plain bore	8	22
VPA 50/8G	50	18	40	Plain bore	8	22
VPA 50/6K	50	18	40	Ball bearing	6	22.5
VPA 75/8G	75	25	60	Plain bore	8	29.5
VPA 75/6K	75	25	60	Ball bearing	6	30
VPA 80/12G	80	25	80	Plain bore	12	35
VPA 80/8K	80	25	80	Ball bearing	8	35
VPA 100/8G	100	25	90	Plain bore	8	29.5
VPA 100/12G	100	25	90	Plain bore	12	29.5
VPA 100/6K	100	25	90	Ball bearing	6	30
VGA 101/8K-FK	100	32	90	Ball bearing (C)	8	36
VPA 101/12G	100	32	110	Plain bore	12	35
VPA 101/8K	100	32	110	Ball bearing	8	35
VPA 125/12G	125	25	100	Plain bore	12	35
VPA 125/8K	125	25	100	Ball bearing	8	35
VGA 126/8K-FK	125	32	100	Ball bearing (C)	8	36
VPA 126/12G	125	32	125	Plain bore	12	35
VPA 126/8K	125	32	125	Ball bearing	8	35
VPA 150/12G	150	30	130	Plain bore	12	35
VPA 150/8K	150	30	130	Ball bearing	8	35

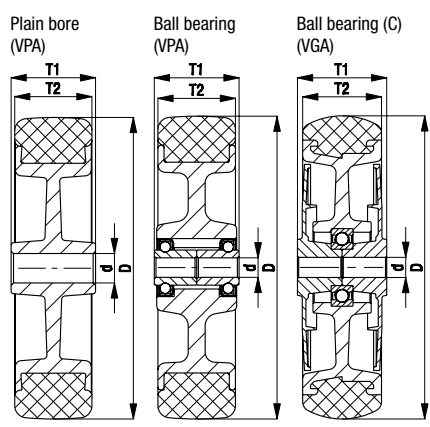
\* Smooth tread



### Options

Image		Electrically conductive version, black tyre **
Technical description page		36, 38
Product code suffix		-EL
Available for		VPA series ball bearing versions

\*\* Load capacity is reduced by 25 %



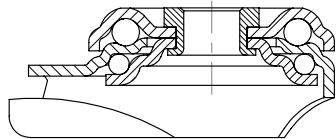


Series: LRA-VPA, BRA-VPA,  
LKRA-VPA, BKRA-VPA, LKRA-VGA, BKRA-VGA

## Light duty castors with bolt hole fitting, wheel with solid rubber tyre

40 - 110 kg

RoHS



**Brackets:** LRA/BRA, LKRA/BKRA series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Brake lever for swivel castors with 'stop-fix' brake: LRA series are made of synthetic, LKRA series are made of steel.  
Bracket overview: Page 62  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPA/VGA series - Tyres: Made of high-quality solid rubber, 80° shore A, grey, non-marking, non-staining.  
VGA series: Dark grey.  
Rims: VPA series: Made of high-quality, impact-resistant nylon resp. polypropylene for electrically conductive '-EL' version, black.  
VGA series: Made of high-quality, impact-resistant polypropylene, injection-moulded rims, silver grey.  
Bearing types: Plain bore, two pressed-in ball bearings or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard.  
Detailed description: Page 93 and 42

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRA-VPA 50G	BRA-VPA 50G	LRA-VPA 50G-FI *	50	18	40	Plain bore	69	43	11	25
LRA-VPA 50K	BRA-VPA 50K	LRA-VPA 50K-FI *	50	18	40	Ball bearing	69	43	11	25
LRA-VPA 75G	BRA-VPA 75G	LRA-VPA 75G-FI *	75	25	60	Plain bore	98	43	11	29
LRA-VPA 75K	BRA-VPA 75K	LRA-VPA 75K-FI *	75	25	60	Ball bearing	98	43	11	29
LKRA-VPA 80G	BKRA-VPA 80G	LKRA-VPA 80G-FI	80	25	80	Plain bore	108	57	13	40
LKRA-VPA 80G-11		LKRA-VPA 80G-11-FI	80	25	80	Plain bore	108	57	11	40
LKRA-VPA 80K	BKRA-VPA 80K	LKRA-VPA 80K-FI	80	25	80	Ball bearing	108	57	13	40
LKRA-VPA 80K-11		LKRA-VPA 80K-11-FI	80	25	80	Ball bearing	108	57	11	40
LRA-VPA 100G		LRA-VPA 100G-FI *	100	25	70	Plain bore	121	43	11	33
LRA-VPA 100K		LRA-VPA 100K-FI *	100	25	70	Ball bearing	121	43	11	33
LKRA-VGA 101K-FK	BKRA-VGA 101K-FK	LKRA-VGA 101K-FI-FK	100	32	90	Ball bearing (C)	133	57	13	40
LKRA-VGA 101K-11-FK		LKRA-VGA 101K-11-FI-FK	100	32	90	Ball bearing (C)	133	57	11	40
LKRA-VPA 101G	BKRA-VPA 101G	LKRA-VPA 101G-FI	100	32	110	Plain bore	133	57	13	40
LKRA-VPA 101G-11		LKRA-VPA 101G-11-FI	100	32	110	Plain bore	133	57	11	40
LKRA-VPA 101K	BKRA-VPA 101K	LKRA-VPA 101K-FI	100	32	110	Ball bearing	133	57	13	40
LKRA-VPA 101K-11		LKRA-VPA 101K-11-FI	100	32	110	Ball bearing	133	57	11	40

\* Brake lever made of synthetic, refer to image below  
For further wheel Ø refer to the next page  
For stainless steel versions refer to page 346

### Options \*\*



	Image VGA series with ball bearing (C)	Image with synthetic brake lever	Electrically conductive version, black tyre ***	With threaded pin M10 x 30 M12 x 30	With plug-in pin Ø 11 x 30.5 ****	With synthetic expander fitting	With metal expander fitting
Technical description page			36, 38	74	75	75	75
Product code suffix			-EL	-GS10 / -GS12	-ES	refer to page 111	refer to page 111
Available for		LRA...FI series as standard	VPA series ball bearing versions	-GS10: LRA series -GS12: LKRA series	LRA series swivel castors	swivel castors bolt hole Ø11 (except EL)	swivel castors with bolt hole Ø 11 mm

\*\* Additional options: 1. Brackets in special colours (electrostatic powder coating), available upon request; 2. Bumpers **AG / ARG series** refer to page 111 (technical description page 84)  
3. Pressed steel thread guard, zinc-plated (-FA), available for VPA series except ...50K (technical description page 84)  
\*\*\* Load capacity is reduced by 25 % \*\*\*\* For suitable synthetic castor sockets for round tubes refer to page 111

Series: LKRA-VPA, BKRA-VPA, LKRA-VGA, BKRA-VGA

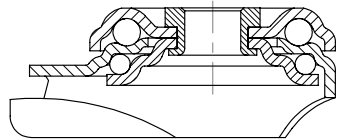
## Light duty castors with bolt hole fitting, wheel with solid rubber tyre

100 - 120 kg

RoHS



1



**Brackets:** LKRA/BKRA series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Brake lever for swivel castors with 'stop-fix' brake made of steel.

Bracket overview: Page 62

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPA/VGA series - Tyres: Made of high-quality solid rubber, 80° shore A, grey, non-marking, non-staining. VGA series: Dark grey.

Rims: VPA series: Made of high-quality, impact-resistant nylon resp. polypropylene for electrically conductive '-EL' version, black.

VGA series: Made of high-quality, impact-resistant polypropylene, injection-moulded rims, silver grey.

Bearing types: Plain bore, two pressed-in ball bearings or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard.

Detailed description: Page 93 and 42



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKRA-VPA 125G	BKRA-VPA 125G	LKRA-VPA 125G-FI	125	25	100	Plain bore	158	57	13	40
LKRA-VPA 125G-11		LKRA-VPA 125G-11-FI	125	25	100	Plain bore	158	57	11	40
LKRA-VPA 125K	BKRA-VPA 125K	LKRA-VPA 125K-FI	125	25	100	Ball bearing	158	57	13	40
LKRA-VPA 125K-11		LKRA-VPA 125K-11-FI	125	25	100	Ball bearing	158	57	11	40
LKRA-VGA 126K-FK	BKRA-VGA 126K-FK	LKRA-VGA 126K-FI-FK	125	32	100	Ball bearing (C)	158	57	13	40
LKRA-VGA 126K-11-FK		LKRA-VGA 126K-11-FI-FK	125	32	100	Ball bearing (C)	158	57	11	40
LKRA-VPA 126G	BKRA-VPA 126G	LKRA-VPA 126G-FI	125	32	120	Plain bore	158	57	13	40
LKRA-VPA 126G-11		LKRA-VPA 126G-11-FI	125	32	120	Plain bore	158	57	11	40
LKRA-VPA 126K	BKRA-VPA 126K	LKRA-VPA 126K-FI	125	32	120	Ball bearing	158	57	13	40
LKRA-VPA 126K-11		LKRA-VPA 126K-11-FI	125	32	120	Ball bearing	158	57	11	40
LKRA-VPA 150G	BKRA-VPA 150G	LKRA-VPA 150G-FI	150	30	110	Plain bore	182	57	13	40
LKRA-VPA 150G-11		LKRA-VPA 150G-11-FI	150	30	110	Plain bore	182	57	11	40
LKRA-VPA 150K	BKRA-VPA 150K	LKRA-VPA 150K-FI	150	30	110	Ball bearing	182	57	13	40
LKRA-VPA 150K-11		LKRA-VPA 150K-11-FI	150	30	110	Ball bearing	182	57	11	40

For stainless steel versions refer to page 346

### Options \*



	Image VGA series with ball bearing (C)	Electrically conductive version, black tyre **	With pressed steel thread guard, zinc-plated	With threaded pin M12 x 30	With synthetic expander fitting	With metal expander fitting	Special colours (electrostatic powder coating)
Technical description page		36, 38	84	74	75	75	
Product code suffix		-EL	-FA	-GS12	refer to page 111	refer to page 111	
Available for		VPA series ball bearing versions	VPA series	swivel castors with bolt hole Ø 13	swivel castors bolt hole Ø11 (except EL)	swivel castors with bolt hole Ø 11 mm	upon request

\* Additional options: Bumpers AG / ARG series refer to page 111 (technical description page 84)

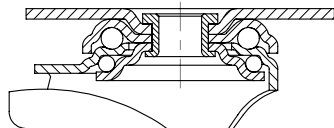
\*\* Load capacity is reduced by 25 %

Series: LPA-VPA, BPA-VPA,  
LKPA-VPA, BKPA-VPA, LKPA-VGA, BKPA-VGA

## Light duty castors with top plate fitting, wheel with solid rubber tyre

40 - 120 kg

✓RoHS



**Brackets:** LPA/BPA, LKPA/BKPA series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free.

Brake lever for swivel castors with 'stop-fix' brake: LPA series are made of synthetic, LKPA series are made of steel.

Bracket overview: Page 62  
Top plate drawings: Page 76  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPA/VGA series - Tyres: Made of high-quality solid rubber, 80° shore A, grey, non-marking, non-staining. VGA series: Dark grey.

Rims: VPA series: Made of high-quality, impact-resistant nylon resp. polypropylene for electrically conductive '-EL' version, black.

VGA series: Made of high-quality, impact-resistant polypropylene, injection-moulded rims, silver grey.

Bearing types: Plain bore, two pressed-in ball bearings or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard.

Detailed description: Page 93 and 42

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPA-VPA 50G	BPA-VPA 50G	LPA-VPA 50G-FI *	50	18	40	Plain bore	71	60 x 60	38x38/48x48	6.2	25
LPA-VPA 50K	BPA-VPA 50K	LPA-VPA 50K-FI *	50	18	40	Ball bearing	71	60 x 60	38x38/48x48	6.2	25
LPA-VPA 75G	BPA-VPA 75G	LPA-VPA 75G-FI *	75	25	60	Plain bore	100	60 x 60	38x38/48x48	6.2	29
LPA-VPA 75K	BPA-VPA 75K	LPA-VPA 75K-FI *	75	25	60	Ball bearing	100	60 x 60	38x38/48x48	6.2	29
LKPA-VPA 80G	BKPA-VPA 80G	LKPA-VPA 80G-FI	80	25	80	Plain bore	111	90 x 66	75x45/61x51	8.5	40
LKPA-VPA 80K	BKPA-VPA 80K	LKPA-VPA 80K-FI	80	25	80	Ball bearing	111	90 x 66	75x45/61x51	8.5	40
LPA-VPA 100G		LPA-VPA 100G-FI *	100	25	70	Plain bore	123	60 x 60	38x38/48x48	6.2	33
LPA-VPA 100K		LPA-VPA 100K-FI *	100	25	70	Ball bearing	123	60 x 60	38x38/48x48	6.2	33
LKPA-VGA 101K-FK	BKPA-VGA 101K-FK	LKPA-VGA 101K-FI-FK	100	32	90	Ball bearing (C)	136	90 x 66	75x45/61x51	8.5	40
LKPA-VPA 101G	BKPA-VPA 101G	LKPA-VPA 101G-FI	100	32	110	Plain bore	136	90 x 66	75x45/61x51	8.5	40
LKPA-VPA 101K	BKPA-VPA 101K	LKPA-VPA 101K-FI	100	32	110	Ball bearing	136	90 x 66	75x45/61x51	8.5	40
LKPA-VPA 125G	BKPA-VPA 125G	LKPA-VPA 125G-FI	125	25	100	Plain bore	161	90 x 66	75x45/61x51	8.5	40
LKPA-VPA 125K	BKPA-VPA 125K	LKPA-VPA 125K-FI	125	25	100	Ball bearing	161	90 x 66	75x45/61x51	8.5	40
LKPA-VGA 126K-FK	BKPA-VGA 126K-FK	LKPA-VGA 126K-FI-FK	125	32	100	Ball bearing (C)	161	90 x 66	75x45/61x51	8.5	40
LKPA-VPA 126G	BKPA-VPA 126G	LKPA-VPA 126G-FI	125	32	120	Plain bore	161	90 x 66	75x45/61x51	8.5	40
LKPA-VPA 126K	BKPA-VPA 126K	LKPA-VPA 126K-FI	125	32	120	Ball bearing	161	90 x 66	75x45/61x51	8.5	40
LKPA-VPA 150G	BKPA-VPA 150G	LKPA-VPA 150G-FI	150	30	110	Plain bore	185	90 x 66	75x45/61x51	8.5	40
LKPA-VPA 150K	BKPA-VPA 150K	LKPA-VPA 150K-FI	150	30	110	Ball bearing	185	90 x 66	75x45/61x51	8.5	40

\* Brake lever made of synthetic, refer to image below  
For stainless steel versions refer to page 347



### Options

	Image VGA series with ball bearing (C)	Image with synthetic brake lever	Electrically conductive version, black tyre **	With pressed steel thread guard, zinc-plated	Special colours (electrostatic powder coating)
Technical description page			36, 38	84	
Product code suffix			-EL	-FA	
Available for		LPA...FI series as standard	VPA series ball bearing versions	VPA series except ...50K	upon request

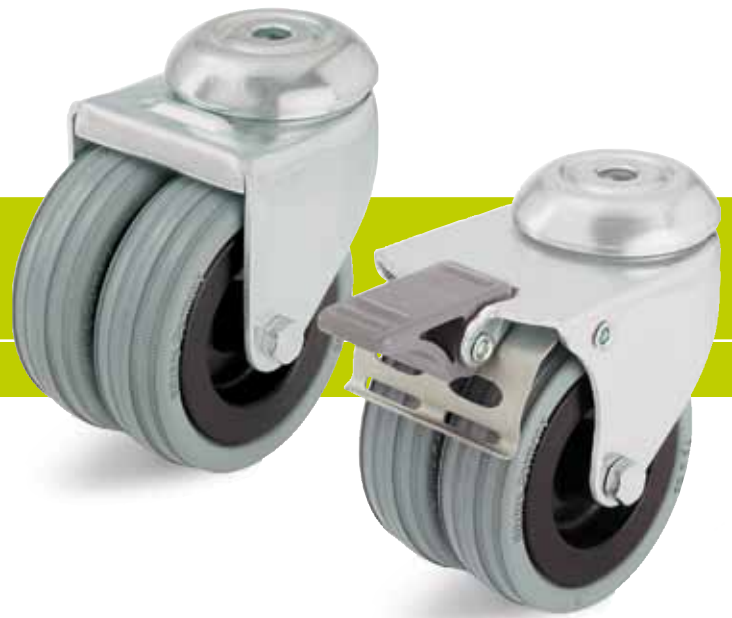
\*\* Load capacity is reduced by 25 %

Series: LMDA-VPA

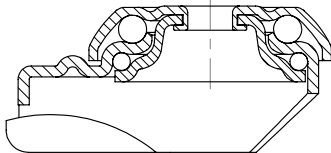
**Light duty twin wheel castors with bolt hole fitting, wheels with solid rubber tyre**

70 - 100 kg

RoHS



1



**Brackets:** LMDA series - Made of pressed steel, with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design, dynamically pressed swivel head.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 62  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPA series - Tyres: Made of high-quality solid rubber, 80° shore A, grey, non-marking, non-staining.  
 Rims: Made of high-quality, impact-resistant nylon resp. polypropylene for electrically conductive '-EL' version, black.  
 Bearing types: Plain bore or two pressed-in ball bearings.  
 Detailed description: Page 93 and 42

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LMDA-VPA 50G	LMDA-VPA 50G-FI	50	2 x 18	70	Plain bore	71	41	10.2	31
LMDA-VPA 50K	LMDA-VPA 50K-FI	50	2 x 18	70	Ball bearing	71	41	10.2	31
LMDA-VPA 75G	LMDA-VPA 75G-FI	75	2 x 25	100	Plain bore	98	55	10.2	34
LMDA-VPA 75K	LMDA-VPA 75K-FI	75	2 x 25	100	Ball bearing	98	55	10.2	34

**Options**



Electrically conductive version, black tyre

Technical description page 36, 38


Product code suffix **-EL**

Available for all ball bearing versions

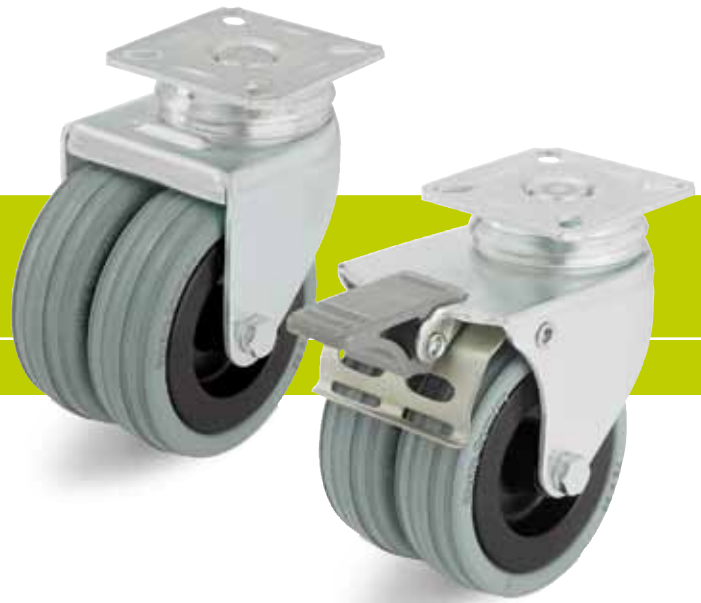


Series: LDA-VPA

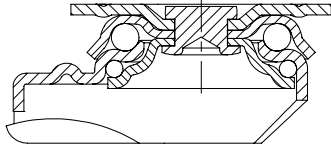
## Light duty twin wheel castors with top plate fitting, wheels with solid rubber tyre

 70 - 100 kg

 RoHS



1



**Brackets:** LDA series - Made of pressed steel, with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design, dynamically pressed swivel head.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 62  
Top plate drawings: Page 76  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPA series - Tyres: Made of high-quality solid rubber, 80° shore A, grey, non-marking, non-staining.  
Rims: Made of high-quality, impact-resistant nylon resp. polypropylene for electrically conductive '-EL' version, black.  
Bearing types: Plain bore or two pressed-in ball bearings.  
Detailed description: Page 93 and 42

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LDA-VPA 50G	LDA-VPA 50G-FI	50	2 x 18	70	Plain bore	71	60 x 60	38x38/48x48	6.2	31
LDA-VPA 50K	LDA-VPA 50K-FI	50	2 x 18	70	Ball bearing	71	60 x 60	38x38/48x48	6.2	31
LDA-VPA 75G	LDA-VPA 75G-FI	75	2 x 25	100	Plain bore	101	60 x 60	40x40/46x46	6.2	34
LDA-VPA 75K	LDA-VPA 75K-FI	75	2 x 25	100	Ball bearing	101	60 x 60	40x40/46x46	6.2	34

### Options



Electrically conductive version, black tyre

Technical description page 36, 38

Product code suffix **-EL**

Available for all ball bearing versions



Series: PATH

## Wheels with thermoplastic polyurethane tread, with nylon wheel centre

75 - 250 kg

RoHS



1

<b>Tread &amp; tyre hardness</b>	94° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

**PATH-wheel series:**

**Tread:** Made of high-quality thermoplastic polyurethane, 94° shore A hardness, low-noise operation, low rolling and swivel resistance, good floor preservation, high abrasion resistance, colour dark grey, non-marking, non-staining, chemically bonded for an inseparable connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of high-quality, impact-resistant nylon, colour silver grey.

**Bearing types:**

- Plain bore, corrosion-resistant
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected nylon, with integrated synthetic thread guard, lubricated with long-life grease.

**Other features:**

Very high chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +35° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 42**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PATH 50/8G	50	19	75	Plain bore	8	22
PATH 50/6K-FK	50	19	75	Ball bearing (C)	6	23
PATH 75/8G	75	25	100	Plain bore	8	29.5
PATH 75/6K-FK	75	25	100	Ball bearing (C)	6	31
PATH 80/12G	80	32	150	Plain bore	12	35
PATH 80/8K-FK	80	32	150	Ball bearing (C)	8	36
PATH 101/12G	100	32	200	Plain bore	12	35
PATH 101/8K-FK	100	32	200	Ball bearing (C)	8	36
PATH 126/12G	125	32	250	Plain bore	12	35
PATH 126/8K-FK	125	32	250	Ball bearing (C)	8	36

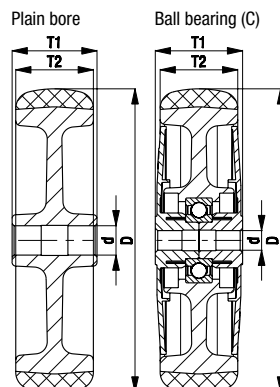
For further dimensions refer to page 208

**Options**



Image	Electrically conductive version, non-marking grey *	Wheel with additional ball bearing seals
Image plain bore version		
Technical description page	36, 39	61
<b>Product code suffix</b>	<b>-ELS</b>	<b>-KD</b>
Available for	all ball bearing versions	all ball bearing versions

\* Load capacity is reduced by 35 %

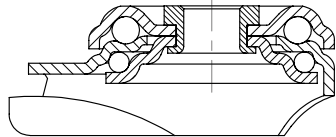
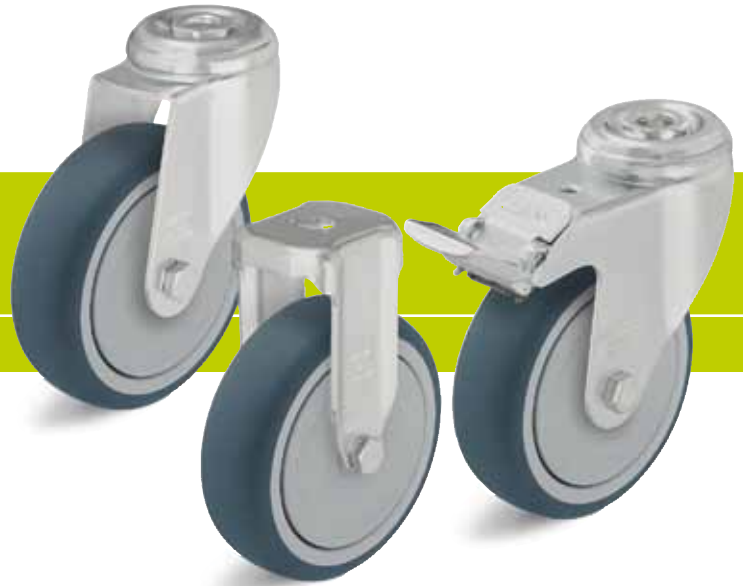


Series: LRA-PATH, BRA-PATH, LKRA-PATH, BKRA-PATH

## Light duty castors with bolt hole fitting, wheel with thermoplastic polyurethane tread

75 - 120 kg

✓RoHS



**Brackets:** LRA/BRA, LKRA/BKRA series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Brake lever for swivel castors with 'stop-fix' brake: LRA series are made of synthetic, LKRA series are made of steel. Bracket overview: Page 62 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PATH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining. Wheel centre: Made of high-quality, impact-resistant nylon, silver grey. Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard. Detailed description: Page 99 and 42



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRA-PATH 50G	BRA-PATH 50G	LRA-PATH 50G-FI *	50	19	75	Plain bore	69	43	11	25
LRA-PATH 50K-FK	BRA-PATH 50K-FK	LRA-PATH 50K-FI-FK *	50	19	75	Ball bearing (C)	69	43	11	25
LRA-PATH 75G	BRA-PATH 75G	LRA-PATH 75G-FI *	75	25	75	Plain bore	98	43	11	29
LRA-PATH 75K-FK	BRA-PATH 75K-FK	LRA-PATH 75K-FI-FK *	75	25	75	Ball bearing (C)	98	43	11	29
LKRA-PATH 80G	BKRA-PATH 80G	LKRA-PATH 80G-FI	80	32	120	Plain bore	108	57	13	40
LKRA-PATH 80G-11		LKRA-PATH 80G-11-FI	80	32	120	Plain bore	108	57	11	40
LKRA-PATH 80K-FK	BKRA-PATH 80K-FK	LKRA-PATH 80K-FI-FK	80	32	120	Ball bearing (C)	108	57	13	40
LKRA-PATH 80K-11-FK		LKRA-PATH 80K-11-FI-FK	80	32	120	Ball bearing (C)	108	57	11	40
LKRA-PATH 101G	BKRA-PATH 101G	LKRA-PATH 101G-FI	100	32	120	Plain bore	133	57	13	40
LKRA-PATH 101G-11		LKRA-PATH 101G-11-FI	100	32	120	Plain bore	133	57	11	40
LKRA-PATH 101K-FK	BKRA-PATH 101K-FK	LKRA-PATH 101K-FI-FK	100	32	120	Ball bearing (C)	133	57	13	40
LKRA-PATH 101K-11-FK		LKRA-PATH 101K-11-FI-FK	100	32	120	Ball bearing (C)	133	57	11	40
LKRA-PATH 126G	BKRA-PATH 126G	LKRA-PATH 126G-FI	125	32	120	Plain bore	158	57	13	40
LKRA-PATH 126G-11		LKRA-PATH 126G-11-FI	125	32	120	Plain bore	158	57	11	40
LKRA-PATH 126K-FK	BKRA-PATH 126K-FK	LKRA-PATH 126K-FI-FK	125	32	120	Ball bearing (C)	158	57	13	40
LKRA-PATH 126K-11-FK		LKRA-PATH 126K-11-FI-FK	125	32	120	Ball bearing (C)	158	57	11	40

\* Brake lever made of synthetic, refer to image below  
For stainless steel versions refer to page 348

### Options \*\*



	Image plain bore version	Image with synthetic brake lever	Electrically conductive version, non-marking grey ***	With threaded pin M10 x 30 M12 x 30	With plug-in pin Ø 11 x 30.5 ****	With synthetic expander fitting	With metal expander fitting
Technical description page			36, 39	74	75	75	75
Product code suffix			-ELS	-GS10 / -GS12	-ES	refer to page 111	refer to page 111
Available for		LRA...FI series as standard	all ball bearing versions	-GS10: LRA series -GS12: LKRA series	LRA series swivel castors	swivel castors bolt hole Ø11 (except ELS)	swivel castors with bolt hole Ø 11 mm

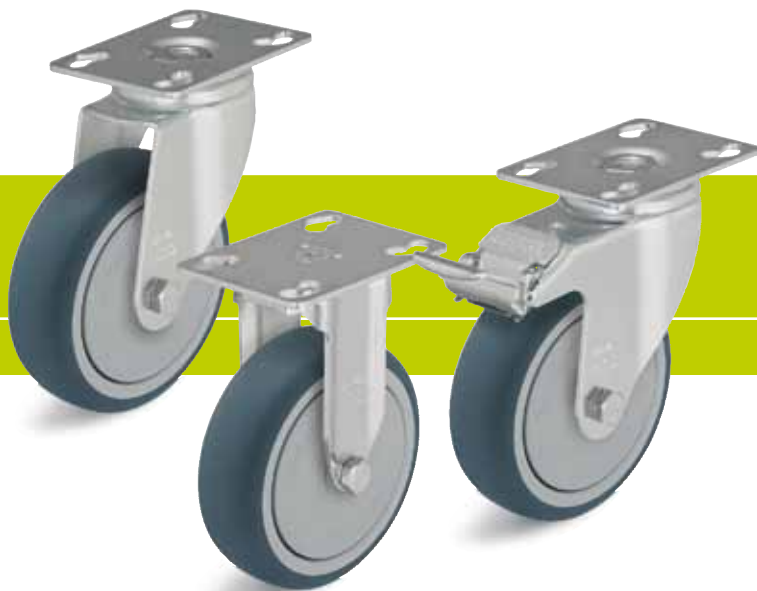
\*\* Additional options:  
1. Brackets in special colours (electrostatic powder coating), available upon request  
2. Bumpers AG / ARG series refer to page 111 (technical description page 84)  
\*\*\* Load capacity is reduced by 35 % \*\*\*\* For suitable synthetic castor sockets for round tubes refer to page 111

Series: LPA-PATH, BPA-PATH, LKPA-PATH, BKPA-PATH

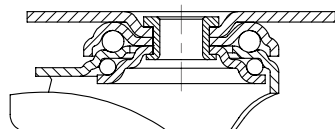
## Light duty castors with top plate fitting, wheel with thermoplastic polyurethane tread

75 - 120 kg

RoHS



1



**Brackets:** LPA/BPA, LKPA/BKPA series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free.

Brake lever for swivel castors with 'stop-fix' brake: LPA series are made of synthetic, LKPA series are made of steel.

Bracket overview: Page 62

Top plate drawings: Page 76

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PATH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.

Wheel centre: Made of high-quality, impact-resistant nylon, silver grey.

Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard.

Detailed description: Page 99 and 42

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPA-PATH 50G	BPA-PATH 50G	LPA-PATH 50G-FI *	50	19	75	Plain bore	71	60 x 60	38x38/48x48	6.2	25
LPA-PATH 50K-FK	BPA-PATH 50K-FK	LPA-PATH 50K-FI-FK *	50	19	75	Ball bearing (C)	71	60 x 60	38x38/48x48	6.2	25
LPA-PATH 75G	BPA-PATH 75G	LPA-PATH 75G-FI *	75	25	75	Plain bore	100	60 x 60	38x38/48x48	6.2	29
LPA-PATH 75K-FK	BPA-PATH 75K-FK	LPA-PATH 75K-FI-FK *	75	25	75	Ball bearing (C)	100	60 x 60	38x38/48x48	6.2	29
LKPA-PATH 80G	BKPA-PATH 80G	LKPA-PATH 80G-FI	80	32	120	Plain bore	111	90 x 66	75x45/61x51	8.5	40
LKPA-PATH 80K-FK	BKPA-PATH 80K-FK	LKPA-PATH 80K-FI-FK	80	32	120	Ball bearing (C)	111	90 x 66	75x45/61x51	8.5	40
LKPA-PATH 101G	BKPA-PATH 101G	LKPA-PATH 101G-FI	100	32	120	Plain bore	136	90 x 66	75x45/61x51	8.5	40
LKPA-PATH 101K-FK	BKPA-PATH 101K-FK	LKPA-PATH 101K-FI-FK	100	32	120	Ball bearing (C)	136	90 x 66	75x45/61x51	8.5	40
LKPA-PATH 126G	BKPA-PATH 126G	LKPA-PATH 126G-FI	125	32	120	Plain bore	161	90 x 66	75x45/61x51	8.5	40
LKPA-PATH 126K-FK	BKPA-PATH 126K-FK	LKPA-PATH 126K-FI-FK	125	32	120	Ball bearing (C)	161	90 x 66	75x45/61x51	8.5	40

\* Brake lever made of synthetic, refer to image below

For stainless steel versions refer to page 349

### Options



	Image plain bore version	Image with synthetic brake lever	Electrically conductive version, non-marking grey **	Special colours (electrostatic powder coating)
Technical description page			36, 39	
Product code suffix			-ELS	
Available for		LPA...-FI series as standard	all ball bearing versions	upon request

\*\* Load capacity is reduced by 35 %

Series: LMDA-PATH

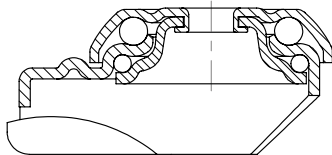
**Light duty twin wheel castors with bolt hole fitting, wheels with thermoplastic polyurethane tread**

80 - 100 kg

RoHS



1



**Brackets:** LMDA series - Made of pressed steel, with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design, dynamically pressed swivel head.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 62  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PATH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.  
Wheel centre: Made of high-quality, impact-resistant nylon, silver grey.  
Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard.  
Detailed description: Page 99 and 42

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LMDA-PATH 50G	LMDA-PATH 50G-FI	50	2 x 19	80	Plain bore	71	41	10.2	31
LMDA-PATH 50K-FK	LMDA-PATH 50K-FI-FK	50	2 x 19	80	Ball bearing (C)	71	41	10.2	31
LMDA-PATH 75G	LMDA-PATH 75G-FI	75	2 x 25	100	Plain bore	98	55	10.2	34
LMDA-PATH 75K-FK	LMDA-PATH 75K-FI-FK	75	2 x 25	100	Ball bearing (C)	98	55	10.2	34

**Options**



	Image plain bore version	Electrically conductive version, non-marking grey
Technical description page		36, 39
Product code suffix		-ELS
Available for		all ball bearing versions

Series: LDA-PATH

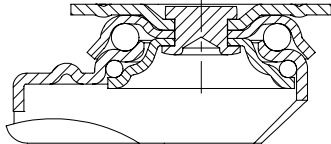
**Light duty twin wheel castors with top plate fitting, wheels with thermoplastic polyurethane tread**

80 - 100 kg

RoHS



1



**Brackets:** LDA series - Made of pressed steel, with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design, dynamically pressed swivel head.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 62  
 Top plate drawings: Page 76  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PATH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.  
 Wheel centre: Made of high-quality, impact-resistant nylon, silver grey.  
 Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard.  
 Detailed description: Page 99 and 42

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LDA-PATH 50G	LDA-PATH 50G-FI	50	2 x 19	80	Plain bore	71	60 x 60	38x38/48x48	6.2	31
LDA-PATH 50K-FK	LDA-PATH 50K-FI-FK	50	2 x 19	80	Ball bearing (C)	71	60 x 60	38x38/48x48	6.2	31
LDA-PATH 75G	LDA-PATH 75G-FI	75	2 x 25	100	Plain bore	101	60 x 60	40x40/46x46	6.2	34
LDA-PATH 75K-FK	LDA-PATH 75K-FI-FK	75	2 x 25	100	Ball bearing (C)	101	60 x 60	40x40/46x46	6.2	34

**Options**



	Image plain bore version	Electrically conductive version, non-marking grey
Technical description page		36, 39
Product code suffix		-ELS
Available for		all ball bearing versions



Series: POA

## Nylon wheels

75 - 280 kg

RoHS



1

<b>Tread &amp; tyre hardness</b>		70° shore D
<b>Temperature resistance</b>		-25° C - +80° C
<b>Rolling resistance</b>		excellent
<b>Operating noise</b>		reasonable
<b>Floor surface preservation</b>		reasonable

### POA-wheel series:

Made of high-quality, impact-resistant nylon, 70° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance, colour black. (Material description page 40)

### Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected nylon, lubricated with long-life grease.

### Other features:

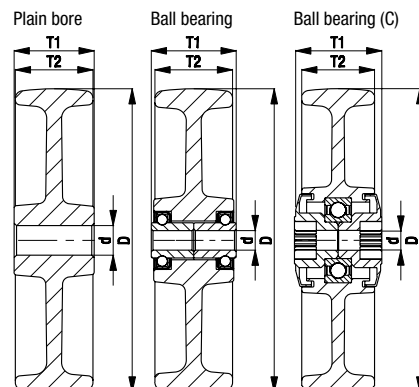
High chemical resistance to many aggressive substances (table page 36-37).  
Operating temperature: -25° C to +80° C.  
At ambient temperatures above +35° C the load capacity is reduced.  
Maintenance-free under standard conditions.

**Wheel series overview page 43**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POA 35/8G	35	25	75	Plain bore	8	29.5
POA 48/8K-RO *	48	16	75	Ball bearing	8	24
POA 50/8G	50	18	75	Plain bore	8	22
POA 52/12G	50	29	120	Plain bore	12	31
POA 58/10G	58	29	100	Plain bore	10	31
POA 65/10G	65	30	100	Plain bore	10	33
POA 65/12G	65	30	100	Plain bore	12	33
POA 75/8G	75	23	100	Plain bore	8	29.5
POA 80/12G	80	32	220	Plain bore	12	35
POA 102/8G	100	22	100	Plain bore	8	29.5
POA 100/12G	100	32	240	Plain bore	12	35
POA 100/8K	100	30	240	Ball bearing (C)	8	36
POA 125/12G	125	32	260	Plain bore	12	35
POA 125/8K	125	30	260	Ball bearing (C)	8	36
POA 150/12G	150	32	280	Plain bore	12	35

\* Colour red

For additional nylon wheels refer to page 276 + 277



Series: LRA-POA, BRA-POA, LKRA-POA, BKRA-POA

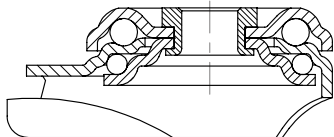
## Light duty castors with bolt hole fitting, with nylon wheel

70 - 120 kg

RoHS



1



**Brackets:** LRA/BRA, LKRA/BKRA series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Brake lever for swivel castors with 'stop-fix' brake: LRA series are made of synthetic, LKRA series are made of steel.  
Bracket overview: Page 62  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POA series - Made of high-quality, impact-resistant nylon, 70° shore D, black.  
Bearing types: Plain bore or a centrally encapsulated ball bearing (C).  
Detailed description: Page 104 and 43

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRA-POA 35G			35	25	75	Plain bore	50	43	11	15
LRA-POA 50G	BRA-POA 50G	LRA-POA 50G-FI *	50	18	75	Plain bore	69	43	11	25
LKRA-POA 52G			50	29	120	Plain bore	70	57	13	29
LRA-POA 75G	BRA-POA 75G	LRA-POA 75G-FI *	75	23	75	Plain bore	98	43	11	29
LKRA-POA 80G	BKRA-POA 80G	LKRA-POA 80G-FI	80	32	120	Plain bore	108	57	13	40
LKRA-POA 80G-11		LKRA-POA 80G-11-FI	80	32	120	Plain bore	108	57	11	40
LRA-POA 102G		LRA-POA 102G-FI *	100	22	70	Plain bore	121	43	11	33
LKRA-POA 100G	BKRA-POA 100G	LKRA-POA 100G-FI	100	32	120	Plain bore	133	57	13	40
LKRA-POA 100G-11		LKRA-POA 100G-11-FI	100	32	120	Plain bore	133	57	11	40
LKRA-POA 100K	BKRA-POA 100K	LKRA-POA 100K-FI	100	30	120	Ball bearing (C)	133	57	13	40
LKRA-POA 100K-11		LKRA-POA 100K-11-FI	100	30	120	Ball bearing (C)	133	57	11	40
LKRA-POA 125G	BKRA-POA 125G	LKRA-POA 125G-FI	125	32	120	Plain bore	158	57	13	40
LKRA-POA 125G-11		LKRA-POA 125G-11-FI	125	32	120	Plain bore	158	57	11	40
LKRA-POA 125K	BKRA-POA 125K	LKRA-POA 125K-FI	125	30	120	Ball bearing (C)	158	57	13	40
LKRA-POA 125K-11		LKRA-POA 125K-11-FI	125	30	120	Ball bearing (C)	158	57	11	40
LKRA-POA 150G	BKRA-POA 150G	LKRA-POA 150G-FI	150	32	110	Plain bore	182	57	13	40
LKRA-POA 150G-11		LKRA-POA 150G-11-FI	150	32	110	Plain bore	182	57	11	40

\* Brake lever made of synthetic, refer to image below  
For stainless steel versions refer to page 350

### Options



	Image with synthetic brake lever	With threaded pin M10 x 30 M12 x 30	With plug-in pin Ø 11 x 30.5 **	With synthetic expander fitting	With metal expander fitting	Bumpers
Technical description page		74	75	75	75	84
Product code suffix		-GS10 / -GS12	-ES	refer to page 111	refer to page 111	AG / ARG series
Available for	LRA...-FI series as standard	-GS10: LRA series -GS12: LKRA series	LRA series swivel castors	swivel castors bolt hole Ø11(except Ø35)	swivel castors bolt hole Ø11(except Ø35)	refer to page 111

\*\* For suitable synthetic castor sockets for round tubes refer to page 111

Series: LPA-POA, BPA-POA, LKPA-POA, BKPA-POA

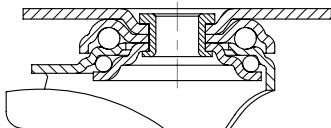
## Light duty castors with top plate fitting, with nylon wheel

70 - 120 kg

RoHS



1



**Brackets:** LPA/BPA, LKPA/BKPA series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free.

**Wheels:** POA series - Made of high-quality, impact-resistant nylon, 70° shore D, black.  
Bearing types: Plain bore or a centrally encapsulated ball bearing (C).  
Detailed description: Page 104 and 43

Brake lever for swivel castors with 'stop-fix' brake: LPA series are made of synthetic, LKPA series are made of steel.  
Bracket overview: Page 62  
Top plate drawings: Page 76  
Wheel and swivel head 'stop-fix' brake: Page 80

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPA-POA 35G		LPA-POA 50G-FI *	35	25	75	Plain bore	52	60 x 60	38x38/48x48	6.2	15
LPA-POA 50G	BPA-POA 50G		50	18	75	Plain bore	71	60 x 60	38x38/48x48	6.2	25
LKPA-POA 52G			50	29	120	Plain bore	73	90 x 66	75x45/61x51	8.5	29
LPA-POA 75G	BPA-POA 75G	LPA-POA 75G-FI *	75	23	75	Plain bore	100	60 x 60	38x38/48x48	6.2	29
LKPA-POA 80G	BKPA-POA 80G	LKPA-POA 80G-FI	80	32	120	Plain bore	111	90 x 66	75x45/61x51	8.5	40
LPA-POA 102G		LPA-POA 102G-FI *	100	22	70	Plain bore	123	60 x 60	38x38/48x48	6.2	33
LKPA-POA 100G	BKPA-POA 100G	LKPA-POA 100G-FI	100	32	120	Plain bore	136	90 x 66	75x45/61x51	8.5	40
LKPA-POA 100K	BKPA-POA 100K	LKPA-POA 100K-FI	100	30	120	Ball bearing (C)	136	90 x 66	75x45/61x51	8.5	40
LKPA-POA 125G	BKPA-POA 125G	LKPA-POA 125G-FI	125	32	120	Plain bore	161	90 x 66	75x45/61x51	8.5	40
LKPA-POA 125K	BKPA-POA 125K	LKPA-POA 125K-FI	125	30	120	Ball bearing (C)	161	90 x 66	75x45/61x51	8.5	40
LKPA-POA 150G	BKPA-POA 150G	LKPA-POA 150G-FI	150	32	110	Plain bore	185	90 x 66	75x45/61x51	8.5	40

\* Brake lever made of synthetic, refer to image below  
For stainless steel versions refer to page 351

### Options



Image with synthetic brake lever

Technical description page

Product code suffix

Available for

LPA...-FI series as standard

Series: LMDA-POA

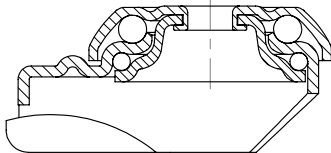
**Light duty twin wheel castors with bolt hole fitting, with nylon wheels**

80 - 100 kg

RoHS



1



**Brackets:** LMDA series - Made of pressed steel, with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design, dynamically pressed swivel head.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 62  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POA series - Made of high-quality, impact-resistant nylon, 70° shore D, black.  
 Bearing type: Plain bore.  
 Detailed description: Page 104 and 43

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LMDA-POA 50G	LMDA-POA 50G-FI	50	2 x 18	80	Plain bore	71	41	10.2	31
LMDA-POA 75G	LMDA-POA 75G-FI	75	2 x 23	100	Plain bore	98	55	10.2	34

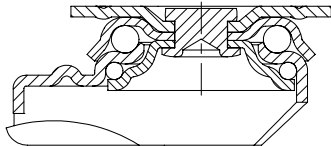
Series: LDA-POA

## Light duty twin wheel castors with top plate fitting, with nylon wheels

80 - 100 kg

RoHS

1



**Brackets:** LDA series - Made of pressed steel, with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design, dynamically pressed swivel head.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 62  
 Top plate drawings: Page 76  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POA series - Made of high-quality, impact-resistant nylon, 70° shore D, black.  
 Bearing type: Plain bore.  
 Detailed description: Page 104 and 43

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LDA-POA 50G	LDA-POA 50G-FI	50	2 x 18	80	Plain bore	71	60 x 60	38x38/48x48	6.2	31
LDA-POA 75G	LDA-POA 75G-FI	75	2 x 23	100	Plain bore	101	60 x 60	40x40/46x46	6.2	34



Series: LRA-VSTH, LKRA-VSTH

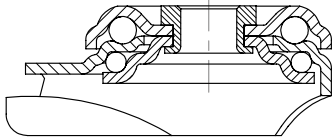
**Light duty castors with bolt hole fitting, wheel with Blickle Extrathane® polyurethane tread**

100 - 150 kg

RoHS



1



**Brackets:** LRA/LKRA series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 62

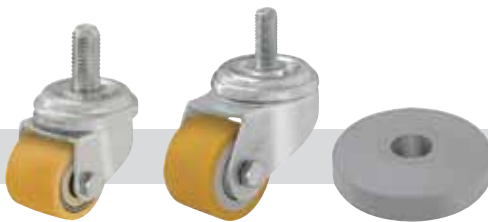
**Wheels:** VSTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of steel. Bearing type: Two pressed-in ball bearings. Detailed description: Page 258 and 48



Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LRA-VSTH 35K	35	27	100	Ball bearing	50	43	11	15
LKRA-VSTH 50K	50	33	150	Ball bearing	70	57	13	29

For further castors with high load capacity and low total height refer to category 21 'Compact castors'

**Options**



	With threaded pin M10 x 30 *	With threaded pin M12 x 30	Bumpers
Technical description page	74	74	84
Product code suffix	-GS10	-GS12	AG / ARG series
Available for	LRA-VSTH 35K	LKRA-VSTH 50K	refer to page 111

\* Load capacity is reduced by 20 %

Series: LPA-VSTH, LKPA-VSTH

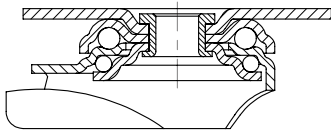
**Light duty castors with top plate fitting,  
wheel with Blickle Extrathane®  
polyurethane tread**

 100 - 150 kg

 RoHS



1



**Brackets:** LPA/LKPA series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 62 Top plate drawings: Page 76

**Wheels:** VSTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of steel. Bearing type: Two pressed-in ball bearings. Detailed description: Page 258 and 48

Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LPA-VSTH 35K	35	27	100	Ball bearing	52	60 x 60	38x38/48x48	6.2	15
LKPA-VSTH 50K	50	33	150	Ball bearing	73	90 x 66	75x45/61x51	8.5	29

For further castors with high load capacity and low total height refer to category 21 'Compact castors'

## Options for light duty castors

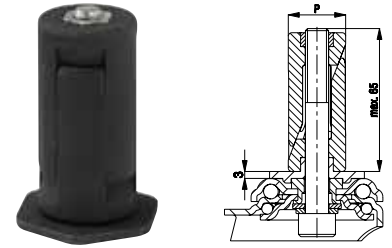


1

### Synthetic expander fitting for round tubes \*

Product code suffix for LRA series	Product code suffix for LKRA series	Internal tube dimension (P) [mm]	Available for all swivel castors LRA/LKRA series with bolt hole Ø 11 mm. Swivel castor and expander are secured against loosening by a positive location fit. The maximum fitting length is 65 mm. <b>The total height of the castor is increased by 3 mm.</b> Detailed description: Page 75
-ER02	-ER12	Ø 20 - 25	
-ER03	-ER13	Ø 25 - 30	
-ER04	-ER14	Ø 30 - 35	
-ER05	-ER15	Ø 35 - 40	

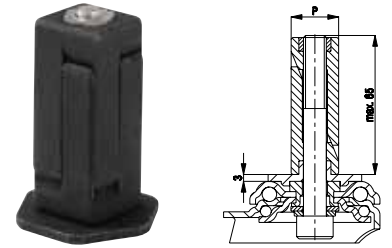
\* Corrosion-resistant versions page 352



### Synthetic expander fitting for square tubes \*

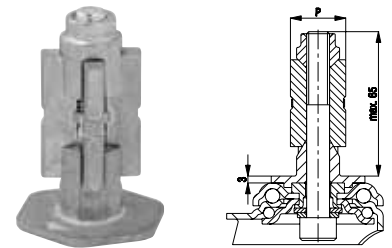
Product code suffix for LRA series	Product code suffix for LKRA series	Internal tube dimension (P) [mm]	Available for all swivel castors LRA/LKRA series with bolt hole Ø 11 mm. Swivel castor and expander are secured against loosening by a positive location fit. The maximum fitting length is 65 mm. <b>The total height of the castor is increased by 3 mm.</b> Detailed description: Page 75
-EV02	-EV12	□ 18 - 21	
-EV03	-EV13	□ 21 - 25	
-EV04	-EV14	□ 25 - 29	
-EV05	-EV15	□ 29 - 32	
-EV07	-EV17	□ 32 - 38.5	

\* Corrosion-resistant versions page 352



### Metal expander fitting for round and square tubes

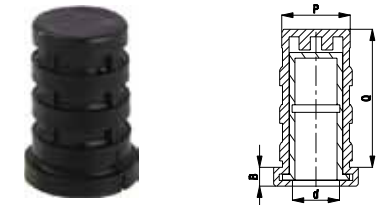
Product code suffix for LRA series	Product code suffix for LKRA series	Internal tube dim. round tube (P) [mm]	Internal tube dim. square tube (P) [mm]	Available for all swivel castors LRA/LKRA series with bolt hole Ø 11 mm. Swivel castor and expander are secured against loosening by a positive location fit. The maximum fitting length is 65 mm. <b>The total height of the castor is increased by 3 mm.</b> Detailed description: Page 75
-E01	-E11	Ø 17 - 19	□ 17 - 19	
-E02	-E12	Ø 20 - 25	□ 18 - 21	
-E03	-E13	Ø 25 - 30	□ 21 - 25	
-E04	-E14	Ø 30 - 35	□ 25 - 29	
-E05	-E15	Ø 35 - 40	□ 29 - 32	
-E07	-E17	Ø 39 - 45	□ 32 - 38.5	



### Synthetic castor sockets for round tubes

Product code	Internal tube dim. round tube (P) [mm]	Flange dimension Ø x height [mm]	Fitting length castor socket (Q) [mm]	Available for all swivel castors with plug-in pin Ø (d) 11 x 30.5 (LRA series). Detailed description: Page 75
RHR 20-18/11A	Ø 18.0	Ø 20.0 x 5.0	42	
RHR 22-19/11A	Ø 19.0	Ø 22.0 x 5.0	42	

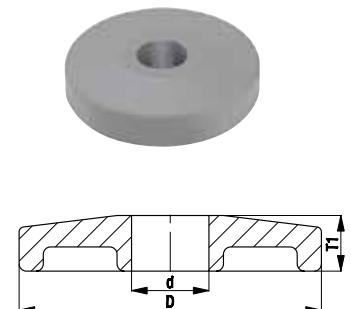
Further dimensions upon request



### Bumpers for round and square tubes

Product code	Wheel Ø (D) [mm]	Wheel width (T1) [mm]	Bore hole (d) [mm]	In collisions, bumpers will help prevent wall and vehicle damage. Bumpers for round and square tubes are fixed or attached to the outer edge of the tubular frame of the vehicle. <b>AG series:</b> Made of soft synthetic polyethylene, 48° shore D hardness, colour silver grey RAL 7001, non-marking. <b>ARG series:</b> Made of solid rubber, 75° shore A hardness, colour grey, non-marking. Detailed description: Page 84
<b>Synthetic bumpers (polyethylene)</b>				
AG 100/R25	100	17.5	Ø 25	
AG 100/V25	100	17.5	□ 25 x 25	
AG 125/R32	125	17.5	Ø 25	
AG 125/V25	125	17.5	□ 25 x 25	
<b>Solid rubber bumpers</b>				
ARG 75/R10	75	23	Ø 10	
ARG 100/R26	100	23	Ø 26	
ARG 100/R32	100	23	Ø 32	
ARG 125/R26	125	23	Ø 26	
ARG 125/R32	125	23	Ø 32	

Further dimensions and special colours upon request



## Synthetic castors

2



## Table of Contents

	LWK/LWG	LWK-...P LWG-...P	LWK-...ZA LWG-...ZA	LWKX LWGX	LWKX-...PX LWGX-...PX	LWKX-...ZAX LWGX-...ZAX	LKDG	LKDB
<b>TPA</b>								
Series	LWK/LWG	LWK-/LWG-...P	LWK-/LWG-...ZA	LWKX/LWGX	LWKX-/LWGX-...PX	LWKX-/LWGX-...ZAX		
Wheel Ø	100 - 125 mm	100 - 125 mm	100 - 125 mm	100 - 125 mm	100 - 125 mm	100 - 125 mm		
Load capacity	100 - 110 kg	100 - 110 kg	100 - 110 kg	100 - 110 kg	100 - 110 kg	100 - 110 kg		
<b>Page</b>	<b>114, 120</b>	<b>115, 121</b>	<b>116, 122</b>	<b>117, 123</b>	<b>118, 124</b>	<b>119, 125</b>		
<b>PUA</b>								
Series							LKDG-PUA	LKDB-PUA
Wheel Ø							100 mm	50 - 100 mm
Load capacity							110 kg	50 - 110 kg
<b>Page</b>							<b>128</b>	<b>129</b>



Series: LWK-TPA

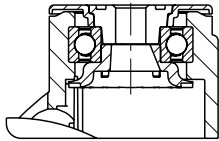
## Synthetic castors Blickle WAVE with bolt hole fitting, colour grey white, wheel with thermoplastic rubber tread

 100 - 110 kg

 RoHS



2



**Brackets:** LWK series - Made of high-quality, impact-resistant and reinforced nylon, with encapsulated, double-sealed grooved ball bearing in the swivel head, with bolt hole fitting, grey white RAL 9002. Modern, shapely design. Bracket overview: Page 63 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking. Wheel centre: Made of high-quality, impact-resistant polypropylene, grey white RAL 9002. Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard, grey white RAL 9002. Detailed description: Page 42

Operating temperature: -20° C to +60° C. At ambient temperatures above +30° C the load capacity is reduced.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LWK-TPA 101G	LWK-TPA 101G-FI	100	32	100	Plain bore	135	55	13	38
LWK-TPA 101G-11	LWK-TPA 101G-11-FI	100	32	100	Plain bore	135	55	11	38
LWK-TPA 101K-FK	LWK-TPA 101K-FI-FK	100	32	100	Ball bearing (C)	135	55	13	38
LWK-TPA 101K-11-FK	LWK-TPA 101K-11-FI-FK	100	32	100	Ball bearing (C)	135	55	11	38
LWK-TPA 126G	LWK-TPA 126G-FI	125	32	110	Plain bore	160	55	13	40
LWK-TPA 126G-11	LWK-TPA 126G-11-FI	125	32	110	Plain bore	160	55	11	40
LWK-TPA 126K-FK	LWK-TPA 126K-FI-FK	125	32	110	Ball bearing (C)	160	55	13	40
LWK-TPA 126K-11-FK	LWK-TPA 126K-11-FI-FK	125	32	110	Ball bearing (C)	160	55	11	40

For corrosion-resistant synthetic castors refer to page 117

### Options \*



	Image plain bore version	Electrically conductive version, non-marking grey **	Elastic solid rubber tyre, 65° shore A, non-marking grey, non-staining	With central braking system 'central-stop'	With zinc-plated steel threaded pin M10 x 20 M12 x 20	With synthetic expander fitting *** or made of steel	In special colour
Technical description page		36, 38	38	126	74	75	
Product code suffix		LWKE-...-ELS	LWK-POEV -SG series	refer to page 126	-GS10 / -GS12	refer to page 126	
Available for		all ball bearing versions	upon request	all sizes with bolt hole Ø 13 mm	all sizes with bolt hole Ø 13 mm	all sizes with bolt hole Ø 11 mm	upon request

\* Additional options: Bumpers AW / AG / ARG series; rotating bumpers -AMW / -AMG series refer to page 127 (technical description page 84)  
 \*\* Load capacity is reduced by 35 % \*\*\* Not available for electrically conductive version

Series: LWK-TPA

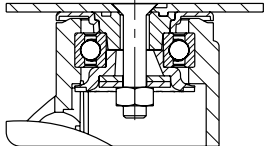
**Synthetic castors Blickle WAVE with top plate fitting, colour grey white, wheel with thermoplastic rubber tread**

100 - 110 kg

RoHS



2



**Brackets:** LWK series - Made of high-quality, impact-resistant and reinforced nylon, with encapsulated, double-sealed grooved ball bearing in the swivel head, with zinc-plated, blue-passivated steel top plate fitting (Cr6-free), grey white RAL 9002. Modern, shapely design.  
Bracket overview: Page 63  
Top plate drawings: Page 76  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking. Wheel centre: Made of high-quality, impact-resistant polypropylene, grey white RAL 9002. Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard, grey white RAL 9002. Detailed description: Page 42

Operating temperature: -20° C to +60° C.  
At ambient temperatures above +30° C the load capacity is reduced.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LWK-TPA 101G-P25	LWK-TPA 101G-FI-P25	100	32	100	Plain bore	138	90 x 66	75x45/61x51	8.5	38
LWK-TPA 101K-FK-P25	LWK-TPA 101K-FI-FK-P25	100	32	100	Ball bearing (C)	138	90 x 66	75x45/61x51	8.5	38
LWK-TPA 126G-P25	LWK-TPA 126G-FI-P25	125	32	110	Plain bore	163	90 x 66	75x45/61x51	8.5	40
LWK-TPA 126K-FK-P25	LWK-TPA 126K-FI-FK-P25	125	32	110	Ball bearing (C)	163	90 x 66	75x45/61x51	8.5	40

For corrosion-resistant synthetic castors refer to page 118

**Options**



	Image plain bore version	Electrically conductive version, non-marking grey *	Elastic solid rubber tyre, 65° shore A, non-marking grey, non-staining	With plate size 78 x 66 mm 61x50/50x42 mm	With directional lock (1 x 360°), combined with wheel brake	In special colour
Technical description page		36, 38	38	76	83	
Product code suffix		LWKE-...-ELS	LWK-POEV -SG series	-P28	-RIFI	
Available for		all ball bearing versions	upon request	upon request	wheel Ø 125 mm	upon request

\* Load capacity is reduced by 35 %

Series: LWK-TPA

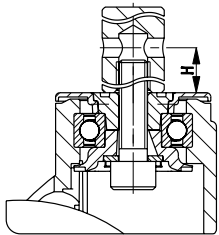
## Synthetic castors Blickle WAVE with stem fitting, colour grey white, wheel with thermoplastic rubber tread

100 - 110 kg

RoHS



2



**Brackets:** LWK series - Made of high-quality, impact-resistant and reinforced nylon, with encapsulated, double-sealed grooved ball bearing in the swivel head, with zinc-plated, blue-passivated bolted and secured steel plug-in stem fitting (Cr6-free), grey white RAL 9002. Modern, shapely design.  
Bracket overview: Page 63  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.  
Wheel centre: Made of high-quality, impact-resistant polypropylene, grey white RAL 9002.  
Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard, grey white RAL 9002.  
Detailed description: Page 42

Operating temperature: -20° C to +60° C.  
At ambient temperatures above +30° C the load capacity is reduced.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Ø retaining hole [mm]	Position retaining hole (H) [mm]	Offset [mm]
LWK-TPA 101G-ZA51	LWK-TPA 101G-FI-ZA51	100	32	100	Plain bore	135	18	62	M6	30	38
LWK-TPA 101G-ZA55	LWK-TPA 101G-FI-ZA55	100	32	100	Plain bore	135	22	45	M8	20	38
LWK-TPA 101G-ZA58	LWK-TPA 101G-FI-ZA58	100	32	100	Plain bore	135	27.5	45	M8	20	38
LWK-TPA 101K-FK-ZA51	LWK-TPA 101K-FI-FK-ZA51	100	32	100	Ball bearing (C)	135	18	62	M6	30	38
LWK-TPA 101K-FK-ZA55	LWK-TPA 101K-FI-FK-ZA55	100	32	100	Ball bearing (C)	135	22	45	M8	20	38
LWK-TPA 101K-FK-ZA58	LWK-TPA 101K-FI-FK-ZA58	100	32	100	Ball bearing (C)	135	27.5	45	M8	20	38
LWK-TPA 126G-ZA51	LWK-TPA 126G-FI-ZA51	125	32	110	Plain bore	160	18	62	M6	30	40
LWK-TPA 126G-ZA55	LWK-TPA 126G-FI-ZA55	125	32	110	Plain bore	160	22	45	M8	20	40
LWK-TPA 126G-ZA58	LWK-TPA 126G-FI-ZA58	125	32	110	Plain bore	160	27.5	45	M8	20	40
LWK-TPA 126K-FK-ZA51	LWK-TPA 126K-FI-FK-ZA51	125	32	110	Ball bearing (C)	160	18	62	M6	30	40
LWK-TPA 126K-FK-ZA55	LWK-TPA 126K-FI-FK-ZA55	125	32	110	Ball bearing (C)	160	22	45	M8	20	40
LWK-TPA 126K-FK-ZA58	LWK-TPA 126K-FI-FK-ZA58	125	32	110	Ball bearing (C)	160	27.5	45	M8	20	40

For corrosion-resistant synthetic castors refer to page 119  
Additional stem sizes upon request

### Options




	Image plain bore version	Electrically conductive version, non-marking grey *	Elastic solid rubber tyre, 65° shore A, non-marking grey, non-staining	With directional lock (1 x 360°), combined with wheel brake	In special colour
Technical description page		36, 38	38	83	
Product code suffix		LWKE-...-ELS	LWK-POEV -SG series	-RIFI	
Available for		all ball bearing versions	upon request	wheel Ø 125 mm	upon request

\* Load capacity is reduced by 35 %

Series: LWKX-TPA

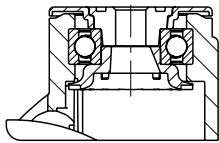
**Synthetic castors Blickle WAVE, corrosion-resistant, with bolt hole fitting, colour grey white, wheel with thermoplastic rubber tread**

 100 - 110 kg

 RoHS



2



**Brackets:** LWKX series - Made of high-quality, impact-resistant and reinforced nylon, with encapsulated, double-sealed grooved corrosion-resistant ball bearing in the swivel head, with bolt hole fitting, grey white RAL 9002. All parts incl. axle material are corrosion-resistant. Modern, shapely design.  
Bracket overview: Page 63  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.  
Wheel centre: Made of high-quality, impact-resistant polypropylene, grey white RAL 9002.  
Bearing types: Plain bore or a centrally encapsulated corrosion-resistant ball bearing (C). Ball bearing (C) with synthetic thread guard as standard, grey white RAL 9002. Detailed description: Page 42

Operating temperature: -20° C to +60° C.  
At ambient temperatures above +30° C the load capacity is reduced.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LWKX-TPA 101G	LWKX-TPA 101G-FI	100	32	100	Plain bore	135	55	13	38
LWKX-TPA 101G-11	LWKX-TPA 101G-11-FI	100	32	100	Plain bore	135	55	11	38
LWKX-TPA 101XK-FK	LWKX-TPA 101XK-FI-FK	100	32	100	Ball bearing (C)	135	55	13	38
LWKX-TPA 101XK-11-FK	LWKX-TPA 101XK-11-FI-FK	100	32	100	Ball bearing (C)	135	55	11	38
LWKX-TPA 126G	LWKX-TPA 126G-FI	125	32	110	Plain bore	160	55	13	40
LWKX-TPA 126G-11	LWKX-TPA 126G-11-FI	125	32	110	Plain bore	160	55	11	40
LWKX-TPA 126XK-FK	LWKX-TPA 126XK-FI-FK	125	32	110	Ball bearing (C)	160	55	13	40
LWKX-TPA 126XK-11-FK	LWKX-TPA 126XK-11-FI-FK	125	32	110	Ball bearing (C)	160	55	11	40

**Options \***




	Image plain bore version	Electrically conductive version, non-marking grey **	With stainless steel threaded pin M10 x 20	With stainless steel threaded pin M12 x 20	With synthetic expander fitting *** (total height +3 mm)	In special colour
Technical description page		36, 38	74	74	75	
Product code suffix		LWKXE-...-ELS	-GSX10	-GSX12	refer to page 126	
Available for		all ball bearing versions	all sizes with bolt hole Ø 13 mm	all sizes with bolt hole Ø 13 mm	all sizes with bolt hole Ø 11 mm	upon request

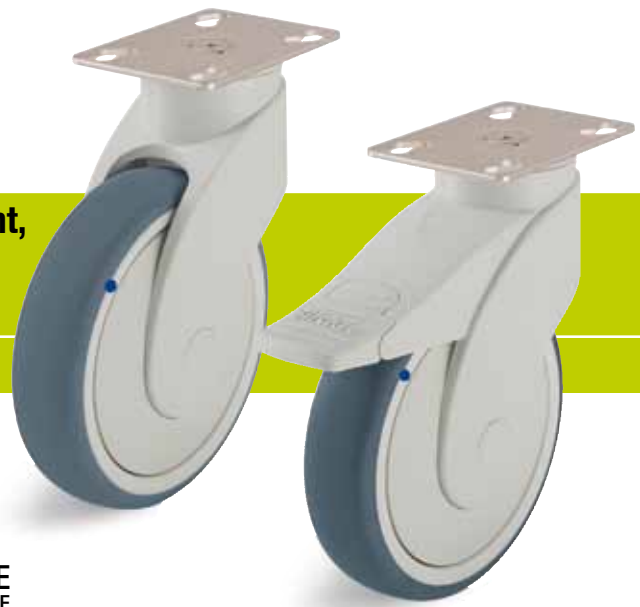
\* Additional options: Bumpers AW / AG / ARG series; rotating bumpers -AMWX / -AMGX series refer to page 127 (technical description page 84)  
\*\* Load capacity is reduced by 35 % \*\*\* Not available for electrically conductive version

Series: LWKX-TPA

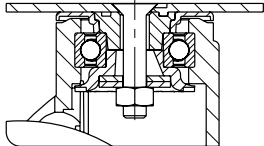
**Synthetic castors Blickle WAVE, corrosion-resistant, with top plate fitting, colour grey white, wheel with thermoplastic rubber tread**

 100 - 110 kg

 RoHS



2



**Brackets:** LWKX series - Made of high-quality, impact-resistant and reinforced nylon, with encapsulated, double-sealed grooved corrosion-resistant ball bearing in the swivel head, with stainless steel top plate fitting, grey white RAL 9002. All parts incl. axle material are corrosion-resistant. Modern, shapely design.  
Bracket overview: Page 64  
Top plate drawings: Page 76  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.  
Wheel centre: Made of high-quality, impact-resistant polypropylene, grey white RAL 9002.  
Bearing types: Plain bore or a centrally encapsulated corrosion-resistant ball bearing (C). Ball bearing (C) with synthetic thread guard as standard, grey white RAL 9002. Detailed description: Page 42

Operating temperature: -20° C to +60° C.  
At ambient temperatures above +30° C the load capacity is reduced.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LWKX-TPA 101G-PX25	LWKX-TPA 101G-FI-PX25	100	32	100	Plain bore	138	90 x 66	75x45/61x51	8.5	38
LWKX-TPA 101XK-FK-PX25	LWKX-TPA 101XK-FI-FK-PX25	100	32	100	Ball bearing (C)	138	90 x 66	75x45/61x51	8.5	38
LWKX-TPA 126G-PX25	LWKX-TPA 126G-FI-PX25	125	32	110	Plain bore	163	90 x 66	75x45/61x51	8.5	40
LWKX-TPA 126XK-FK-PX25	LWKX-TPA 126XK-FI-FK-PX25	125	32	110	Ball bearing (C)	163	90 x 66	75x45/61x51	8.5	40

## Options



	Image plain bore version	Electrically conductive version, non-marking grey *	With plate size 90 x 66 mm 75 x 50 mm **	With directional lock (1 x 360°), combined with wheel brake	In special colour
Technical description page		36, 38	76	83	
Product code suffix		LWKXE-...-ELS	-PX26	-RIFI	
Available for		all ball bearing versions	upon request	wheel Ø 125 mm	upon request

\* Load capacity is reduced by 35 %

\*\* In acc. to DIN 18867-8 (large-scale catering equipment)



Series: LWKX-TPA

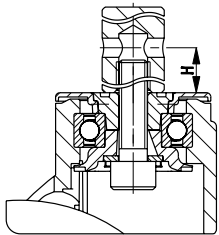
**Synthetic castors Blickle WAVE, corrosion-resistant, with stem fitting, colour grey white, wheel with thermoplastic rubber tread**

100 - 110 kg

RoHS



2



**Brackets:** LWKX series - Made of high-quality, impact-resistant and reinforced nylon, with encapsulated, double-sealed grooved corrosion-resistant ball bearing in the swivel head, with stainless steel bolted and secured plug-in stem fitting, grey white RAL 9002. All parts incl. axle material are corrosion-resistant.  
Modern, shapely design.  
Bracket overview: Page 64  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.  
Wheel centre: Made of high-quality, impact-resistant polypropylene, grey white RAL 9002.  
Bearing types: Plain bore or a centrally encapsulated corrosion-resistant ball bearing (C). Ball bearing (C) with synthetic thread guard as standard, grey white RAL 9002.  
Detailed description: Page 42

Operating temperature: -20° C to +60° C.  
At ambient temperatures above +30° C the load capacity is reduced.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Ø retaining hole [mm]	Position retaining hole (H) [mm]	Offset [mm]
LWKX-TPA 101G-ZAX51	LWKX-TPA 101G-FI-ZAX51	100	32	100	Plain bore	135	18	62	M6	30	38
LWKX-TPA 101G-ZAX55	LWKX-TPA 101G-FI-ZAX55	100	32	100	Plain bore	135	22	45	M8	20	38
LWKX-TPA 101G-ZAX58	LWKX-TPA 101G-FI-ZAX58	100	32	100	Plain bore	135	27.5	45	M8	20	38
LWKX-TPA 101XK-FK-ZAX51	LWKX-TPA 101XK-FI-FK-ZAX51	100	32	100	Ball bearing (C)	135	18	62	M6	30	38
LWKX-TPA 101XK-FK-ZAX55	LWKX-TPA 101XK-FI-FK-ZAX55	100	32	100	Ball bearing (C)	135	22	45	M8	20	38
LWKX-TPA 101XK-FK-ZAX58	LWKX-TPA 101XK-FI-FK-ZAX58	100	32	100	Ball bearing (C)	135	27.5	45	M8	20	38
LWKX-TPA 126G-ZAX51	LWKX-TPA 126G-FI-ZAX51	125	32	110	Plain bore	160	18	62	M6	30	40
LWKX-TPA 126G-ZAX55	LWKX-TPA 126G-FI-ZAX55	125	32	110	Plain bore	160	22	45	M8	20	40
LWKX-TPA 126G-ZAX58	LWKX-TPA 126G-FI-ZAX58	125	32	110	Plain bore	160	27.5	45	M8	20	40
LWKX-TPA 126XK-FK-ZAX51	LWKX-TPA 126XK-FI-FK-ZAX51	125	32	110	Ball bearing (C)	160	18	62	M6	30	40
LWKX-TPA 126XK-FK-ZAX55	LWKX-TPA 126XK-FI-FK-ZAX55	125	32	110	Ball bearing (C)	160	22	45	M8	20	40
LWKX-TPA 126XK-FK-ZAX58	LWKX-TPA 126XK-FI-FK-ZAX58	125	32	110	Ball bearing (C)	160	27.5	45	M8	20	40

Additional stem sizes upon request

**Options**



	Image plain bore version	Electrically conductive version, non-marking grey *	With directional lock (1 x 360°), combined with wheel brake	In special colour
Technical description page		36, 38	83	
Product code suffix		LWKXE-...-ELS	-RIFI	
Available for		all ball bearing versions	wheel Ø 125 mm	upon request

\* Load capacity is reduced by 35 %

Series: LWG-TPA

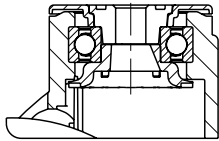
## Synthetic castors Blickle WAVE with bolt hole fitting, colour silver grey, wheel with thermoplastic rubber tread

100 - 110 kg

RoHS



2



**Brackets:** LWG series - Made of high-quality, impact-resistant and reinforced nylon, with encapsulated, double-sealed grooved ball bearing in the swivel head, with bolt hole fitting, silver grey RAL 7001. Modern, shapely design. Bracket overview: Page 63 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking. Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey RAL 7001. Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard, silver grey RAL 7001. Detailed description: Page 42

Operating temperature: -20° C to +60° C. At ambient temperatures above +30° C the load capacity is reduced.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LWG-TPA 101G	LWG-TPA 101G-FI	100	32	100	Plain bore	135	55	13	38
LWG-TPA 101G-11	LWG-TPA 101G-11-FI	100	32	100	Plain bore	135	55	11	38
LWG-TPA 101K-FK	LWG-TPA 101K-FI-FK	100	32	100	Ball bearing (C)	135	55	13	38
LWG-TPA 101K-11-FK	LWG-TPA 101K-11-FI-FK	100	32	100	Ball bearing (C)	135	55	11	38
LWG-TPA 126G	LWG-TPA 126G-FI	125	32	110	Plain bore	160	55	13	40
LWG-TPA 126G-11	LWG-TPA 126G-11-FI	125	32	110	Plain bore	160	55	11	40
LWG-TPA 126K-FK	LWG-TPA 126K-FI-FK	125	32	110	Ball bearing (C)	160	55	13	40
LWG-TPA 126K-11-FK	LWG-TPA 126K-11-FI-FK	125	32	110	Ball bearing (C)	160	55	11	40

For corrosion-resistant synthetic castors refer to page 123

### Options \*

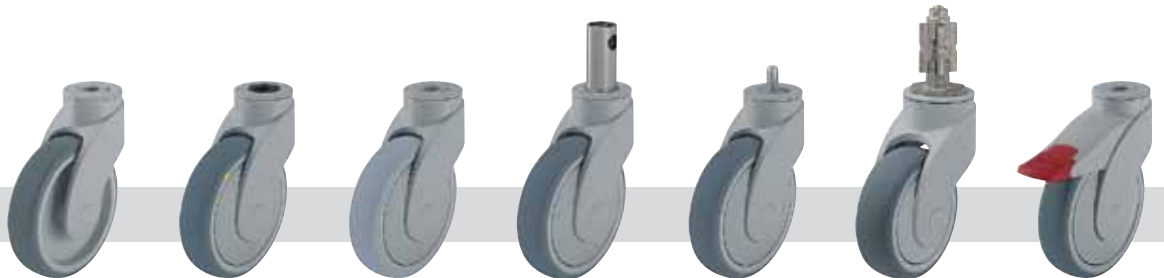


	Image plain bore version	Electrically conductive version, non-marking grey **	Elastic solid rubber tyre, 65° shore A, non-marking grey, non-staining	With central braking system 'central-stop'	With zinc-plated steel threaded pin M10 x 20 M12 x 20	With synthetic expander fitting *** or made of steel	In special colour
Technical description page		36, 38	38	126	74	75	
Product code suffix		LWGE-...-ELS	LWG-POEV -SG series	refer to page 126	-GS10 / -GS12	refer to page 126	
Available for		all ball bearing versions	upon request	all sizes with bolt hole Ø 13 mm	all sizes with bolt hole Ø 13 mm	all sizes with bolt hole Ø 11 mm	upon request

\* Additional options: Bumpers AW / AG / ARG series; rotating bumpers -AMW / -AMG series refer to page 127 (technical description page 84)  
 \*\* Load capacity is reduced by 35 %  
 \*\*\* Not available for electrically conductive version

Series: LWG-TPA

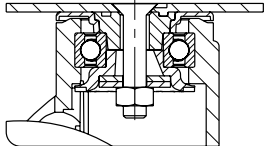
## Synthetic castors Blickle WAVE with top plate fitting, colour silver grey, wheel with thermoplastic rubber tread

100 - 110 kg

RoHS



2



**Brackets:** LWG series - Made of high-quality, impact-resistant and reinforced nylon, with encapsulated, double-sealed grooved ball bearing in the swivel head, with zinc-plated, blue-passivated steel top plate fitting (Cr6-free), silver grey RAL 7001. Modern, shapely design.  
Bracket overview: Page 63  
Top plate drawings: Page 76  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.  
Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey RAL 7001.  
Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard, silver grey RAL 7001.  
Detailed description: Page 42

Operating temperature: -20° C to +60° C.  
At ambient temperatures above +30° C the load capacity is reduced.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LWG-TPA 101G-P25	LWG-TPA 101G-FI-P25	100	32	100	Plain bore	138	90 x 66	75x45/61x51	8.5	38
LWG-TPA 101K-FK-P25	LWG-TPA 101K-FI-FK-P25	100	32	100	Ball bearing (C)	138	90 x 66	75x45/61x51	8.5	38
LWG-TPA 126G-P25	LWG-TPA 126G-FI-P25	125	32	110	Plain bore	163	90 x 66	75x45/61x51	8.5	40
LWG-TPA 126K-FK-P25	LWG-TPA 126K-FI-FK-P25	125	32	110	Ball bearing (C)	163	90 x 66	75x45/61x51	8.5	40

For corrosion-resistant synthetic castors refer to page 124

### Options



	Image plain bore version	Electrically conductive version, non-marking grey *	Elastic solid rubber tyre, 65° shore A, non-marking grey, non-staining	With plate size 78 x 66 mm 61x50/50x42 mm	With directional lock (1 x 360°), combined with wheel brake	In special colour
Technical description page		36, 38	38	76	83	
Product code suffix		LWGE-...-ELS	LWG-POEV -SG series	-P28	-RIFI	
Available for		all ball bearing versions	upon request	upon request	wheel Ø 125 mm	upon request

\* Load capacity is reduced by 35 %

Series: LWG-TPA

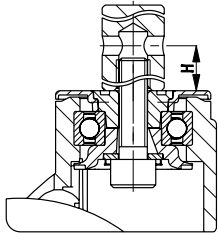
## Synthetic castors Blickle WAVE with stem fitting, colour silver grey, wheel with thermoplastic rubber tread

100 - 110 kg

RoHS



2



**Brackets:** LWG series - Made of high-quality, impact-resistant and reinforced nylon, with encapsulated, double-sealed grooved ball bearing in the swivel head, with zinc-plated, blue-passivated bolted and secured steel plug-in stem fitting (Cr6-free), silver grey RAL 7001. Modern, shapely design.  
Bracket overview: Page 63  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.  
Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey RAL 7001.  
Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard, silver grey RAL 7001.  
Detailed description: Page 42

Operating temperature: -20° C to +60° C.  
At ambient temperatures above +30° C the load capacity is reduced.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Ø retaining hole [mm]	Position retaining hole (H) [mm]	Offset [mm]
LWG-TPA 101G-ZA51	LWG-TPA 101G-FI-ZA51	100	32	100	Plain bore	135	18	62	M6	30	38
LWG-TPA 101G-ZA55	LWG-TPA 101G-FI-ZA55	100	32	100	Plain bore	135	22	45	M8	20	38
LWG-TPA 101G-ZA58	LWG-TPA 101G-FI-ZA58	100	32	100	Plain bore	135	27.5	45	M8	20	38
LWG-TPA 101K-FK-ZA51	LWG-TPA 101K-FI-FK-ZA51	100	32	100	Ball bearing (C)	135	18	62	M6	30	38
LWG-TPA 101K-FK-ZA55	LWG-TPA 101K-FI-FK-ZA55	100	32	100	Ball bearing (C)	135	22	45	M8	20	38
LWG-TPA 101K-FK-ZA58	LWG-TPA 101K-FI-FK-ZA58	100	32	100	Ball bearing (C)	135	27.5	45	M8	20	38
LWG-TPA 126G-ZA51	LWG-TPA 126G-FI-ZA51	125	32	110	Plain bore	160	18	62	M6	30	40
LWG-TPA 126G-ZA55	LWG-TPA 126G-FI-ZA55	125	32	110	Plain bore	160	22	45	M8	20	40
LWG-TPA 126G-ZA58	LWG-TPA 126G-FI-ZA58	125	32	110	Plain bore	160	27.5	45	M8	20	40
LWG-TPA 126K-FK-ZA51	LWG-TPA 126K-FI-FK-ZA51	125	32	110	Ball bearing (C)	160	18	62	M6	30	40
LWG-TPA 126K-FK-ZA55	LWG-TPA 126K-FI-FK-ZA55	125	32	110	Ball bearing (C)	160	22	45	M8	20	40
LWG-TPA 126K-FK-ZA58	LWG-TPA 126K-FI-FK-ZA58	125	32	110	Ball bearing (C)	160	27.5	45	M8	20	40

For corrosion-resistant synthetic castors refer to page 125  
Additional stem sizes upon request

### Options



	Image plain bore version	Electrically conductive version, non-marking grey *	Elastic solid rubber tyre, 65° shore A, non-marking grey, non-staining	With directional lock (1 x 360°), combined with wheel brake	In special colour
Technical description page		36, 38	38	83	
Product code suffix		LWGE-...-ELS	LWG-POEV -SG series	-RIFI	
Available for		all ball bearing versions	upon request	wheel Ø 125 mm	upon request

\* Load capacity is reduced by 35 %

Series: LWGX-TPA

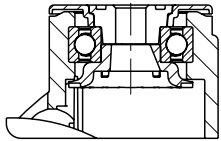
**Synthetic castors Blickle WAVE, corrosion-resistant, with bolt hole fitting, colour silver grey, wheel with thermoplastic rubber tread**

100 - 110 kg

✓RoHS



2



**Brackets:** LWGX series - Made of high-quality, impact-resistant and reinforced nylon, with encapsulated, double-sealed grooved corrosion-resistant ball bearing in the swivel head, with bolt hole fitting, silver grey RAL 7001. All parts incl. axle material are corrosion-resistant. Modern, shapely design.  
Bracket overview: Page 63  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.  
Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey RAL 7001.  
Bearing types: Plain bore or a centrally encapsulated corrosion-resistant ball bearing (C). Ball bearing (C) with synthetic thread guard as standard, silver grey RAL 7001. Detailed description: Page 42

Operating temperature: -20° C to +60° C.  
At ambient temperatures above +30° C the load capacity is reduced.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LWGX-TPA 101G	LWGX-TPA 101G-FI	100	32	100	Plain bore	135	55	13	38
LWGX-TPA 101G-11	LWGX-TPA 101G-11-FI	100	32	100	Plain bore	135	55	11	38
LWGX-TPA 101XK-FK	LWGX-TPA 101XK-FI-FK	100	32	100	Ball bearing (C)	135	55	13	38
LWGX-TPA 101XK-11-FK	LWGX-TPA 101XK-11-FI-FK	100	32	100	Ball bearing (C)	135	55	11	38
LWGX-TPA 126G	LWGX-TPA 126G-FI	125	32	110	Plain bore	160	55	13	40
LWGX-TPA 126G-11	LWGX-TPA 126G-11-FI	125	32	110	Plain bore	160	55	11	40
LWGX-TPA 126XK-FK	LWGX-TPA 126XK-FI-FK	125	32	110	Ball bearing (C)	160	55	13	40
LWGX-TPA 126XK-11-FK	LWGX-TPA 126XK-11-FI-FK	125	32	110	Ball bearing (C)	160	55	11	40

**Options \***




	Image plain bore version	Electrically conductive version, non-marking grey **	With stainless steel threaded pin M10 x 20	With stainless steel threaded pin M12 x 20	With synthetic expander fitting *** (total height +3 mm)	In special colour
Technical description page		36, 38	74	74	75	
Product code suffix		LWGXE-...-ELS	-GSX10	-GSX12	refer to page 126	
Available for		all ball bearing versions	all sizes with bolt hole Ø 13 mm	all sizes with bolt hole Ø 13 mm	all sizes with bolt hole Ø 11 mm	upon request

\* Additional options: Bumpers AW / AG / ARG series; rotating bumpers -AMWX / -AMGX series refer to page 127 (technical description page 84)  
\*\* Load capacity is reduced by 35 % \*\*\* Not available for electrically conductive version



Series: LWGX-TPA

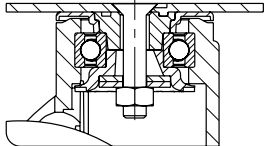
**Synthetic castors Blickle WAVE, corrosion-resistant, with top plate fitting, colour silver grey, wheel with thermoplastic rubber tread**

 100 - 110 kg

 RoHS



2



**Brackets:** LWGX series - Made of high-quality, impact-resistant and reinforced nylon, with encapsulated, double-sealed grooved corrosion-resistant ball bearing in the swivel head, with stainless steel top plate fitting, silver grey RAL 7001. All parts incl. axle material are corrosion-resistant. Modern, shapely design.  
Bracket overview: Page 64  
Top plate drawings: Page 76  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.  
Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey RAL 7001.  
Bearing types: Plain bore or a centrally encapsulated corrosion-resistant ball bearing (C). Ball bearing (C) with synthetic thread guard as standard, silver grey RAL 7001. Detailed description: Page 42

Operating temperature: -20° C to +60° C.  
At ambient temperatures above +30° C the load capacity is reduced.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LWGX-TPA 101G-PX25	LWGX-TPA 101G-FI-PX25	100	32	100	Plain bore	138	90 x 66	75x45/61x51	8.5	38
LWGX-TPA 101XK-FK-PX25	LWGX-TPA 101XK-FI-FK-PX25	100	32	100	Ball bearing (C)	138	90 x 66	75x45/61x51	8.5	38
LWGX-TPA 126G-PX25	LWGX-TPA 126G-FI-PX25	125	32	110	Plain bore	163	90 x 66	75x45/61x51	8.5	40
LWGX-TPA 126XK-FK-PX25	LWGX-TPA 126XK-FI-FK-PX25	125	32	110	Ball bearing (C)	163	90 x 66	75x45/61x51	8.5	40

## Options



	Image plain bore version	Electrically conductive version, non-marking grey *	With plate size 90 x 66 mm 75 x 50 mm **	With directional lock (1 x 360°), combined with wheel brake	In special colour
Technical description page		36, 38	76	83	
Product code suffix		LWGXE-...-ELS	-PX26	-RIFI	
Available for		all ball bearing versions	upon request	wheel Ø 125 mm	upon request

\* Load capacity is reduced by 35 %

\*\* In acc. to DIN 18867-8 (large-scale catering equipment)

Series: LWGX-TPA

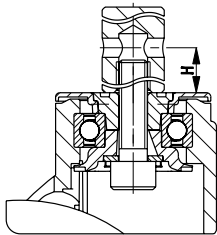
**Synthetic castors Blickle WAVE, corrosion-resistant, with stem fitting, colour silver grey, wheel with thermoplastic rubber tread**

100 - 110 kg

RoHS



2



**Brackets:** LWGX series - Made of high-quality, impact-resistant and reinforced nylon, with encapsulated, double-sealed grooved corrosion-resistant ball bearing in the swivel head, with stainless steel bolted and secured plug-in stem fitting, silver grey RAL 7001. All parts incl. axle material are corrosion-resistant.  
Modern, shapely design.  
Bracket overview: Page 64  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.  
Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey RAL 7001.  
Bearing types: Plain bore or a centrally encapsulated corrosion-resistant ball bearing (C). Ball bearing (C) with synthetic thread guard as standard, silver grey RAL 7001.  
Detailed description: Page 42

Operating temperature: -20° C to +60° C.  
At ambient temperatures above +30° C the load capacity is reduced.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Ø retaining hole [mm]	Position retaining hole (H) [mm]	Offset [mm]
LWGX-TPA 101G-ZAX51	LWGX-TPA 101G-FI-ZAX51	100	32	100	Plain bore	135	18	62	M6	30	38
LWGX-TPA 101G-ZAX55	LWGX-TPA 101G-FI-ZAX55	100	32	100	Plain bore	135	22	45	M8	20	38
LWGX-TPA 101G-ZAX58	LWGX-TPA 101G-FI-ZAX58	100	32	100	Plain bore	135	27.5	45	M8	20	38
LWGX-TPA 101XK-FK-ZAX51	LWGX-TPA 101XK-FI-FK-ZAX51	100	32	100	Ball bearing (C)	135	18	62	M6	30	38
LWGX-TPA 101XK-FK-ZAX55	LWGX-TPA 101XK-FI-FK-ZAX55	100	32	100	Ball bearing (C)	135	22	45	M8	20	38
LWGX-TPA 101XK-FK-ZAX58	LWGX-TPA 101XK-FI-FK-ZAX58	100	32	100	Ball bearing (C)	135	27.5	45	M8	20	38
LWGX-TPA 126G-ZAX51	LWGX-TPA 126G-FI-ZAX51	125	32	110	Plain bore	160	18	62	M6	30	40
LWGX-TPA 126G-ZAX55	LWGX-TPA 126G-FI-ZAX55	125	32	110	Plain bore	160	22	45	M8	20	40
LWGX-TPA 126G-ZAX58	LWGX-TPA 126G-FI-ZAX58	125	32	110	Plain bore	160	27.5	45	M8	20	40
LWGX-TPA 126XK-FK-ZAX51	LWGX-TPA 126XK-FI-FK-ZAX51	125	32	110	Ball bearing (C)	160	18	62	M6	30	40
LWGX-TPA 126XK-FK-ZAX55	LWGX-TPA 126XK-FI-FK-ZAX55	125	32	110	Ball bearing (C)	160	22	45	M8	20	40
LWGX-TPA 126XK-FK-ZAX58	LWGX-TPA 126XK-FI-FK-ZAX58	125	32	110	Ball bearing (C)	160	27.5	45	M8	20	40

Additional stem sizes upon request

**Options**



	Image plain bore version	Electrically conductive version, non-marking grey *	With directional lock (1 x 360°), combined with wheel brake	In special colour
Technical description page		36, 38	83	
Product code suffix		LWGXE-...-ELS	-RIFI	
Available for		all ball bearing versions	wheel Ø 125 mm	upon request

\* Load capacity is reduced by 35 %

## Options for synthetic castors Blickle WAVE

✓RoHS

2

### Central braking system 'central-stop' with stem fitting

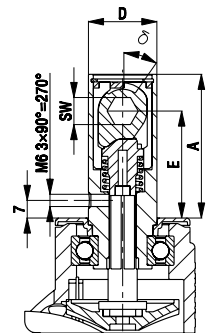
Product code suffix	Stem height (A) [mm]	Operating angle (δ)	Stem Ø (D) [mm]	Distance top plate to mid hexagon (E) [mm]	Width across flats (SW) [mm]
-CS11	58.5	35 °	28	43.5	11

This brake system provides a non-positive locking of the swivel head and the wheel. It is operated by a central brake lever via a brake linkage at the trolley.

Advantages at a glance:

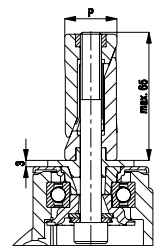
- Small operating angle with a low force need to apply and release.
- Space saving construction by a brake mechanism which is integrated in the stem, zinc-plated stem, blue-passivated, Cr6-free.
- Central braking to two or four castors is possible using a linkage system, resulting in the improved flexibility to position and design the brake lever.
- Due to the non-positive locking the brake cannot be destroyed when the brake forces are exceeded.

Available for all synthetic castors Blickle WAVE (except corrosion-resistant version).



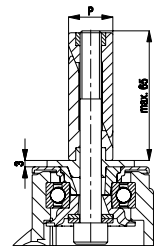
### Synthetic expander fitting for round tubes

Product code suffix	Product code suffix corrosion-resistant version	Internal tube dimension (P) [mm]	Available for all synthetic castors Blickle WAVE with bolt hole Ø 11 mm except electrically conductive version. Castor and expander are secured against loosening by a positive location fit. The maximum fitting length is 65 mm. <b>The total height of the castor is increased by 3 mm.</b> Detailed description: Page 75
-ER52	-EXR52	Ø 20 - 25	
-ER53	-EXR53	Ø 25 - 30	
-ER54	-EXR54	Ø 30 - 35	
-ER55	-EXR55	Ø 35 - 40	



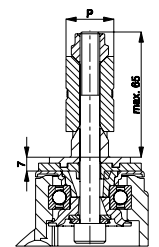
### Synthetic expander fitting for square tubes

Product code suffix	Product code suffix corrosion-resistant version	Internal tube dimension (P) [mm]	Available for all synthetic castors Blickle WAVE with bolt hole Ø 11 mm except electrically conductive version. Castor and expander are secured against loosening by a positive location fit. The maximum fitting length is 65 mm. <b>The total height of the castor is increased by 3 mm.</b> Detailed description: Page 75
-EV52	-EXV52	□ 18 - 21	
-EV53	-EXV53	□ 21 - 25	
-EV54	-EXV54	□ 25 - 29	
-EV55	-EXV55	□ 29 - 32	
-EV57	-EXV57	□ 32 - 38.5	



### Metal expander fitting for round and square tubes

Product code suffix	Internal tube dimension round tube (P) [mm]	Internal tube dimension square tube (P) [mm]	Available for all synthetic castors Blickle WAVE with bolt hole Ø 11 mm except corrosion-resistant version. Castor and expander are secured against loosening by a positive location fit. The maximum fitting length is 65 mm. <b>The total height of the castor is increased by 7 mm.</b> Detailed description: Page 75
-E51	Ø 17 - 19	□ 17 - 19	
-E52	Ø 20 - 25	□ 18 - 21	
-E53	Ø 25 - 30	□ 21 - 25	
-E54	Ø 30 - 35	□ 25 - 29	
-E55	Ø 35 - 40	□ 29 - 32	
-E57	Ø 39 - 45	□ 32 - 38.5	



## Options for synthetic castors Blickle WAVE



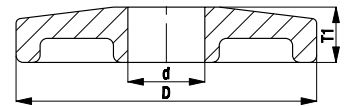
### Bumpers for round and square tubes

Product code synthetic (polyethylene)	Product code solid rubber	Wheel Ø (D) [mm]	Wheel width (T1) [mm]	Bore hole (d) [mm]
<b>Colour grey white</b>				
AW 100/R25		100	17.5	Ø 25
AW 100/V25		100	17.5	□ 25 x 25
AW 125/R25		125	17.5	Ø 25
AW 125/V25		125	17.5	□ 25 x 25
<b>Colour silver grey</b>				
AG 100/R25		100	17.5	Ø 25
AG 100/V25		100	17.5	□ 25 x 25
AG 125/R25		125	17.5	Ø 25
AG 125/V25		125	17.5	□ 25 x 25
<b>Colour grey</b>				
	ARG 75/R10	75	23	Ø 10
	ARG 100/R26	100	23	Ø 26
	ARG 100/R32	100	23	Ø 32
	ARG 125/R26	125	23	Ø 26
	ARG 125/R32	125	23	Ø 32

In collisions, bumpers will help prevent wall and vehicle damage. Bumpers for round and square tubes are fixed or attached to the outer edge of the tubular frame of the vehicle.

**AW/AG series:**  
Made of soft synthetic polyethylene, 48° shore D hardness, non-marking, colour grey white RAL 9002 (**AW**) or colour silver grey RAL 7001 (**AG**).

**ARG series:**  
Made of solid rubber, 75° shore A hardness, non-marking, colour grey (similar to RAL 7001).  
Detailed description: Page 84



Further dimensions and special colours upon request

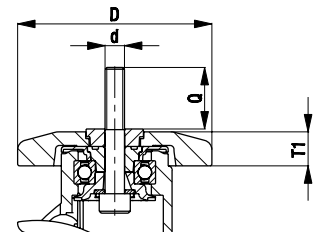
### Synthetic rotating bumpers (polyethylene)

Product code suffix zinc-plated bolt	Product code suffix stainless steel bolt	Wheel Ø (D) [mm]	Wheel width (T1) [mm]	Threaded pin (Ø x height) (d x Q) [mm]
<b>Colour grey white</b>				
-AMW100	-AMWX100	100	17.5	M10 x 27
-AMW125	-AMWX125	125	17.5	M10 x 27
<b>Colour silver grey</b>				
-AMG100	-AMGX100	100	17.5	M10 x 27
-AMG125	-AMGX125	125	17.5	M10 x 27

In collisions, bumpers will help prevent wall and vehicle damage. Rotating bumpers prevent further scraping of the walls.

**-AMW/-AMG series:**  
Made of soft synthetic polyethylene, 48° shore D hardness, non-marking, with high-strength synthetic plain bore bushes, colour grey white RAL 9002 (**-AMW**), colour silver grey RAL 7001 (**-AMG**).

Bumpers are fitted directly to the synthetic castors by zinc-plated (**-AMW/-AMG**) or stainless steel (**-AMWX/-AMGX**) bolt DIN 912. Synthetic castors with rotating bumper are fitted to the vehicle by the overlapping bolt (threaded pin). Available for all synthetic castors Blickle WAVE with bolt hole Ø 11 mm.  
**The total height of the castor is increased by 9 mm.**  
Detailed description: Page 84



Further dimensions and special colours upon request

Series: LKDG-PUA

**Synthetic twin wheel castors, colour light grey, wheels with thermoplastic polyurethane tread**

110 kg

RoHS



2

**Brackets:** LKDG series - Made of high-quality, impact-resistant nylon, with high-quality synthetic plain bore in the swivel head, with zinc-plated steel threaded pin, light grey RAL 7035.  
Bracket overview: Page 64

**Wheels:** PUA series - Tread: Made of high-quality thermoplastic polyurethane, 92° shore A, low-noise operation, low rolling and swivel resistance, good floor preservation, high abrasion resistance, black, non-marking, non-staining.  
Wheel centre: Made of high-quality, impact-resistant nylon, light grey RAL 7035.  
Bearing type: Plain bore.

Operating temperature: -30° C to +70° C, temporarily up to +80° C. At ambient temperatures above +35° C the load capacity is reduced.



Swivel castor	Swivel castor with 'Radstop' wheel brake	Wheel Ø [mm]	Wheel width [mm]	Total width castor [mm]	Load capacity [kg]	Bearing type	Total height incl. hexagon [mm]	Threaded pin [mm]	Offset [mm]
LKDG-PUA 100G	LKDG-PUA 100G-RA	100	2 x 19	65	110	Plain bore	120	M12 x 20	33

**Options**



	Stainless steel version	With zinc-plated steel top plate fitting 60x60 mm 38x38/46x46 mm *	In special colour
Technical description page		74	
Product code suffix		-P23	
Available for	upon request	all sizes	upon request

\* Total height +2 mm



Series: LKDB-PUA

**Synthetic twin wheel castors, colour black, wheels with thermoplastic polyurethane tread**

50 - 110 kg

RoHS



2

**Brackets:** LKDB series - Made of high-quality, impact-resistant nylon, with high-quality synthetic plain bore in the swivel head, with zinc-plated steel threaded pin, black RAL 9005.  
Bracket overview: Page 64

**Wheels:** PUA series - Tread: Made of high-quality thermoplastic polyurethane, 92° shore A, low-noise operation, low rolling and swivel resistance, good floor preservation, high abrasion resistance, black, non-marking, non-staining.  
Wheel centre: Made of high-quality, impact-resistant nylon, black RAL 9005.  
Bearing type: Plain bore.

Operating temperature: -30° C to +70° C, temporarily up to +80° C. At ambient temperatures above +35° C the load capacity is reduced.



Swivel castors	Swivel castors with 'Radstop' wheel brake	Wheel Ø [mm]	Wheel width [mm]	Total width castor [mm]	Load capacity [kg]	Bearing type	Total height incl. hexagon [mm]	Threaded pin [mm]	Offset [mm]
LKDB-PUA 50G *	LKDB-PUA 50G-RA *	50	2 x 12	52	50	Plain bore	61	M8 x 15	20
LKDB-PUA 75G *	LKDB-PUA 75G-RA *	75	2 x 15	56	75	Plain bore	86	M10 x 15	24
LKDB-PUA 100G	LKDB-PUA 100G-RA	100	2 x 19	65	110	Plain bore	120	M12 x 20	33

\* Castors are not permitted for office chairs

**Options**



	Image LKDB-PUA 50G-RA	Electrically conductive version, black colour, non-marking, 98° shore A	Stainless steel version	With zinc-plated steel plug-in pin Ø 11x19.5 mm	With zinc-plated steel top plate fitting 38x38 mm 25x25/27x27 mm **	With zinc-plated steel top plate fitting 60x60 mm 38x38/46x46 mm ***	In special colour
Technical description page		36		75	74	74	
Product code suffix		-ELS		-ES	-P20	-P23	
Available for		all sizes	upon request	wheel Ø 50-75 mm	wheel Ø 50 mm	wheel Ø 75-100 mm	upon request

\*\* Total height +5 mm


















\*\*\* Total height wheel Ø 75-100 mm: +2 mm

## Wheels and castors with standard solid rubber tyres and rubber tread

3



## Table of Contents

	<p><b>VE</b></p> <p>Series VE Wheel Ø 80 - 200 mm Load capacity 50 - 205 kg</p> <p><b>Page 132</b></p>	<p><b>LE</b></p>  LE-VE 80 - 200 mm 50 - 205 kg	<p><b>LER</b></p>  LER-VE 80 - 200 mm 50 - 205 kg	<p><b>LEZ</b></p>  LEZ-VE 80 - 200 mm 50 - 205 kg	<p><b>L</b></p>
	<p><b>V</b></p> <p>Series V Wheel Ø 80 - 400 mm Load capacity 50 - 800 kg</p> <p><b>Page 136/137</b></p>	 L-V 80 - 280 mm 50 - 385 kg <b>138</b>			
	<p><b>VPP/VPE</b></p> <p>Series VPP/VPE Wheel Ø 80 - 400 mm Load capacity 50 - 350 kg</p> <p><b>Page 139/140</b></p>	 LE-VPP 80 - 200 mm 50 - 205 kg	 LER-VPP 80 - 200 mm 50 - 205 kg	 LEZ-VPP 80 - 200 mm 50 - 205 kg	 L-VPP 80 - 250 mm 50 - 295 kg <b>144</b>
	<p><b>TPA</b></p> <p>Series TPA Wheel Ø 80 - 200 mm Load capacity 100 - 250 kg</p> <p><b>Page 145</b></p>	 LE-TPA 80 - 200 mm 100 - 250 kg	 LER-TPA 80 - 200 mm 100 - 250 kg		
	<p><b>VGA</b></p> <p>Series VGA Wheel Ø 100 - 125 mm Load capacity 90 - 100 kg</p> <p><b>Page 148</b></p>	 LE-VGA 100 - 125 mm 90 - 100 kg	 LER-VGA 100 - 125 mm 90 - 100 kg		

Series: VE

## Wheels with standard solid rubber tyres, with pressed steel rim

50 - 205 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>		80° shore A
<b>Temperature resistance</b>		-25° C - +80° C
<b>Rolling resistance</b>		reasonable
<b>Operating noise</b>		very good
<b>Floor surface preservation</b>		very good

### VE-wheel series:

**Tyres:** Made of standard solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

(Material description page 38)

**Rims:** Made of pressed steel, zinc-plated, blue-passivated, Cr6-free.

### Bearing type:

- Roller bearing, lubricated with long-life grease

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -25° C to +80° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 43**

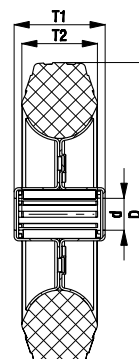
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
<b>VE 80/12R</b>	80	25	50	Roller bearing	12	35
<b>VE 100/12R</b>	100	30	70	Roller bearing	12	45
<b>VE 125/12R</b>	125	37.5	100	Roller bearing	12	45
<b>VE 150/20R</b>	150	40	135	Roller bearing	20	60
<b>VE 160/20R</b>	160	40	135	Roller bearing	20	60
<b>VE 180/20R</b>	180	50	170	Roller bearing	20	60
<b>VE 200/20R</b>	200	50	205	Roller bearing	20	60

For further wheel Ø refer to the V-wheel series on page 136 and 137

### Options



	With non-marking grey tyre	Electrically conductive version, black tyre
Technical description page	38	36, 38
<b>Product code suffix</b>	<b>-SG</b>	<b>-EL</b>
Available for	all sizes	all sizes



Series: LE-VE, B-VE

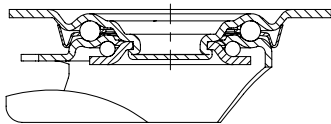
## Pressed steel castors with top plate fitting, wheel with standard solid rubber tyre

50 - 205 kg

RoHS



3



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 64  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VE series - Tyres: Made of standard solid rubber, 80° shore A, black.  
Rims: Made of pressed steel, zinc-plated, blue-passivated, Cr6-free.  
Bearing type: Roller bearing.  
Detailed description: Page 132 and 43



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-VE 80R	B-VE 80R	LE-VE 80R-FI	80	25	50	Roller bearing	102	100 x 85	80 x 60	9	38
LE-VE 100R	B-VE 100R	LE-VE 100R-FI	100	30	70	Roller bearing	125	100 x 85	80 x 60	9	36
LE-VE 125R	B-VE 125R	LE-VE 125R-FI	125	37.5	100	Roller bearing	150	100 x 85	80 x 60	9	40
LE-VE 150R	B-VE 150R	LE-VE 150R-FI	150	40	135	Roller bearing	190	140 x 110	105 x 75-80	11	54
LE-VE 160R	B-VE 160R	LE-VE 160R-FI	160	40	135	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-VE 180R	B-VE 180R	LE-VE 180R-FI	180	50	170	Roller bearing	215	140 x 110	105 x 75-80	11	54
LE-VE 200R	B-VE 200R	LE-VE 200R-FI	200	50	205	Roller bearing	235	140 x 110	105 x 75-80	11	54

### Options



	With non-marking grey tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro fit) 1 x 360° *	With synthetic (-FP) or steel (-FS) foot guard
Technical description page	38	36, 38	84	80	81	83	84
Product code suffix	-SG	-EL	-FA	-ST	-CS11	RI-03.01 / RI-03.03	-FP / -FS
Available for	all sizes	all sizes	all sizes	wheel Ø 150-200 mm	wheel Ø 160+200 mm	RI-03.01: Ø 100-125 RI-03.03: Ø 150-200	upon request

\* Only for swivel castors without brake



Series: LER-VE

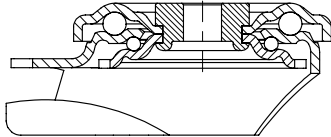
**Pressed steel castors with bolt hole fitting, wheel with standard solid rubber tyre**

50 - 205 kg

RoHS



3



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VE series - Tyres: Made of standard solid rubber, 80° shore A, black. Rims: Made of pressed steel, zinc-plated, blue-passivated, Cr6-free. Bearing type: Roller bearing. Detailed description: Page 132 and 43

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LER-VE 80R	LER-VE 80R-FI	80	25	50	Roller bearing	102	70	13	38
LER-VE 100R	LER-VE 100R-FI	100	30	70	Roller bearing	125	70	13	36
LER-VE 125R	LER-VE 125R-FI	125	37.5	100	Roller bearing	150	70	13	40
LER-VE 150R	LER-VE 150R-FI	150	40	135	Roller bearing	190	88	13	54
LER-VE 160R	LER-VE 160R-FI	160	40	135	Roller bearing	195	88	13	54
LER-VE 180R	LER-VE 180R-FI	180	50	170	Roller bearing	215	88	13	54
LER-VE 200R	LER-VE 200R-FI	200	50	205	Roller bearing	235	88	13	54

**Options**



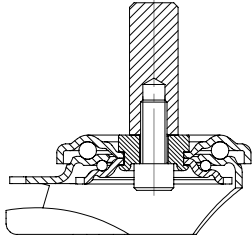
	With non-marking grey tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With synthetic foot guard	With steel foot guard
Technical description page	38	36, 38	84	84	84
Product code suffix	-SG	-EL	-FA	-FP	-FS
Available for	all sizes	all sizes	all sizes	wheel Ø 125 mm upon request	wheel Ø 150, 160, 200 upon request

Series: LEZ-VE

**Pressed steel castors with stem fitting, wheel with standard solid rubber tyre**

50 - 205 kg

RoHS



3

**Brackets:** LEZ series - Made of pressed steel, with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. The steel plug-in stem and central kingpin are either bolted and secured or made of one piece. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VE series - Tyres: Made of standard solid rubber, 80° shore A, black. Rims: Made of pressed steel, zinc-plated, blue-passivated, Cr6-free. Bearing type: Roller bearing. Detailed description: Page 132 and 43



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LEZ-VE 80R	LEZ-VE 80R-FI	80	25	50	Roller bearing	102	20	50	38
LEZ-VE 100R	LEZ-VE 100R-FI	100	30	70	Roller bearing	125	20	50	36
LEZ-VE 125R	LEZ-VE 125R-FI	125	37.5	100	Roller bearing	150	20	50	40
LEZ-VE 150R-22	LEZ-VE 150R-22-FI	150	40	135	Roller bearing	190	22	60	54
LEZ-VE 150R-27	LEZ-VE 150R-27-FI	150	40	135	Roller bearing	190	27	60	54
LEZ-VE 160R-22	LEZ-VE 160R-22-FI	160	40	135	Roller bearing	195	22	60	54
LEZ-VE 160R-27	LEZ-VE 160R-27-FI	160	40	135	Roller bearing	195	27	60	54
LEZ-VE 180R-22	LEZ-VE 180R-22-FI	180	50	170	Roller bearing	215	22	60	54
LEZ-VE 180R-27	LEZ-VE 180R-27-FI	180	50	170	Roller bearing	215	27	60	54
LEZ-VE 200R-22	LEZ-VE 200R-22-FI	200	50	205	Roller bearing	235	22	60	54
LEZ-VE 200R-27	LEZ-VE 200R-27-FI	200	50	205	Roller bearing	235	27	60	54

**Options**



	With non-marking grey tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With synthetic foot guard	With steel foot guard
Technical description page	38	36, 38	84	84	84
Product code suffix	-SG	-EL	-FA	-FP	-FS
Available for	all sizes	upon request	upon request	wheel Ø 125 mm upon request	wheel Ø 150,160, 200 upon request

Series: V, wheel Ø 80-200 mm

## Wheels with standard solid rubber tyres, with pressed steel rim, reinforced design

50 - 300 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>		80° shore A
<b>Temperature resistance</b>		-25° C - +80° C
<b>Rolling resistance</b>		reasonable
<b>Operating noise</b>		very good
<b>Floor surface preservation</b>		very good

### V-wheel series:

**Tyres:** Made of standard solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

(Material description page 38)

**Rims:** Made of pressed steel, with tubular steel hub, bolted or pressed.

**This special Blickle rim design is extremely strong, even under extreme shock and impact loads. Smooth and elegant design ('Die gute Industrieform' design award).**

Zinc-plated, blue-passivated, Cr6-free.

### Bearing types:

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -25° C to +80° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 43**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
V 80/12R	80	25	50	Roller bearing	12	35
V 100/15R	100	30	70	Roller bearing	15	45
V 125/15R	125	37.5	100	Roller bearing	15	45
V 140/15R	140	37.5	115	Roller bearing	15	45
V 162/20G	160	40	135	Plain bore	20	60
V 162/20R	160	40	135	Roller bearing	20	60
V 182/20G	180	50	170	Plain bore	20	60
V 182/20R	180	50	170	Roller bearing	20	60
V 184/20-50K *	180	80	300	Ball bearing	20	50
V 202/20G	200	50	205	Plain bore	20	60
V 202/20R	200	50	205	Roller bearing	20	60
V 202/25R	200	50	205	Roller bearing	25	60
V 200/20K *	200	50	205	Ball bearing	20	60
V 205/20R	200	65	225	Roller bearing	20	60

\* Bolted version

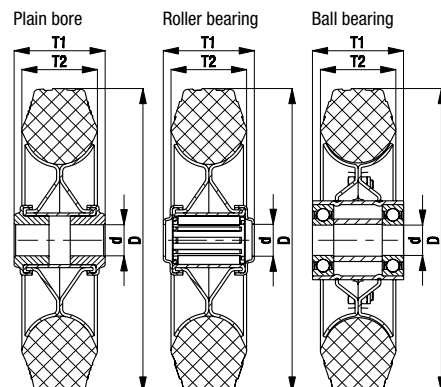
**For further wheel Ø refer to the next page**

### Options



Image	With non-marking grey tyre	Electrically conductive version, black tyre
V 184/20-50K		
Technical description page	38	36, 38
<b>Product code suffix</b>	<b>-SG</b>	<b>-EL</b>
Available for	wheel Ø 80-180x50, 200x50 mm **	wheel Ø 80-180x50, 200x50 mm **

\*\* Only available for roller and ball bearing versions



Series: V, wheel Ø 250-400 mm

## Wheels with standard solid rubber tyres, with pressed steel rim

295 - 800 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>	80° shore A
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	reasonable
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### V-wheel series:

**Tyres:** Made of standard solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

(Material description page 38)

**Rims:** Made of pressed steel, with tubular steel hub, bolted or pressed.

**This special Blickle rim design is extremely strong, even under extreme shock and impact loads. Smooth and elegant design ('Die gute Industrieform' design award).**

Zinc-plated, blue-passivated, Cr6-free.

### Bearing types:

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -25° C to +80° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 43**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
V 252/20G *	250	60	295	Plain bore	20	65
V 252/25G *	250	60	295	Plain bore	25	65
V 252/25R *	250	60	295	Roller bearing	25	65
V 250/25K	250	60	295	Ball bearing	25	65
V 254/25-65R	250	75	320	Roller bearing	25	65
V 256/20-75K	250	85	350	Ball bearing	20	75
V 256/25-75K	250	85	350	Ball bearing	25	75
V 265/25-75G	265	64	800 **	Plain bore	25	75
V 282/25R *	280	70	385	Roller bearing	25	75
V 302/25-50R	300	60	300	Roller bearing	25	50
V 302/25-75R	300	60	300	Roller bearing	25	75
V 302/30-55G	300	60	700 **	Plain bore	30	55
V 350/25-80R	350	70	300	Roller bearing	25	80
V 350/25-75K	350	70	300	Ball bearing	25	75
V 400/25-90G	400	75	300	Plain bore	25	90
V 400/25-75R	400	75	300	Roller bearing	25	75
V 400/25-90R	400	75	300	Roller bearing	25	90
V 400/30-90R	400	75	300	Roller bearing	30	90
V 402/25-90R	400	80	475	Roller bearing	25	90
V 402/30-90K	400	80	475	Ball bearing	30	90

\* Pressed version

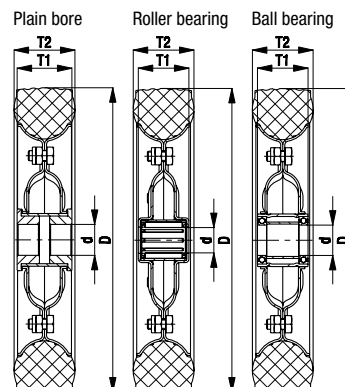
\*\* Static load

### Options



	With non-marking grey tyre	Electrically conductive version, black tyre
Technical description page	38	36, 38
Product code suffix	-SG	-EL
Available for	wheel Ø 250x60 mm ***	wheel Ø 250x60 mm ***

\*\*\* Only available for roller and ball bearing versions



Series: L-V, B-V, BH-V

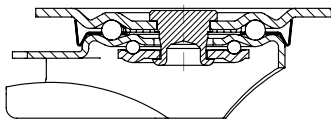
**Pressed steel castors, medium duty brackets, with top plate fitting, wheel with standard solid rubber tyre**

50 - 385 kg

RoHS



3



**Brackets:** L/B/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160-280 mm), swivel head seals (exception: plate size 175x175 mm). The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 65  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** V series - Tyres: Made of standard solid rubber, 80° shore A, black.  
Rims: Made of pressed steel, with tubular steel hub.  
**This special Blickle rim design is extremely strong, even under extreme shock and impact loads. Smooth and elegant design ('Die gute Industrieform' design award).**  
Zinc-plated, blue-passivated, Cr6-free.  
Bearing types: Roller bearing or two pressed-in ball bearings.  
Detailed description: Page 136, 137 and 43

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-V 80R	B-V 80R	L-V 80R-FI	80	25	50	Roller bearing	102	100 x 85	80 x 60	9	38
L-V 100R	B-V 100R	L-V 100R-FI	100	30	70	Roller bearing	125	100 x 85	80 x 60	9	36
L-V 125R	B-V 125R	L-V 125R-FI	125	37.5	100	Roller bearing	150	100 x 85	80 x 60	9	40
L-V 140R	B-V 140R	L-V 140R-FI	140	37.5	115	Roller bearing	170	140 x 110	105 x 75-80	11	50
L-V 162R	B-V 162R	L-V 162R-FI	160	40	135	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-V 182R	B-V 182R	L-V 182R-FI	180	50	170	Roller bearing	215	140 x 110	105 x 75-80	11	60
L-V 202R	B-V 202R	L-V 202R-FI	200	50	205	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-V 200K	B-V 200K	L-V 200K-FI	200	50	205	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-V 205R	B-V 205R	*	200	65	225	Roller bearing	240	140 x 110	105 x 75-80	11	70
L-V 252R-3	BH-V 252R	*	250	60	295	Roller bearing	295	140 x 110	105 x 75-80	11	77
L-V 252R		*	250	60	295	Roller bearing	295	175 x 175	140 x 140	15	70
	B-V 252R		250	60	295	Roller bearing	295	220 x 120	190 x 75	15	
L-V 256K		*	250	85	350	Ball bearing	295	175 x 175	140 x 140	15	70
	B-V 256K		250	85	350	Ball bearing	295	220 x 120	190 x 75	15	
L-V 282R		*	280	70	385	Roller bearing	318	175 x 175	140 x 140	15	78
	B-V 282R		280	70	385	Roller bearing	318	220 x 120	190 x 75	15	

\* For the 'stop-top' brake version refer to 'Options'

**Options**



	With non-marking grey tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° **	With synthetic foot guard	With steel foot guard
Technical description page	38	36, 38	84	80	83	84	84
Product code suffix	-SG	-EL	-FA	-ST	RI-03.01 / RI-05.03	-FP	-FS
Available for	wheel Ø 80 - 200x50, 250x60 mm	wheel Ø 80 - 200x50, 250x60 mm	wheel Ø 80 - 250x60 mm	all sizes	RI-03.01: Ø 100-125 RI-05.03: 160-200x50	wheel Ø 125 mm upon request	Ø 160+200 mm upon request

\*\* Only for swivel castors without brake



Series: VPP, wheel Ø 80-180 mm

## Wheels with standard solid rubber tyres, with synthetic rim

50 - 170 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>	80° shore A
<b>Temperature resistance</b>	-20° C - +60° C
<b>Rolling resistance</b>	reasonable
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### VPP-wheel series:

**Tyres:** Made of standard solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

Wheel dimension 80 x 32 mm: 90° shore A hardness.

(Material description page 38)

**Rims:** Made of high-quality, impact-resistant polypropylene, colour black.

Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, colour dark grey.

### Bearing types:

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease

### Other features:

High chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -20° C to +60° C.

At ambient temperatures above +30° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 43**

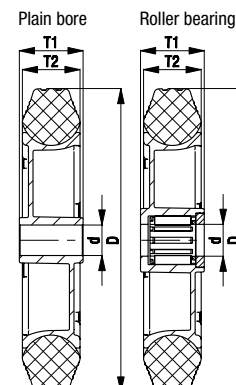
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPP 80/12G	80	25	50	Plain bore	12	35
VPP 80/12R	80	25	50	Roller bearing	12	35
VPP 82/12G	80	32	100	Plain bore	12	35
VPP 100/12G	100	30	70	Plain bore	12	45
VPP 100/15G	100	30	70	Plain bore	15	45
VPP 100/12R	100	30	70	Roller bearing	12	45
VPP 100/15R	100	30	70	Roller bearing	15	45
VPP 125/12G	125	37.5	100	Plain bore	12	45
VPP 125/15G	125	37.5	100	Plain bore	15	45
VPP 125/12R	125	37.5	100	Roller bearing	12	45
VPP 125/15R	125	37.5	100	Roller bearing	15	45
VPP 140/15G	140	37.5	115	Plain bore	15	45
VPP 140/15R	140	37.5	115	Roller bearing	15	45
VPP 150/20G	150	40	135	Plain bore	20	60
VPP 150/20R	150	40	135	Roller bearing	20	60
VPP 160/20-45G	160	40	135	Plain bore	20	45
VPP 160/20G	160	40	135	Plain bore	20	60
VPP 160/20-45R	160	40	135	Roller bearing	20	45
VPP 160/20R	160	40	135	Roller bearing	20	60
VPP 180/20G	180	50	170	Plain bore	20	60
VPP 180/20R	180	50	170	Roller bearing	20	60

For further wheel Ø refer to the next page

### Options



Image	With non-marking grey tyre	With stainless steel roller bearing in the wheel hub	STARLOCK® stainless steel cap
VPP 82/12G			
Technical description page	38	60	85
Product code suffix	-SG	-XR	ST-KA 12, 15, 20
Available for	all sizes	upon request	all axle bore Ø



Series: VPP, wheel Ø 200-400 mm, VPE, wheel Ø 260 mm

## Wheels with standard solid rubber tyres, with synthetic rim

150 - 350 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>		80° shore A
<b>Temperature resistance</b>		-20° C - +60° C
<b>Rolling resistance</b>		reasonable
<b>Operating noise</b>		very good
<b>Floor surface preservation</b>		very good

### VPP, VPE-wheel series:

**Tyres:** Made of standard solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

Wheel dimension 260 x 85 mm: 55° shore A hardness.

(Material description page 38)

**Rims:** Made of high-quality, impact-resistant polypropylene, colour black.

#### Bearing types:

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

#### Other features:

High chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -20° C to +60° C.

At ambient temperatures above +30° C the load capacity is reduced.

Maintenance-free under standard conditions.

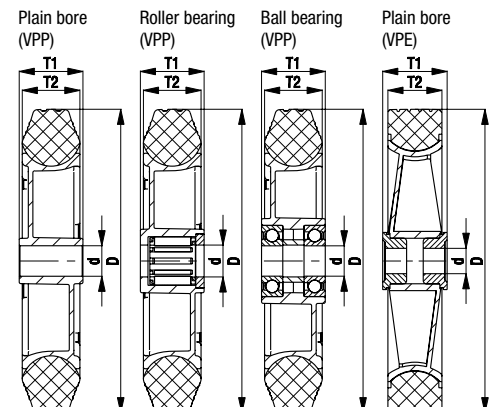
**Wheel series overview page 43**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPP 200/20G	200	50	205	Plain bore	20	60
VPP 200/25G	200	50	205	Plain bore	25	60
VPP 200/20R	200	50	205	Roller bearing	20	60
VPP 200/20K	200	50	205	Ball bearing	20	60
VPP 205/20G	200	65	205	Plain bore	20	60
VPP 250/20G	250	60	295	Plain bore	20	65
VPP 250/20-74G	250	60	295	Plain bore	20	74
VPP 250/25G	250	60	295	Plain bore	25	65
VPP 250/25-74G	250	60	295	Plain bore	25	74
VPP 250/25R	250	60	295	Roller bearing	25	65
VPP 250/20K	250	60	295	Ball bearing	20	65
VPP 250/25K	250	60	295	Ball bearing	25	65
VPP 254/25G	250	75	300	Plain bore	25	65
VPP 256/20G	250	85	250	Plain bore	20	75
VPP 256/20R	250	85	250	Roller bearing	20	75
VPE 260/20G	260	85	150	Plain bore	20	88
VPP 300/25G	300	60	250	Plain bore	25	60
VPP 355/25R	355	75	300	Roller bearing	25	75
VPP 400/25G	400	100	350	Plain bore	25	75
VPP 400/25R	400	100	350	Roller bearing	25	75

### Options



	With non-marking grey tyre	Red centre	With stainless steel roller bearing in the wheel hub	STARLOCK® stainless steel cap
Technical description page	38		60	85
<b>Product code suffix</b>	<b>-SG</b>	<b>-ROT</b>	<b>-XR</b>	<b>ST-KA 20, 25</b>
Available for	wheel Ø 200x50 + 250x60 mm	wheel Ø 260 mm	upon request	all axle bore Ø

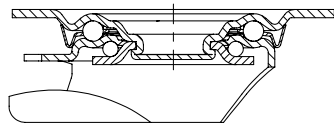


Series: LE-VPP, B-VPP

## Pressed steel castors with top plate fitting, wheel with standard solid rubber tyre

50 - 205 kg

RoHS



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 64 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPP series - Tyres: Made of standard solid rubber, 80° shore A, black. Wheel dimension 80 x 32 mm: 90° shore A. Rims: Made of high-quality, impact-resistant polypropylene, black. Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, dark grey. Bearing types: Plain bore or roller bearing. Detailed description: Page 139, 140 and 43

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-VPP 80G	B-VPP 80G	LE-VPP 80G-FI	80	25	50	Plain bore	102	100 x 85	80 x 60	9	38
LE-VPP 80R	B-VPP 80R	LE-VPP 80R-FI	80	25	50	Roller bearing	102	100 x 85	80 x 60	9	38
LE-VPP 82G	B-VPP 82G	LE-VPP 82G-FI	80	32	100	Plain bore	102	100 x 85	80 x 60	9	38
LE-VPP 100G	B-VPP 100G	LE-VPP 100G-FI	100	30	70	Plain bore	125	100 x 85	80 x 60	9	36
LE-VPP 100R	B-VPP 100R	LE-VPP 100R-FI	100	30	70	Roller bearing	125	100 x 85	80 x 60	9	36
LE-VPP 125G	B-VPP 125G	LE-VPP 125G-FI	125	37.5	100	Plain bore	150	100 x 85	80 x 60	9	40
LE-VPP 125R	B-VPP 125R	LE-VPP 125R-FI	125	37.5	100	Roller bearing	150	100 x 85	80 x 60	9	40
LE-VPP 150G	B-VPP 150G	LE-VPP 150G-FI	150	40	135	Plain bore	190	140 x 110	105 x 75-80	11	54
LE-VPP 150R	B-VPP 150R	LE-VPP 150R-FI	150	40	135	Roller bearing	190	140 x 110	105 x 75-80	11	54
LE-VPP 160G	B-VPP 160G	LE-VPP 160G-FI	160	40	135	Plain bore	195	140 x 110	105 x 75-80	11	54
LE-VPP 160R	B-VPP 160R	LE-VPP 160R-FI	160	40	135	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-VPP 180G	B-VPP 180G	LE-VPP 180G-FI	180	50	170	Plain bore	215	140 x 110	105 x 75-80	11	54
LE-VPP 180R	B-VPP 180R	LE-VPP 180R-FI	180	50	170	Roller bearing	215	140 x 110	105 x 75-80	11	54
LE-VPP 200G	B-VPP 200G	LE-VPP 200G-FI	200	50	205	Plain bore	235	140 x 110	105 x 75-80	11	54
LE-VPP 200R	B-VPP 200R	LE-VPP 200R-FI	200	50	205	Roller bearing	235	140 x 110	105 x 75-80	11	54

For stainless steel versions refer to page 355

### Options



	With non-marking grey tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *	With synthetic foot guard
Technical description page	38	84	80	83	83	84
Product code suffix	-SG	-FA	-ST	RI-03.01	RI-03.03	-FP
Available for	all sizes	all sizes	wheel Ø 150-200 mm	wheel Ø 100-125 mm	wheel Ø 150-200 mm	wheel Ø 125 mm upon request

\* Only for swivel castors without brake

Series: LER-VPP

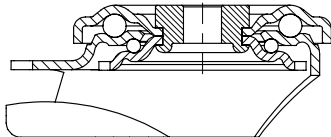
## Pressed steel castors with bolt hole fitting, wheel with standard solid rubber tyre

50 - 205 kg

RoHS



3



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPP series - Tyres: Made of standard solid rubber, 80° shore A, black. Wheel dimension 80 x 32 mm: 90° shore A. Rims: Made of high-quality, impact-resistant polypropylene, black. Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, dark grey. Bearing types: Plain bore or roller bearing. Detailed description: Page 139, 140 and 43

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LER-VPP 80G	LER-VPP 80G-FI	80	25	50	Plain bore	102	70	13	38
LER-VPP 80R	LER-VPP 80R-FI	80	25	50	Roller bearing	102	70	13	38
LER-VPP 82G	LER-VPP 82G-FI	80	32	100	Plain bore	102	70	13	38
LER-VPP 100G	LER-VPP 100G-FI	100	30	70	Plain bore	125	70	13	36
LER-VPP 100R	LER-VPP 100R-FI	100	30	70	Roller bearing	125	70	13	36
LER-VPP 125G	LER-VPP 125G-FI	125	37.5	100	Plain bore	150	70	13	40
LER-VPP 125R	LER-VPP 125R-FI	125	37.5	100	Roller bearing	150	70	13	40
LER-VPP 150G	LER-VPP 150G-FI	150	40	135	Plain bore	190	88	13	54
LER-VPP 150R	LER-VPP 150R-FI	150	40	135	Roller bearing	190	88	13	54
LER-VPP 160G	LER-VPP 160G-FI	160	40	135	Plain bore	195	88	13	54
LER-VPP 160R	LER-VPP 160R-FI	160	40	135	Roller bearing	195	88	13	54
LER-VPP 180G	LER-VPP 180G-FI	180	50	170	Plain bore	215	88	13	54
LER-VPP 180R	LER-VPP 180R-FI	180	50	170	Roller bearing	215	88	13	54
LER-VPP 200G	LER-VPP 200G-FI	200	50	205	Plain bore	235	88	13	54
LER-VPP 200R	LER-VPP 200R-FI	200	50	205	Roller bearing	235	88	13	54

For stainless steel versions refer to page 356

### Options



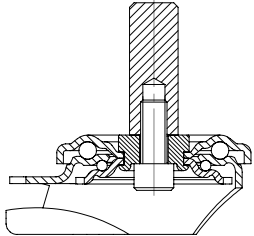
	With non-marking grey tyre	With pressed steel thread guard, zinc-plated	With synthetic foot guard
Technical description page	38	84	84
Product code suffix	-SG	-FA	-FP
Available for	all sizes	upon request	wheel Ø 125 mm upon request

Series: LEZ-VPP

## Pressed steel castors with stem fitting, wheel with standard solid rubber tyre

50 - 205 kg

RoHS



3

**Brackets:** LEZ series - Made of pressed steel, with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. The steel plug-in stem and central kingpin are either bolted and secured or made of one piece. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPP series - Tyres: Made of standard solid rubber, 80° shore A, black. Wheel dimension 80 x 32 mm: 90° shore A. Rims: Made of high-quality, impact-resistant polypropylene, black. Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, dark grey. Bearing type: Plain bore. Detailed description: Page 139, 140 and 43



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LEZ-VPP 80G	LEZ-VPP 80G-FI	80	25	50	Plain bore	102	20	50	38
LEZ-VPP 82G	LEZ-VPP 82G-FI	80	32	100	Plain bore	102	20	50	38
LEZ-VPP 100G	LEZ-VPP 100G-FI	100	30	70	Plain bore	125	20	50	36
LEZ-VPP 125G	LEZ-VPP 125G-FI	125	37.5	100	Plain bore	150	20	50	40
LEZ-VPP 150G-22	LEZ-VPP 150G-22-FI	150	40	135	Plain bore	190	22	60	54
LEZ-VPP 150G-27	LEZ-VPP 150G-27-FI	150	40	135	Plain bore	190	27	60	54
LEZ-VPP 160G-22	LEZ-VPP 160G-22-FI	160	40	135	Plain bore	195	22	60	54
LEZ-VPP 160G-27	LEZ-VPP 160G-27-FI	160	40	135	Plain bore	195	27	60	54
LEZ-VPP 200G-22	LEZ-VPP 200G-22-FI	200	50	205	Plain bore	235	22	60	54
LEZ-VPP 200G-27	LEZ-VPP 200G-27-FI	200	50	205	Plain bore	235	27	60	54

For stainless steel versions refer to page 357

### Options



	With non-marking grey tyre	With pressed steel thread guard, zinc-plated
Technical description page	38	84
Product code suffix	-SG	-FA
Available for	all sizes	upon request



Series: L-VPP, B-VPP, BH-VPP

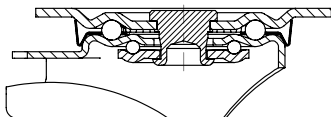
**Pressed steel castors, medium duty brackets, with top plate fitting, wheel with standard solid rubber tyre**

50 - 295 kg

RoHS



3



**Brackets:** L/B/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160-250 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPP series - Tyres: Made of standard solid rubber, 80° shore A, black. Wheel dimension 80 x 32 mm: 90° shore A. Rims: Made of high-quality, impact-resistant polypropylene, black. Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, dark grey. Bearing types: Plain bore or roller bearing. Detailed description: Page 139, 140 and 43

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-VPP 80G	B-VPP 80G	L-VPP 80G-FI	80	25	50	Plain bore	102	100 x 85	80 x 60	9	38
L-VPP 80R	B-VPP 80R	L-VPP 80R-FI	80	25	50	Roller bearing	102	100 x 85	80 x 60	9	38
L-VPP 82G	B-VPP 82G	L-VPP 82G-FI	80	32	100	Plain bore	102	100 x 85	80 x 60	9	38
L-VPP 100G	B-VPP 100G	L-VPP 100G-FI	100	30	70	Plain bore	125	100 x 85	80 x 60	9	36
L-VPP 100R	B-VPP 100R	L-VPP 100R-FI	100	30	70	Roller bearing	125	100 x 85	80 x 60	9	36
L-VPP 125G	B-VPP 125G	L-VPP 125G-FI	125	37.5	100	Plain bore	150	100 x 85	80 x 60	9	40
L-VPP 125R	B-VPP 125R	L-VPP 125R-FI	125	37.5	100	Roller bearing	150	100 x 85	80 x 60	9	40
L-VPP 140G	B-VPP 140G	L-VPP 140G-FI	140	37.5	115	Plain bore	170	140 x 110	105 x 75-80	11	50
L-VPP 140R	B-VPP 140R	L-VPP 140R-FI	140	37.5	115	Roller bearing	170	140 x 110	105 x 75-80	11	50
L-VPP 160G	B-VPP 160G	L-VPP 160G-FI	160	40	135	Plain bore	195	140 x 110	105 x 75-80	11	60
L-VPP 160R	B-VPP 160R	L-VPP 160R-FI	160	40	135	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-VPP 180G	B-VPP 180G	L-VPP 180G-FI	180	50	170	Plain bore	215	140 x 110	105 x 75-80	11	60
L-VPP 180R	B-VPP 180R	L-VPP 180R-FI	180	50	170	Roller bearing	215	140 x 110	105 x 75-80	11	60
L-VPP 200G	B-VPP 200G	L-VPP 200G-FI	200	50	205	Plain bore	235	140 x 110	105 x 75-80	11	65
L-VPP 200R	B-VPP 200R	L-VPP 200R-FI	200	50	205	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-VPP 250G-3	BH-VPP 250G	*	250	60	295	Plain bore	295	140 x 110	105 x 75-80	11	77
L-VPP 250R-3	BH-VPP 250R	*	250	60	295	Roller bearing	295	140 x 110	105 x 75-80	11	77

\* For the 'stop-top' brake version refer to 'Options'

**Options**



	With non-marking grey tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° **	Directional lock (retro fit) 1 x 360° **	With synthetic foot guard
Technical description page	38	84	80	83	83	84
Product code suffix	-SG	-FA	-ST	RI-03.01	RI-05.03	-FP
Available for	all sizes	wheel Ø 80-200 mm	all sizes	wheel Ø 100-125 mm	wheel Ø 160-200 mm	wheel Ø 125 mm upon request

\*\* Only for swivel castors without brake

Series: TPA

## Wheels with thermoplastic rubber tread, with polypropylene wheel centre

100 - 250 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>	85° shore A
<b>Temperature resistance</b>	-20° C - +60° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

**TPA-wheel series:**

**Tread:** Made of high-quality thermoplastic rubber-elastomer (TPE), 85° shore A hardness, high operational comfort, low-noise operation, low rolling and swivel resistance, good floor preservation, colour grey, non-marking, chemically bonded for an inseparable connection with the wheel centre.

(Material description page 38)

**Wheel centre:** Made of high-quality, impact-resistant polypropylene, colour silver grey (colour black for electrically conductive '-ELS' version).

**Bearing types:**

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected polypropylene, wheel Ø 80-125 mm with integrated synthetic thread guard, lubricated with long-life grease.

**Other features:**

Very high chemical resistance to many aggressive substances (table page 36-37).  
 Operating temperature: -20° C to +60° C.  
 At ambient temperatures above +30° C the load capacity is reduced.  
 Maintenance-free under standard conditions.  
 The tread contains traces of oil. On absorbent surfaces this can cause some staining. As an option we recommend wheels from the VGA (page 148) or PATH (page 208) series.

**Wheel series overview page 42**

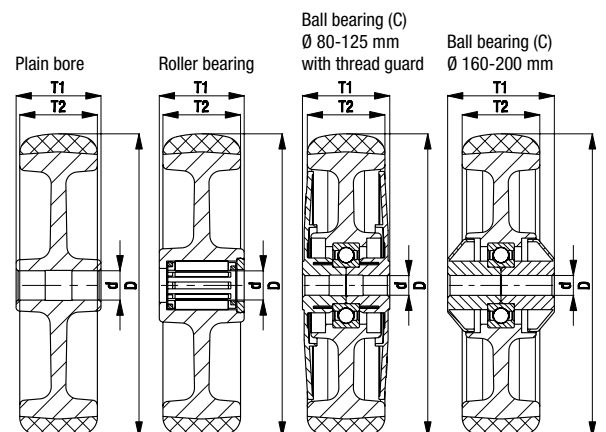
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
TPA 80/12G	80	32	100	Plain bore	12	35
TPA 80/8K-FK	80	32	100	Ball bearing (C)	8	36
TPA 102/12G	100	32	110	Plain bore	12	45
TPA 102/8K-FK	100	32	110	Ball bearing (C)	8	46
TPA 127/12G	125	32	125	Plain bore	12	45
TPA 127/8K-FK	125	32	125	Ball bearing (C)	8	46
TPA 160/20G	160	40	200	Plain bore	20	60
TPA 160/20R	160	40	200	Roller bearing	20	60
TPA 160/20K	160	40	200	Ball bearing (C)	20	60
TPA 200/20G	200	40	250	Plain bore	20	60
TPA 200/20R	200	40	250	Roller bearing	20	60
TPA 200/20K	200	40	250	Ball bearing (C)	20	60

For further dimensions refer to page 88

**Options \***



Image version	Electrically conductive version, non-marking grey **	Wheel with additional ball bearing seals
Image version ball bearing (C)		
Technical description page	36, 38	61
<b>Product code suffix</b>	<b>-ELS</b>	<b>-KD</b>
Available for	all plain bore and ball bearing versions	all ball bearing versions



\* **Additional options:** Stainless steel roller bearing (-XR), available for all roller bearing versions (technical description page 60)  
 \*\* Load capacity is reduced by 35 %

Series: LE-TPA, B-TPA

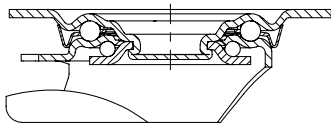
## Pressed steel castors with top plate fitting, wheel with thermoplastic rubber tread

100 - 250 kg

RoHS



3



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 64 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking. Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey (black for electrically conductive '-ELS' version). Bearing types: Plain bore, roller bearing or a centrally encapsulated ball bearing (C). Ball bearing (C) for wheel Ø 80-125 mm with synthetic thread guard as standard. Detailed description: Page 145 and 42

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-TPA 80G	B-TPA 80G	LE-TPA 80G-FI	80	32	100	Plain bore	102	100 x 85	80 x 60	9	38
LE-TPA 80K-FK	B-TPA 80K-FK	LE-TPA 80K-FI-FK	80	32	100	Ball bearing (C)	102	100 x 85	80 x 60	9	38
LE-TPA 102G	B-TPA 102G	LE-TPA 102G-FI	100	32	110	Plain bore	125	100 x 85	80 x 60	9	36
LE-TPA 102K-FK	B-TPA 102K-FK	LE-TPA 102K-FI-FK	100	32	110	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-TPA 127G	B-TPA 127G	LE-TPA 127G-FI	125	32	125	Plain bore	150	100 x 85	80 x 60	9	40
LE-TPA 127K-FK	B-TPA 127K-FK	LE-TPA 127K-FI-FK	125	32	125	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LE-TPA 160G	B-TPA 160G	LE-TPA 160G-FI	160	40	200	Plain bore	195	140 x 110	105 x 75-80	11	54
LE-TPA 160R	B-TPA 160R	LE-TPA 160R-FI	160	40	200	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-TPA 160K	B-TPA 160K	LE-TPA 160K-FI	160	40	200	Ball bearing (C)	195	140 x 110	105 x 75-80	11	54
LE-TPA 200G	B-TPA 200G	LE-TPA 200G-FI	200	40	250	Plain bore	235	140 x 110	105 x 75-80	11	54
LE-TPA 200R	B-TPA 200R	LE-TPA 200R-FI	200	40	250	Roller bearing	235	140 x 110	105 x 75-80	11	54
LE-TPA 200K	B-TPA 200K	LE-TPA 200K-FI	200	40	250	Ball bearing (C)	235	140 x 110	105 x 75-80	11	54

For stainless steel versions refer to page 353

### Options



	Image plain bore version	Electrically conductive version, non-marking grey *	With synthetic foot guard	Wheel with additional ball bearing seals
Technical description page		36, 38	84	61
Product code suffix		-ELS	-FP	-KD
Available for		all plain bore and ball bearing versions	wheel Ø 125 mm upon request	all ball bearing versions

\* Load capacity is reduced by 35 %

Series: LER-TPA

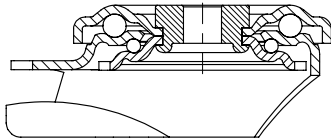
## Pressed steel castors with bolt hole fitting, wheel with thermoplastic rubber tread

100 - 250 kg

RoHS



3



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking. Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey (black for electrically conductive '-ELS' version). Bearing types: Plain bore, roller bearing or a centrally encapsulated ball bearing (C). Ball bearing (C) for wheel Ø 80-125 mm with synthetic thread guard as standard. Detailed description: Page 145 and 42



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LER-TPA 80G	LER-TPA 80G-FI	80	32	100	Plain bore	102	70	13	38
LER-TPA 80K-FK	LER-TPA 80K-FI-FK	80	32	100	Ball bearing (C)	102	70	13	38
LER-TPA 102G	LER-TPA 102G-FI	100	32	110	Plain bore	125	70	13	36
LER-TPA 102K-FK	LER-TPA 102K-FI-FK	100	32	110	Ball bearing (C)	125	70	13	36
LER-TPA 127G	LER-TPA 127G-FI	125	32	125	Plain bore	150	70	13	40
LER-TPA 127K-FK	LER-TPA 127K-FI-FK	125	32	125	Ball bearing (C)	150	70	13	40
LER-TPA 160G	LER-TPA 160G-FI	160	40	200	Plain bore	195	88	13	54
LER-TPA 160R	LER-TPA 160R-FI	160	40	200	Roller bearing	195	88	13	54
LER-TPA 160K	LER-TPA 160K-FI	160	40	200	Ball bearing (C)	195	88	13	54
LER-TPA 200G	LER-TPA 200G-FI	200	40	250	Plain bore	235	88	13	54
LER-TPA 200R	LER-TPA 200R-FI	200	40	250	Roller bearing	235	88	13	54
LER-TPA 200K	LER-TPA 200K-FI	200	40	250	Ball bearing (C)	235	88	13	54

For stainless steel versions refer to page 354

### Options



	Image plain bore version	Electrically conductive version, non-marking grey *	With synthetic foot guard	Wheel with additional ball bearing seals
Technical description page		36, 38	84	61
Product code suffix		-ELS	-FP	-KD
Available for		all plain bore and ball bearing versions	wheel Ø 125 mm upon request	all ball bearing versions

\* Load capacity is reduced by 35 %

Series: VGA

## Wheels with solid rubber tyres, with polypropylene rim

90 - 100 kg

RoHS



3

<b>Tread &amp; tyre hardness</b>	80° shore A
<b>Temperature resistance</b>	-20° C - +60° C
<b>Rolling resistance</b>	good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### VGA-wheel series:

**Tyres:** Made of high-quality solid rubber, 80° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour dark grey, non-marking, non-staining.

(Material description page 38)

**Rims:** Made of high-quality, impact-resistant polypropylene, injection-moulded rims, colour silver grey.

#### Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected polypropylene, with integrated synthetic thread guard, lubricated with long-life grease.

#### Other features:

High chemical resistance to many aggressive substances, except oils (table page 36-37).  
Operating temperature: -20° C to +60° C.  
At ambient temperatures above +30° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 42**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VGA 102/12G	100	32	90	Plain bore	12	45
VGA 102/8K-FK	100	32	90	Ball bearing (C)	8	46
VGA 127/12G	125	32	100	Plain bore	12	45
VGA 127/8K-FK	125	32	100	Ball bearing (C)	8	46

### Options

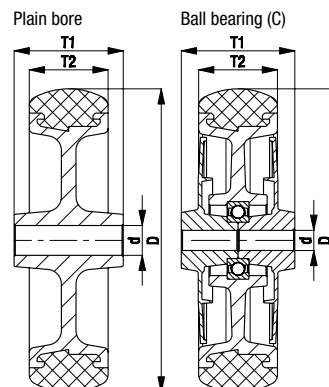


Image plain bore version

Technical description page

Product code suffix

Available for



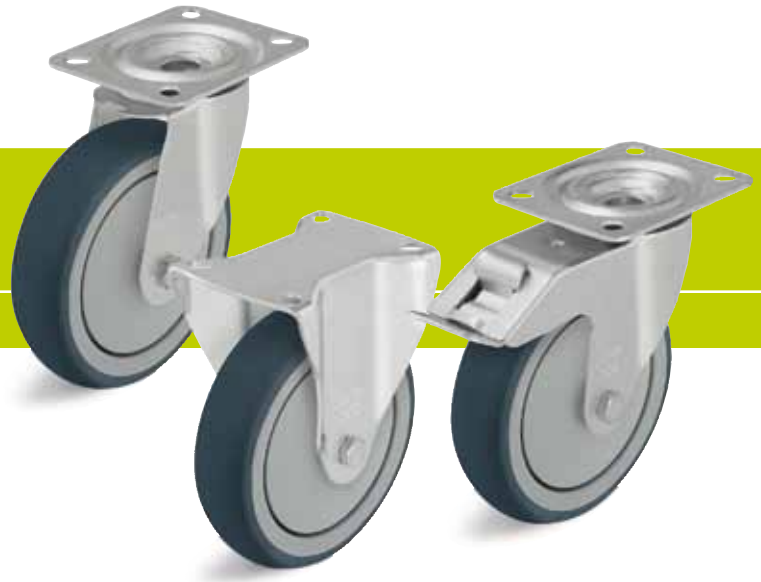


Series: LE-VGA, B-VGA

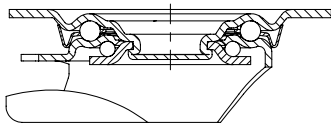
**Pressed steel castors with top plate fitting, wheel with solid rubber tyre**

90 - 100 kg

RoHS



3



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 64 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VGA series - Tyres: Made of high-quality solid rubber, 80° shore A, dark grey, non-marking, non-staining. Rims: Made of high-quality, impact-resistant polypropylene, injection-moulded rims, silver grey. Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard. Detailed description: Page 148 and 42

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-VGA 102G	B-VGA 102G	LE-VGA 102G-FI	100	32	90	Plain bore	125	100 x 85	80 x 60	9	36
LE-VGA 102K-FK	B-VGA 102K-FK	LE-VGA 102K-FI-FK	100	32	90	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-VGA 127G	B-VGA 127G	LE-VGA 127G-FI	125	32	100	Plain bore	150	100 x 85	80 x 60	9	40
LE-VGA 127K-FK	B-VGA 127K-FK	LE-VGA 127K-FI-FK	125	32	100	Ball bearing (C)	150	100 x 85	80 x 60	9	40

**Options**



Image plain bore version	With synthetic foot guard
Technical description page	84
Product code suffix	-FP
Available for	wheel Ø 125 mm upon request

Series: LER-VGA

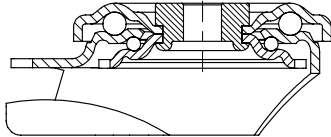
**Pressed steel castors with bolt hole fitting, wheel with solid rubber tyre**

90 - 100 kg

RoHS



3



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VGA series - Tyres: Made of high-quality solid rubber, 80° shore A, dark grey, non-marking, non-staining. Rims: Made of high-quality, impact-resistant polypropylene, injection-moulded rims, silver grey. Bearing types: Plain bore or a centrally encapsulated ball bearing (C). Ball bearing (C) with synthetic thread guard as standard. Detailed description: Page 148 and 42

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LER-VGA 102G	LER-VGA 102G-FI	100	32	90	Plain bore	125	70	13	36
LER-VGA 102K-FK	LER-VGA 102K-FI-FK	100	32	90	Ball bearing (C)	125	70	13	36
LER-VGA 127G	LER-VGA 127G-FI	125	32	100	Plain bore	150	70	13	40
LER-VGA 127K-FK	LER-VGA 127K-FI-FK	125	32	100	Ball bearing (C)	150	70	13	40

**Options**



	Image plain bore version	With synthetic foot guard
Technical description page		84
Product code suffix		-FP
Available for		wheel Ø 125 mm upon request











## Wheels and castors with soft rubber tyres and two-component solid rubber tyres

4



## Table of Contents

	<b>VW</b>		<b>L</b>	<b>LK</b>
				
	Series VW Wheel Ø 125 - 260 mm Load capacity 50 - 200 kg	Series L-VW Wheel Ø 125 - 260 mm Load capacity 50 - 200 kg		
	<b>Page 154</b>	<b>Page 155</b>		
	<b>VWPP</b>			
	Series VWPP Wheel Ø 125 - 260 mm Load capacity 50 - 200 kg	Series L-VWPP Wheel Ø 125 - 260 mm Load capacity 50 - 200 kg		
	<b>Page 156</b>	<b>Page 157</b>		
	<b>RD</b>			
	Series RD Wheel Ø 100 - 280 mm Load capacity 100 - 650 kg	Series L-RD Wheel Ø 100 - 280 mm Load capacity 100 - 600 kg	Series LK-RD Wheel Ø 100 - 200 mm Load capacity 100 - 350 kg	
	<b>Page 158</b>	<b>Page 159</b>	<b>Page 160</b>	



Series: VW

## Wheels with 'Blickle Soft' soft rubber tyres, with pressed steel rim

50 - 200 kg

RoHS



4

<b>Tread &amp; tyre hardness</b>	50° shore A
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	good
<b>Operating noise</b>	excellent
<b>Floor surface preservation</b>	excellent

**Blickle Soft**

### VW-wheel series:

**Tyres:** Made of 'Blickle Soft' highly elastic soft rubber, round profile, 50° shore A hardness (wheel Ø 260 mm additionally with a hard rubber core), highest operational comfort, exceptionally low-noise operation, excellent floor preservation, colour black.

(Material description page 38)

**Rims:** Made of pressed steel, with tubular steel hub, bolted or pressed.

**This special Blickle rim design is extremely strong, even under extreme shock and impact loads. Smooth and elegant design ('Die gute Industrieform' design award).**

Zinc-plated, blue-passivated, Cr6-free.

### Bearing types:

- Roller bearing, lubricated with long-life grease
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -25° C to +80° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 44**

**Puncture-free option for pneumatic tyres.**

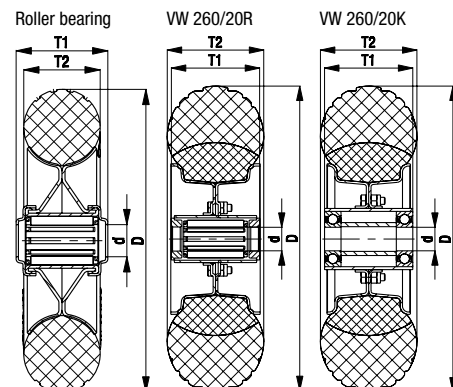
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VW 125/15R	125	37.5	50	Roller bearing	15	45
VW 162/20R	160	40	70	Roller bearing	20	60
VW 202/20R	200	50	100	Roller bearing	20	60
VW 252/25R	250	60	160	Roller bearing	25	65
VW 260/20R *	260	85	200	Roller bearing	20	75
VW 260/20K *	260	85	200	Ball bearing	20	75

\* Bolted version

### Options



Image	VW 260/20K	With non-marking grey tyre
Technical description page		38
Product code suffix		-SG
Available for		Ø 125-200 mm, others upon request



Series: L-VW, B-VW, BH-VW

**Pressed steel castors, medium duty brackets, with top plate fitting, wheel with 'Blickle Soft' soft rubber tyres**

50 - 200 kg

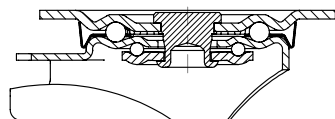
RoHS



**Blickle Soft**

**Brackets:** L/B/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160-260 mm), swivel head seals (exception: plate size 175x175 mm). The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 65  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VW series - Tyres: Made of 'Blickle Soft' soft rubber, 50° shore A (wheel Ø 260 mm additionally with a hard rubber core), highest operational comfort, exceptionally low-noise operation, excellent floor preservation, black.  
**Rims:** Made of pressed steel, with tubular steel hub. **This special Blickle rim design is extremely strong, even under extreme shock and impact loads. Smooth and elegant design ('Die gute Industrieform' design award).**  
Zinc-plated, blue-passivated, Cr6-free.  
Bearing types: Roller bearing or two pressed-in ball bearings.  
Detailed description: Page 154 and 44



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-VW 125R	B-VW 125R	L-VW 125R-FI	125	37.5	50	Roller bearing	150	100 x 85	80 x 60	9	40
L-VW 162R	B-VW 162R	L-VW 162R-FI	160	40	70	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-VW 202R	B-VW 202R	L-VW 202R-FI	200	50	100	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-VW 252R-3	BH-VW 252R	*	250	60	160	Roller bearing	295	140 x 110	105 x 75-80	11	77
L-VW 260R		*	260	85	200	Roller bearing	308	175 x 175	140 x 140	15	78
	B-VW 260R		260	85	200	Roller bearing	308	220 x 120	190 x 75	15	
L-VW 260K		*	260	85	200	Ball bearing	308	175 x 175	140 x 140	15	78
	B-VW 260K		260	85	200	Ball bearing	308	220 x 120	190 x 75	15	

\* For the 'stop-top' brake version refer to 'Options'

**Options**



	With non-marking grey tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° **	Directional lock (retro fit) 1 x 360° **	With synthetic foot guard
Technical description page	38	84	80	83	83	84
Product code suffix	-SG	-FA	-ST	RI-03.01	RI-05.03	-FP
Available for	Ø 125-200 mm, others upon request	wheel Ø 125-250 mm	all sizes	wheel Ø 125 mm	wheel Ø 160-200 mm	wheel Ø 125 mm upon request

\*\* Only for swivel castors without brake

Series: VWPP

## Wheels with 'Blickle Soft' soft rubber tyres, with synthetic rim

50 - 200 kg

RoHS



4

<b>Tread &amp; tyre hardness</b>	50° shore A
<b>Temperature resistance</b>	-20° C - +60° C
<b>Rolling resistance</b>	good
<b>Operating noise</b>	excellent
<b>Floor surface preservation</b>	excellent

**Blickle Soft**

### VWPP-wheel series:

**Tyres:** Made of 'Blickle Soft' highly elastic soft rubber, round profile, 50° shore A hardness (wheel Ø 260 mm additionally with a hard rubber core), highest operational comfort, exceptionally low-noise operation, excellent floor preservation, colour black.  
(Material description page 38)

**Rims:** Made of high-quality, impact-resistant polypropylene, colour black.

### Bearing types:

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances, except oils (table page 36-37).  
Operating temperature: -20° C to +60° C.  
At ambient temperatures above +30° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 44**

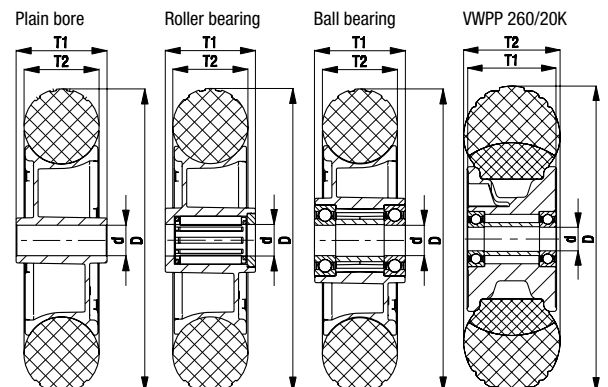
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VWPP 125/12G	125	37.5	50	Plain bore	12	45
VWPP 125/12R	125	37.5	50	Roller bearing	12	45
VWPP 160/20G	160	40	70	Plain bore	20	60
VWPP 160/20R	160	40	70	Roller bearing	20	60
VWPP 200/20G	200	50	100	Plain bore	20	60
VWPP 200/20R	200	50	100	Roller bearing	20	60
VWPP 200/20K	200	50	100	Ball bearing	20	60
VWPP 250/25G	250	60	160	Plain bore	25	65
VWPP 250/25R	250	60	160	Roller bearing	25	65
VWPP 250/25K	250	60	160	Ball bearing	25	65
VWPP 260/20G	260	85	200	Plain bore	20	75
VWPP 260/20R	260	85	200	Roller bearing	20	75
VWPP 260/20K	260	85	200	Ball bearing	20	75

**Puncture-free option for pneumatic tyres.**

### Options



Image			
Image	VWPP 260/20K	With non-marking grey tyre	With stainless steel roller bearing in the wheel hub
Technical description page		38	60
Product code suffix		-SG	-XR
Available for		Ø 125-200 mm, others upon request	upon request



Series: L-VWPP, B-VWPP, BH-VWPP

**Pressed steel castors, medium duty brackets, with top plate fitting, wheel with 'Blickle Soft' soft rubber tyres**

50 - 200 kg

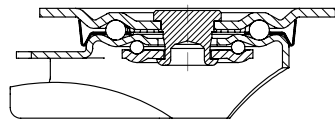
RoHS



**Blickle Soft**

**Brackets:** L/B/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160-260 mm), swivel head seals (exception: plate size 175x175 mm). The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 65  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VWPP series - **Tyres:** Made of 'Blickle Soft' soft rubber, 50° shore A (wheel Ø 260 mm additionally with a hard rubber core), highest operational comfort, exceptionally low-noise operation, excellent floor preservation, black.  
**Rims:** Made of high-quality, impact-resistant polypropylene, black.  
**Bearing types:** Plain bore, roller bearing or two pressed-in ball bearings.  
Detailed description: Page 156 and 44



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-VWPP 125G	B-VWPP 125G	L-VWPP 125G-FI	125	37.5	50	Plain bore	150	100 x 85	80 x 60	9	40
L-VWPP 125R	B-VWPP 125R	L-VWPP 125R-FI	125	37.5	50	Roller bearing	150	100 x 85	80 x 60	9	40
L-VWPP 160G	B-VWPP 160G	L-VWPP 160G-FI	160	40	70	Plain bore	195	140 x 110	105 x 75-80	11	60
L-VWPP 160R	B-VWPP 160R	L-VWPP 160R-FI	160	40	70	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-VWPP 200G	B-VWPP 200G	L-VWPP 200G-FI	200	50	100	Plain bore	235	140 x 110	105 x 75-80	11	65
L-VWPP 200R	B-VWPP 200R	L-VWPP 200R-FI	200	50	100	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-VWPP 200K	B-VWPP 200K	L-VWPP 200K-FI	200	50	100	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-VWPP 250G-3	BH-VWPP 250G	*	250	60	160	Plain bore	295	140 x 110	105 x 75-80	11	77
L-VWPP 250R-3	BH-VWPP 250R	*	250	60	160	Roller bearing	295	140 x 110	105 x 75-80	11	77
L-VWPP 250K-3	BH-VWPP 250K	*	250	60	160	Ball bearing	295	140 x 110	105 x 75-80	11	77
L-VWPP 260G		*	260	85	200	Plain bore	308	175 x 175	140 x 140	15	78
	B-VWPP 260G		260	85	200	Plain bore	308	220 x 120	190 x 75	15	
L-VWPP 260R		*	260	85	200	Roller bearing	308	175 x 175	140 x 140	15	78
	B-VWPP 260R		260	85	200	Roller bearing	308	220 x 120	190 x 75	15	
L-VWPP 260K		*	260	85	200	Ball bearing	308	175 x 175	140 x 140	15	78
	B-VWPP 260K		260	85	200	Ball bearing	308	220 x 120	190 x 75	15	

\* For the 'stop-top' brake version refer to 'Options'

**Options**



	With non-marking grey tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° **	Directional lock (retro fit) 1 x 360° **	With synthetic foot guard	With stainless steel roller bearing in the wheel hub
Technical description page	38	84	80	83	83	84	60
Product code suffix	-SG	-FA	-ST	RI-03.01	RI-05.03	-FP	-XR
Available for	Ø 125-200 mm, others upon request	wheel Ø 125-200 mm	all sizes	wheel Ø 125 mm	wheel Ø 160-200 mm	wheel Ø 125 mm upon request	upon request

\*\* Only for swivel castors without brake

Series: RD

## Wheels with 'Blickle Comfort' two-component solid rubber tyres, with pressed steel rim

100 - 650 kg

RoHS



4

<b>Tread &amp; tyre hardness</b>		65° shore A
<b>Temperature resistance</b>		-25° C - +80° C
<b>Rolling resistance</b>		good
<b>Operating noise</b>		very good
<b>Floor surface preservation</b>		very good

**Blickle Comfort**

### RD-wheel series:

**Tyres:** Made of 'Blickle Comfort' two-component solid rubber, hard rubber core and highly elastic tread, 65° shore A hardness, very high operational comfort, low-noise operation, compared to standard solid rubber the operational comfort and the load capacity is increased whereas the rolling resistance is reduced, very good floor preservation, colour black.

(Material description page 38)

**Rims:** Made of pressed steel, with tubular steel hub, bolted or pressed.

**This special Blickle rim design is extremely strong, even under extreme shock and impact loads. Smooth and elegant design ('Die gute Industrieform' design award).**

Zinc-plated, blue-passivated, Cr6-free.

### Bearing types:

- Roller bearing, lubricated with long-life grease
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -25° C to +80° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 44**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
<b>RD 100/15R</b>	100	30	100	Roller bearing	15	45
<b>RD 125/15R</b>	125	37.5	120	Roller bearing	15	45
<b>RD 140/15R</b>	140	37.5	175	Roller bearing	15	45
<b>RD 162/20R</b>	160	40	225	Roller bearing	20	60
<b>RD 182/20R</b>	180	50	300	Roller bearing	20	60
<b>RD 202/20R</b>	200	50	350	Roller bearing	20	60
<b>RD 200/20K *</b>	200	50	350	Ball bearing	20	60
<b>RD 252/25R</b>	250	60	450	Roller bearing	25	65
<b>RD 250/25K *</b>	250	60	450	Ball bearing	25	65
<b>RD 282/25R</b>	280	70	650	Roller bearing	25	75
<b>RD 280/25K *</b>	280	70	650	Ball bearing	25	75

\* Bolted version

### Options



With non-marking grey tyre, 56° shore A

Technical description page

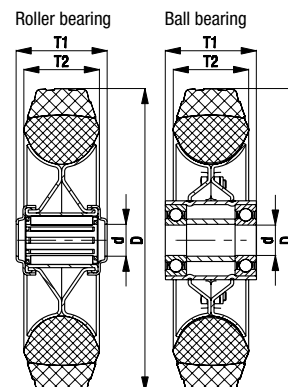
38

Product code suffix

-VLI

Available for

wheel Ø 100-250 mm





Series: L-RD, B-RD, BH-RD

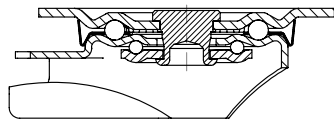
**Pressed steel castors, medium duty brackets, with top plate fitting, with 'Blickle Comfort' two-component solid rubber tyre**

100 - 600 kg

RoHS



**Blickle Comfort**



**Brackets:** L/B/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160-280 mm), swivel head seals (exception: plate size 175x175 mm). The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 65  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** RD series - Tyres: Made of 'Blickle Comfort' two-component solid rubber, hard rubber core and highly elastic tread, 65° shore A, black.  
Rims: Made of pressed steel, with tubular steel hub.  
**This special Blickle rim design is extremely strong, even under extreme shock and impact loads.**  
**Smooth and elegant design ('Die gute Industrieform' design award).**  
Zinc-plated, blue-passivated, Cr6-free.  
Bearing types: Roller bearing or two pressed-in ball bearings.  
Detailed description: Page 158 and 44



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-RD 100R	B-RD 100R	L-RD 100R-FI	100	30	100	Roller bearing	125	100 x 85	80 x 60	9	36
L-RD 125R	B-RD 125R	L-RD 125R-FI	125	37.5	120	Roller bearing	150	100 x 85	80 x 60	9	40
L-RD 140R	B-RD 140R	L-RD 140R-FI	140	37.5	175	Roller bearing	170	140 x 110	105 x 75-80	11	50
L-RD 162R	B-RD 162R	L-RD 162R-FI	160	40	225	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-RD 182R	B-RD 182R	L-RD 182R-FI	180	50	300	Roller bearing	215	140 x 110	105 x 75-80	11	60
L-RD 202R	B-RD 202R	L-RD 202R-FI	200	50	350	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-RD 200K	B-RD 200K	L-RD 200K-FI	200	50	350	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-RD 252R-3	BH-RD 252R	*	250	60	450	Roller bearing	295	140 x 110	105 x 75-80	11	77
L-RD 252R		*	250	60	450	Roller bearing	295	175 x 175	140 x 140	15	70
	B-RD 252R		250	60	450	Roller bearing	295	220 x 120	190 x 75	15	
L-RD 250K		*	250	60	450	Ball bearing	295	175 x 175	140 x 140	15	70
	B-RD 250K		250	60	450	Ball bearing	295	220 x 120	190 x 75	15	
L-RD 282R		*	280	70	600	Roller bearing	318	175 x 175	140 x 140	15	78
	B-RD 282R		280	70	600	Roller bearing	318	220 x 120	190 x 75	15	
L-RD 280K		*	280	70	600	Ball bearing	318	175 x 175	140 x 140	15	78
	B-RD 280K		280	70	600	Ball bearing	318	220 x 120	190 x 75	15	

\* For the 'stop-top' brake version refer to 'Options'



Options	With non-marking grey tyre, 56° shore A	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro fit) 1 x 360° **	Directional lock (retro fit) 1 x 360° **	With synthetic (-FP) or steel (-FS) foot guard
Technical description page	38	84	80	81	83	83	84
Product code suffix	-VLI	-FA	-ST	-CS11	RI-03.01	RI-05.03	-FP / -FS
Available for	wheel Ø 100-250 mm	wheel Ø 100-250 mm	all sizes	wheel Ø 160+200 mm	wheel Ø 100-125 mm	wheel Ø 160-200 mm	upon request

\*\* Only for swivel castors without brake

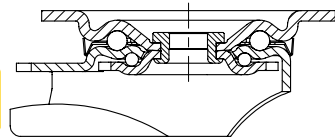
Series: LK-RD, BK-RD, BH-RD

**Pressed steel castors, medium heavy duty brackets, top plate fitting, 'Blickle Comfort' two-component solid rubber tyre**

100 - 350 kg RoHS



**Blickle Comfort**



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**Brackets:** LK/BK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160-200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** RD series - Tyres: Made of 'Blickle Comfort' two-component solid rubber, hard rubber core and highly elastic tread, 65° shore A, black. Rims: Made of pressed steel, with tubular steel hub. **This special Blickle rim design is extremely strong, even under extreme shock and impact loads. Smooth and elegant design ('Die gute Industrieform' design award).** Zinc-plated, blue-passivated, Cr6-free. Bearing types: Roller bearing or two pressed-in ball bearings. Detailed description: Page 158 and 44



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-RD 100R-1	BK-RD 100R-1	LK-RD 100R-1-FI	100	30	100	Roller bearing	130	100 x 85	80 x 60	9	45
LK-RD 100R-3	BK-RD 100R-3	LK-RD 100R-3-FI	100	30	100	Roller bearing	130	140 x 110	105 x 75-80	11	45
LK-RD 125R-1	BK-RD 125R-1	LK-RD 125R-1-FI	125	37.5	120	Roller bearing	155	100 x 85	80 x 60	9	48
LK-RD 125R-3	BK-RD 125R-3	LK-RD 125R-3-FI	125	37.5	120	Roller bearing	155	140 x 110	105 x 75-80	11	48
LK-RD 162R	BH-RD 162R	LK-RD 162R-FI	160	40	225	Roller bearing	202	140 x 110	105 x 75-80	11	63
LK-RD 202R	BH-RD 202R	LK-RD 202R-FI	200	50	350	Roller bearing	245	140 x 110	105 x 75-80	11	65
LK-RD 200K	BH-RD 200K	LK-RD 200K-FI	200	50	350	Ball bearing	245	140 x 110	105 x 75-80	11	65

**Options**



	With non-marking grey tyre, 56° shore A	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro-fit) 1 x 360°	With steel foot guard
Technical description page	38	84	80	81	83	84
Product code suffix	-VLI	-FA	-ST	-CS11	refer to *	-FS
Available for	all sizes	all sizes	all sizes	wheel Ø 100-125 mm	for wheel Ø and plate dimensions refer to *	wheel Ø 160-200 mm upon request

\* RI-05.01 for wheel Ø 100 - 125 mm with plate 100x85 mm, RI-03.03 for wheel Ø 100 - 125 mm with plate 140x110 mm, RI-05.03 for wheel Ø 160 - 200 mm (only for swivel castors without brake)
















## Heavy duty wheels and castors with elastic solid rubber tyres

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	<b>POEV</b> Series POEV Wheel Ø 80 - 300 mm Load capacity 140 - 650 kg <b>Page 164</b>									
		LE-POEV 80 - 200 mm 140 - 300 kg	L-POEV 80 - 250 mm 140 - 500 kg	LK-/LKR-POEV 80 - 200 mm 170 - 500 kg	LU-POEV 160 - 200 mm 400 - 500 kg	LH-POEV 80 - 250 mm 170 - 600 kg				
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	<b>ALEV</b> Series ALEV Wheel Ø 100 - 250 mm Load capacity 200 - 650 kg <b>Page 171</b>									
			L-ALEV 100 - 250 mm 200 - 500 kg	LK-/LKR-ALEV 100 - 200 mm 200 - 500 kg	LU-ALEV 125 - 200 mm 270 - 500 kg	LH-ALEV 100 - 250 mm 200 - 650 kg	LHZ-ALEV 125 - 200 mm 270 - 500 kg	LO-ALEV 125 - 250 mm 270 - 650 kg	LHD-ALEV 100 - 125 mm 400 - 500 kg	
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	<b>SE</b> Series SE Wheel Ø 80 - 415 mm Load capacity 200 - 1150 kg <b>Page 180</b>									
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										<b>188</b>
	<b>DS</b> Series DS Wheel Ø 300 - 620 mm Load capacity 1500 - 6000 kg <b>Page 189</b>									



Series: POEV

## Heavy duty wheels with elastic solid rubber tyres 'Blickle EasyRoll', with nylon wheel centre

140 - 650 kg

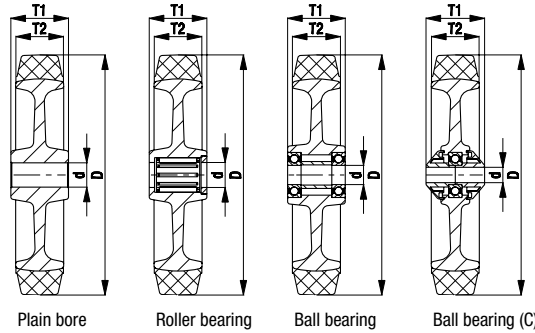
✓RoHS



**Blickle**  
EasyRoll

5

<b>Tread &amp; tyre hardness</b>	65° shore A
<b>Temperature resistance</b>	-25° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good



**POEV-wheel series:**  
**Tyres:** Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A hardness, very high operational comfort, low-noise operation, low rolling resistance, very good floor preservation, colour black, vulcanised onto the wheel centre. (Material description page 38)  
**Wheel centre:** Made of high-quality, impact-resistant nylon, colour black.  
**Bearing types:**  
 • Plain bore, corrosion-resistant  
 • Roller bearing, lubricated with long-life grease  
 • Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.  
 • Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected nylon, lubricated with long-life grease.  
**Other features:**  
 High chemical resistance to many aggressive substances, except oils (table page 36-37).  
 Operating temperature: -25° C to +80° C, temporarily up to +100° C.  
 At ambient temperatures above +35° C the load capacity is reduced.  
 Maintenance-free under standard conditions.  
**Wheel series overview page 44**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POEV 80/12G	80	32	140	Plain bore	12	35
POEV 80/12R	80	32	140	Roller bearing	12	35
POEV 80/8K	80	32	140	Ball bearing (C)	8	36
POEV 82/8K	80	40	170	Ball bearing (C)	8	46
POEV 82/10K	80	40	170	Ball bearing (C)	10	46
POEV 100/12G	100	38	200	Plain bore	12	45
POEV 100/12R	100	38	200	Roller bearing	12	45
POEV 100/15R	100	38	200	Roller bearing	15	45
POEV 100/8K	100	38	200	Ball bearing (C)	8	46
POEV 100/10K	100	38	200	Ball bearing (C)	10	46
POEV 100/15K	100	38	200	Ball bearing	15	45
POEV 125/12G	125	40	250	Plain bore	12	45
POEV 125/12R	125	40	250	Roller bearing	12	45
POEV 125/15R	125	40	250	Roller bearing	15	45
POEV 125/8K	125	40	250	Ball bearing (C)	8	46
POEV 125/10K	125	40	250	Ball bearing (C)	10	46
POEV 125/15K	125	40	250	Ball bearing	15	45
POEV 125/20K	125	40	250	Ball bearing	20	45
POEV 161/20R	160	40	320	Roller bearing	20	60
POEV 161/20K	160	40	320	Ball bearing (C)	20	60
POEV 160/20R	160	50	400	Roller bearing	20	60
POEV 160/20K	160	50	400	Ball bearing	20	60
POEV 201/20R	200	40	400	Roller bearing	20	60
POEV 201/20K	200	40	400	Ball bearing (C)	20	60
POEV 200/20R	200	50	500	Roller bearing	20	60
POEV 200/20K	200	50	500	Ball bearing	20	60
POEV 200/25K	200	50	500	Ball bearing	25	60
POEV 250/25R	250	50	600	Roller bearing	25	60
POEV 250/20K	250	50	600	Ball bearing	20	60
POEV 250/25K	250	50	600	Ball bearing	25	60
POEV 300/30K	300	60	650	Ball bearing	30	70

### Options



	With non-marking grey tyre	With non-marking blue tyre	Electrically conductive version, black tyre	With stainless steel roller bearing in the wheel hub	With stainless steel ball bearing in the wheel hub	Wheel with additional ball bearing seals **	With stainless steel ball bearing and synthetic cover **
Technical description page	38	38	36, 38	60	61	61	61
Product code suffix	-SG	-SB	-EL	-XR	-XK	-KD	-XKA
Available for	Ø 80-200 all sizes, Ø 250 ball bearings	refer to *	ball bearing versions upon request	all sizes	Ø 160x50, 200x50, others upon request	all ball bearings (C), Ø 160x50 + 200x50	Ø 160x50, 200x50

\* Available for wheel Ø 80x32, 100, 125, 160x50, 200x50, 250 mm (ball bearing versions)

\*\* With wheel Ø 160x50 + 200x50 mm, the axle bore Ø is reduced to 12 mm and the hub length is increased to 62 mm

Series: LE-POEV, B-POEV

## Pressed steel castors with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

140 - 300 kg

RoHS

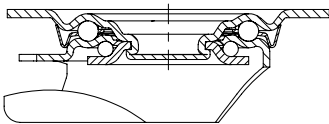


**Blickle EasyRoll**

**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 64 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of high-quality, impact-resistant nylon, black. Bearing types: Plain bore, roller bearing, two pressed-in ball bearings or a centrally encapsulated ball bearing (C). Detailed description: Page 164 and 44

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Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-POEV 80G	B-POEV 80G	LE-POEV 80G-FI	80	32	140	Plain bore	102	100 x 85	80 x 60	9	38
LE-POEV 80R	B-POEV 80R	LE-POEV 80R-FI	80	32	140	Roller bearing	102	100 x 85	80 x 60	9	38
LE-POEV 80K	B-POEV 80K	LE-POEV 80K-FI	80	32	140	Ball bearing (C)	102	100 x 85	80 x 60	9	38
LE-POEV 100G	B-POEV 100G	LE-POEV 100G-FI	100	38	150	Plain bore	125	100 x 85	80 x 60	9	36
LE-POEV 100R	B-POEV 100R	LE-POEV 100R-FI	100	38	150	Roller bearing	125	100 x 85	80 x 60	9	36
LE-POEV 100K	B-POEV 100K	LE-POEV 100K-FI	100	38	150	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-POEV 125G	B-POEV 125G	LE-POEV 125G-FI	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LE-POEV 125R	B-POEV 125R	LE-POEV 125R-FI	125	40	150	Roller bearing	150	100 x 85	80 x 60	9	40
LE-POEV 125K	B-POEV 125K	LE-POEV 125K-FI	125	40	150	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LE-POEV 161R	B-POEV 161R	LE-POEV 161R-FI	160	40	300	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-POEV 161K	B-POEV 161K	LE-POEV 161K-FI	160	40	300	Ball bearing (C)	195	140 x 110	105 x 75-80	11	54
LE-POEV 160R	B-POEV 160R	LE-POEV 160R-FI	160	50	300	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-POEV 160K	B-POEV 160K	LE-POEV 160K-FI	160	50	300	Ball bearing	195	140 x 110	105 x 75-80	11	54
LE-POEV 201R	B-POEV 201R	LE-POEV 201R-FI	200	40	300	Roller bearing	235	140 x 110	105 x 75-80	11	54
LE-POEV 201K	B-POEV 201K	LE-POEV 201K-FI	200	40	300	Ball bearing (C)	235	140 x 110	105 x 75-80	11	54
LE-POEV 200R	B-POEV 200R	LE-POEV 200R-FI	200	50	300	Roller bearing	235	140 x 110	105 x 75-80	11	54
LE-POEV 200K	B-POEV 200K	LE-POEV 200K-FI	200	50	300	Ball bearing	235	140 x 110	105 x 75-80	11	54

For stainless steel versions refer to page 358

### Options \*



	With non-marking grey tyre	With non-marking blue tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	With synthetic (-FP) or steel (-FS) foot guard
Technical description page	38	38	36, 38	84	80	81	84
Product code suffix	-SG	-SB	-EL	-FA	-ST	-CS11	-FP / -FS
Available for	all sizes	wheel Ø 80-125, 160x50, 200x50 mm	ball bearing versions upon request	all sizes except wheel Ø 160x40 + 200x40	wheel Ø 160-200 mm	wheel Ø 160-200 mm	upon request

#### \* Additional options:

1. Directional lock (retro fit) 1 x 360°: **RI-03.01** available for wheel Ø 100-125 mm, **RI-03.03** available for wheel Ø 160-200 mm (technical description page 83)
2. Stainless steel axle tube (-XA), available for plain bore versions upon request (technical description page 85)
3. Stainless steel bearing or ball bearing seals: Refer to 'Options' on page 164

Series: L-POEV, B-POEV, BH-POEV

**Pressed steel castors, medium duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

140 - 500 kg

RoHS

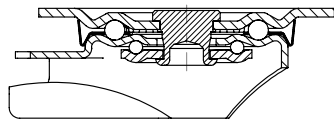


**Blickle EasyRoll**

**Brackets:** L/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160-250 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 65  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
Wheel centre: Made of high-quality, impact-resistant nylon, black.  
Bearing types: Plain bore, roller bearing, two pressed-in ball bearings or a centrally encapsulated ball bearing (C).  
Detailed description: Page 164 and 44

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Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-POEV 80G	B-POEV 80G	L-POEV 80G-FI	80	32	140	Plain bore	102	100 x 85	80 x 60	9	38
L-POEV 80R	B-POEV 80R	L-POEV 80R-FI	80	32	140	Roller bearing	102	100 x 85	80 x 60	9	38
L-POEV 80K	B-POEV 80K	L-POEV 80K-FI	80	32	140	Ball bearing (C)	102	100 x 85	80 x 60	9	38
L-POEV 100G	B-POEV 100G	L-POEV 100G-FI	100	38	200	Plain bore	125	100 x 85	80 x 60	9	36
L-POEV 100R	B-POEV 100R	L-POEV 100R-FI	100	38	200	Roller bearing	125	100 x 85	80 x 60	9	36
L-POEV 100K	B-POEV 100K	L-POEV 100K-FI	100	38	200	Ball bearing (C)	125	100 x 85	80 x 60	9	36
L-POEV 125G	B-POEV 125G	L-POEV 125G-FI	125	40	200	Plain bore	150	100 x 85	80 x 60	9	40
L-POEV 125R	B-POEV 125R	L-POEV 125R-FI	125	40	200	Roller bearing	150	100 x 85	80 x 60	9	40
L-POEV 125K	B-POEV 125K	L-POEV 125K-FI	125	40	200	Ball bearing (C)	150	100 x 85	80 x 60	9	40
L-POEV 161R	B-POEV 161R	L-POEV 161R-FI	160	40	320	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-POEV 161K	B-POEV 161K	L-POEV 161K-FI	160	40	320	Ball bearing (C)	195	140 x 110	105 x 75-80	11	60
L-POEV 160R	B-POEV 160R	L-POEV 160R-FI	160	50	400	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-POEV 160K	B-POEV 160K	L-POEV 160K-FI	160	50	400	Ball bearing	195	140 x 110	105 x 75-80	11	60
L-POEV 201R	B-POEV 201R	L-POEV 201R-FI	200	40	400	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-POEV 201K	B-POEV 201K	L-POEV 201K-FI	200	40	400	Ball bearing (C)	235	140 x 110	105 x 75-80	11	65
L-POEV 200R	B-POEV 200R	L-POEV 200R-FI	200	50	400	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-POEV 200K	B-POEV 200K	L-POEV 200K-FI	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-POEV 250R-3	BH-POEV 250R	*	250	50	500	Roller bearing	295	140 x 110	105 x 75-80	11	77
L-POEV 250K-3	BH-POEV 250K	*	250	50	500	Ball bearing	295	140 x 110	105 x 75-80	11	77

\* For the 'stop-top' brake version refer to 'Options'  
For stainless steel versions refer to page 360

**Options \*\***



	With non-marking grey tyre	With non-marking blue tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	With synthetic (-FP) or steel (-FS) foot guard
Technical description page	38	38	36, 38	84	80	81	84
Product code suffix	-SG	-SB	-EL	-FA	-ST	-CS11	-FP / -FS
Available for	Ø 80-200 all sizes, Ø 250 ball bearings	wheel Ø 80-125, 160x50, 200x50 mm	ball bearing versions upon request	all sizes except wheel Ø 160x40 + 200x40	all sizes	wheel Ø 160-200 mm	upon request

\*\* Additional options:  
 1. Directional lock (retro fit) 1 x 360°: **RI-03.01** available for wheel Ø 100-125 mm, **RI-05.03** available for wheel Ø 160-200 mm (technical description page 83)  
 2. Stainless steel axle tube (-XA), available for plain bore versions upon request (technical description page 85)  
 3. Stainless steel bearing or ball bearing seals: Refer to 'Options' on page 164

Series: LK-POEV, BK-POEV, BH-POEV

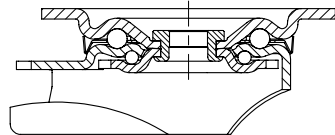
**Pressed steel castors, medium heavy duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

170 - 500 kg

RoHS



**Blickle EasyRoll**



**Brackets:** LK/BK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160-200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of high-quality, impact-resistant nylon, black. Bearing types: Roller bearing, two pressed-in ball bearings or a centrally encapsulated ball bearing (C). Detailed description: Page 164 and 44

5



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-POEV 82K	BK-POEV 82K	LK-POEV 82K-FI	80	40	170	Ball bearing (C)	110	100 x 85	80 x 60	9	40
LK-POEV 100R-1	BK-POEV 100R-1	LK-POEV 100R-1-FI	100	38	200	Roller bearing	130	100 x 85	80 x 60	9	45
LK-POEV 100K-1	BK-POEV 100K-1	LK-POEV 100K-1-FI	100	38	200	Ball bearing (C)	130	100 x 85	80 x 60	9	45
LK-POEV 100R-3	BK-POEV 100R-3	LK-POEV 100R-3-FI	100	38	200	Roller bearing	130	140 x 110	105 x 75-80	11	45
LK-POEV 100K-3	BK-POEV 100K-3	LK-POEV 100K-3-FI	100	38	200	Ball bearing (C)	130	140 x 110	105 x 75-80	11	45
LK-POEV 125R-1	BK-POEV 125R-1	LK-POEV 125R-1-FI	125	40	250	Roller bearing	155	100 x 85	80 x 60	9	48
LK-POEV 125K-1	BK-POEV 125K-1	LK-POEV 125K-1-FI	125	40	250	Ball bearing (C)	155	100 x 85	80 x 60	9	48
LK-POEV 125R-3	BK-POEV 125R-3	LK-POEV 125R-3-FI	125	40	250	Roller bearing	155	140 x 110	105 x 75-80	11	48
LK-POEV 125K-3	BK-POEV 125K-3	LK-POEV 125K-3-FI	125	40	250	Ball bearing (C)	155	140 x 110	105 x 75-80	11	48
LK-POEV 160R	BH-POEV 160R	LK-POEV 160R-FI	160	50	400	Roller bearing	202	140 x 110	105 x 75-80	11	63
LK-POEV 160K	BH-POEV 160K	LK-POEV 160K-FI	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-POEV 200R	BH-POEV 200R	LK-POEV 200R-FI	200	50	500	Roller bearing	245	140 x 110	105 x 75-80	11	65
LK-POEV 200K	BH-POEV 200K	LK-POEV 200K-FI	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	65

For stainless steel versions refer to page 361

**Options \***



	With non-marking grey tyre	With non-marking blue tyre	Electrically conductive version, black tyre	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttt. height +17mm **	With steel foot guard
Technical description page	38	38	36, 38	80	81	80	84
Product code suffix	-SG	-SB	-EL	-ST	-CS11	-IS	-FS
Available for	all sizes	wheel Ø 100-200 mm	ball bearing versions upon request	all sizes	wheel Ø 100-125 mm	Ø 100-200 mm with plate 140x110 mm	wheel Ø 160-200 mm upon request

\* Additional options:

1. Pressed steel thread guard, zinc-plated (-FA), available for all sizes; 2. Stainless steel bearing or ball bearing seals: Refer to 'Options' on page 164
3. Directional lock (retro fit) 1 x 360°: RI-03.03 for wheel Ø 100-125 mm with plate 140x110 mm, RI-05.03 for wheel Ø 160-200 mm (technical description page 83)
4. \*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: Product code AP3



Series: LKR-POEV

**Pressed steel castors, medium heavy duty brackets, with bolt hole fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

170 - 250 kg

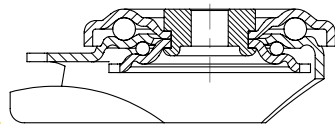
RoHS



**Blickle EasyRoll**

**Brackets:** LKR series - Made of heavy pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 66  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
Wheel centre: Made of high-quality, impact-resistant nylon, black.  
Bearing types: Roller bearing or a centrally encapsulated ball bearing (C).  
Detailed description: Page 164 and 44



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Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LKR-POEV 82K	LKR-POEV 82K-FI	80	40	170	Ball bearing (C)	110	88	13	40
LKR-POEV 100R	LKR-POEV 100R-FI	100	38	200	Roller bearing	130	88	13	45
LKR-POEV 100K	LKR-POEV 100K-FI	100	38	200	Ball bearing (C)	130	88	13	45
LKR-POEV 125R	LKR-POEV 125R-FI	125	40	250	Roller bearing	155	88	13	48
LKR-POEV 125K	LKR-POEV 125K-FI	125	40	250	Ball bearing (C)	155	88	13	48

**Options**



	With non-marking grey tyre	With non-marking blue tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	With stainless steel roller bearing in the wheel hub	With stainless steel ball bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page	38	38	36, 38	84	60	61	61
Product code suffix	-SG	-SB	-EL	-FA	-XR	-XK	-KD
Available for	all sizes	wheel Ø 100-125 mm	ball bearing versions upon request	all sizes	all sizes	upon request	all sizes



Series: LU-POEV, BH-POEV

**Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

400 - 500 kg

RoHS

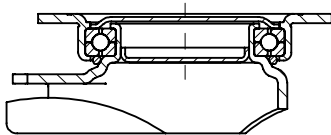


**Blickle EasyRoll**

**Brackets:** LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of high-quality, impact-resistant nylon, black. Bearing types: Roller bearing or two pressed-in ball bearings. Detailed description: Page 164 and 44

5



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LU-POEV 160R	BH-POEV 160R	LU-POEV 160R-FI	160	50	400	Roller bearing	202	140 x 110	105 x 75-80	11	61
LU-POEV 160K	BH-POEV 160K	LU-POEV 160K-FI	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-POEV 200R	BH-POEV 200R	LU-POEV 200R-FI	200	50	500	Roller bearing	245	140 x 110	105 x 75-80	11	63
LU-POEV 200K	BH-POEV 200K	LU-POEV 200K-FI	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	63

**Options \***



	With non-marking grey tyre	With non-marking blue tyre	Electrically conductive version, black tyre	With pressed steel thread guard, zinc-plated	Directional lock (retro fit) 1 x 360° **	With steel foot guard	With stainless steel roller bearing (-XR) / ball bearing (-XK)
Technical description page	38	38	36, 38	84	83	84	60 / 61
Product code suffix	-SG	-SB	-EL	-FA	RI-05.03	-FS	-XR / -XK
Available for	all sizes	all sizes	ball bearing versions upon request	all sizes	all sizes	upon request	all sizes

\* **Additional options:**  
 1. Wheel with additional ball bearing seals (-KD), available for all sizes (technical description page 61)  
 2. Stainless steel ball bearing and synthetic cover (-XKA), available for all sizes (technical description page 61)  
 \*\* Only for swivel castors without brake

Series: LH-POEV, BH-POEV

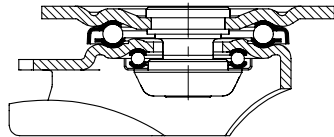
**Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

170 - 600 kg

✓RoHS



**Blickle EasyRoll**



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**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 66  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
 Wheel centre: Made of high-quality, impact-resistant nylon, black.  
 Bearing types: Roller bearing, two pressed-in ball bearings or a centrally encapsulated ball bearing (C).  
 Detailed description: Page 164 and 44

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-POEV 82K	BH-POEV 82K	LH-POEV 82K-FI	80	40	170	Ball bearing (C)	120	100 x 85	80 x 60	9	45
LH-POEV 100R-1	BH-POEV 100R-1	LH-POEV 100R-1-FI	100	38	200	Roller bearing	140	100 x 85	80 x 60	9	45
LH-POEV 100K-1	BH-POEV 100K-1	LH-POEV 100K-1-FI	100	38	200	Ball bearing	140	100 x 85	80 x 60	9	45
LH-POEV 100R-3	BH-POEV 100R-3	LH-POEV 100R-3-FI	100	38	200	Roller bearing	140	140 x 110	105 x 75-80	11	45
LH-POEV 100K-3	BH-POEV 100K-3	LH-POEV 100K-3-FI	100	38	200	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-POEV 125R-1	BH-POEV 125R-1	LH-POEV 125R-1-FI	125	40	250	Roller bearing	165	100 x 85	80 x 60	9	45
LH-POEV 125K-1	BH-POEV 125K-1	LH-POEV 125K-1-FI	125	40	250	Ball bearing	165	100 x 85	80 x 60	9	45
LH-POEV 125R-3	BH-POEV 125R-3	LH-POEV 125R-3-FI	125	40	250	Roller bearing	165	140 x 110	105 x 75-80	11	45
LH-POEV 125K-3	BH-POEV 125K-3	LH-POEV 125K-3-FI	125	40	250	Ball bearing	165	140 x 110	105 x 75-80	11	45
LH-POEV 160R	BH-POEV 160R	LH-POEV 160R-FI	160	50	400	Roller bearing	202	140 x 110	105 x 75-80	11	65
LH-POEV 160K	BH-POEV 160K	LH-POEV 160K-FI	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-POEV 200R	BH-POEV 200R	LH-POEV 200R-FI	200	50	500	Roller bearing	245	140 x 110	105 x 75-80	11	70
LH-POEV 200K	BH-POEV 200K	LH-POEV 200K-FI	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-POEV 250R	BH-POEV 250R	*	250	50	600	Roller bearing	295	140 x 110	105 x 75-80	11	82
LH-POEV 250K	BH-POEV 250K	*	250	50	600	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* For the 'stop-top' brake version refer to 'Options'

**Options \*\***



	With non-marking grey tyre	With non-marking blue tyre	Electrically conductive version, black tyre	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm ***	With steel foot guard
Technical description page	38	38	36, 38	80	81	80	84
Product code suffix	-SG	-SB	-EL	-ST	-CS13	-IS	-FS
Available for	Ø 80-200 all sizes, Ø 250 ball bearings	wheel Ø 100-200 mm	ball bearing versions upon request	all sizes	wheel Ø 160-250 mm	wheel Ø 160-250 mm	wheel Ø 160-200 mm upon request

**\*\* Additional options:**

1. Pressed steel thread guard, zinc-plated (-FA), available upon request; 2. Stainless steel bearing or ball bearing seals: Refer to 'Options' page 164
3. Directional lock (retro fit) 1 x 360°: **RI-04.01** for wheel Ø 80-125 mm with plate 100x85 mm, **RI-05.03** for wheel Ø 160-200 mm (technical description page 83)
4. \*\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: Product code **AP3**

Series: ALEV

## Heavy duty wheels with elastic solid rubber tyres 'Blickle EasyRoll', with aluminium wheel centre

200 - 650 kg

RoHS



<b>Tread &amp; tyre hardness</b>	65° shore A
<b>Temperature resistance</b>	-25° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

**Blickle**  
EasyRoll

5

**ALEV-wheel series:**

**Tyres:** Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A hardness, very high operational comfort, low-noise operation, low rolling resistance, very good floor preservation, colour black, vulcanised onto the wheel centre. (Material description page 38)

**Wheel centre:** Made of die-cast aluminium.

**Bearing type:**

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

**Other features:**

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -25° C to +80° C, temporarily up to +100° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

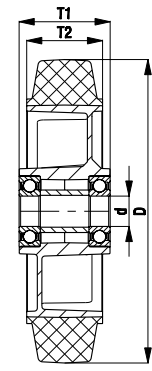
**Wheel series overview page 45**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALEV 100/15K	100	40	200	Ball bearing	15	40
ALEV 125/15K	125	40	250	Ball bearing	15	45
ALEV 127/20K	125	50	270	Ball bearing	20	60
ALEV 140/20K	140	40	270	Ball bearing	20	60
ALEV 150/20K	150	54	400	Ball bearing	20	60
ALEV 161/15K	160	40	300	Ball bearing	15	60
ALEV 160/20K	160	50	400	Ball bearing	20	60
ALEV 160/25K	160	50	400	Ball bearing	25	60
ALEV 180/20K	180	50	450	Ball bearing	20	60
ALEV 180/25K	180	50	450	Ball bearing	25	60
ALEV 200/20K	200	50	500	Ball bearing	20	60
ALEV 200/25K	200	50	500	Ball bearing	25	60
ALEV 250/20K	250	50	650	Ball bearing	20	60
ALEV 250/25K	250	50	650	Ball bearing	25	60



**Options**

	With non-marking grey tyre	Electrically conductive version, black tyre
Technical description page	38	36, 38
Product code suffix	-SG	-EL
Available for	all sizes	wheel Ø 100, 125x40, 160x40, 200, 250



Series: L-ALEV, B-ALEV, BH-ALEV

**Pressed steel castors, medium duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

200 - 500 kg

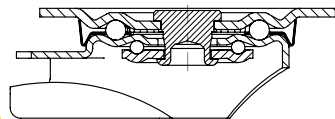
RoHS



**Blickle EasyRoll**

**Brackets:** L/B/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 150-250 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 65  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
Wheel centre: Made of die-cast aluminium.  
Bearing type: Two pressed-in ball bearings.  
Detailed description: Page 171 and 45



5



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-ALEV 100K	B-ALEV 100K	L-ALEV 100K-FI	100	40	200	Ball bearing	125	100 x 85	80 x 60	9	36
L-ALEV 125K	B-ALEV 125K	L-ALEV 125K-FI	125	40	200	Ball bearing	150	100 x 85	80 x 60	9	40
L-ALEV 150K	B-ALEV 150K	L-ALEV 150K-FI	150	54	400	Ball bearing	190	140 x 110	105 x 75-80	11	60
L-ALEV 161K	B-ALEV 161K	L-ALEV 161K-FI	160	40	300	Ball bearing	195	140 x 110	105 x 75-80	11	60
L-ALEV 160K	B-ALEV 160K	L-ALEV 160K-FI	160	50	400	Ball bearing	195	140 x 110	105 x 75-80	11	60
L-ALEV 180K	B-ALEV 180K	L-ALEV 180K-FI	180	50	400	Ball bearing	215	140 x 110	105 x 75-80	11	60
L-ALEV 200K	B-ALEV 200K	L-ALEV 200K-FI	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-ALEV 250K-3	BH-ALEV 250K	*	250	50	500	Ball bearing	295	140 x 110	105 x 75-80	11	77

\* For the 'stop-top' brake version refer to 'Options'

**Options**



	With non-marking grey tyre	Electrically conductive version, black tyre	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro fit) 1 x 360° **	Directional lock (retro fit) 1 x 360° **	With synthetic (-FP) or steel (-FS) foot guard
Technical description page	38	36, 38	80	81	83	83	84
Product code suffix	-SG	-EL	-ST	-CS11	RI-03.01	RI-05.03	-FP / -FS
Available for	all sizes	Ø 100, 125, 160x40, 200, 250 mm	all sizes	wheel Ø 160+200 mm	wheel Ø 100-125 mm	wheel Ø 150-200 mm	upon request

\*\* Only for swivel castors without brake

Series: LK-ALEV, BK-ALEV, BH-ALEV

**Pressed steel castors, medium heavy duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

200 - 500 kg

RoHS

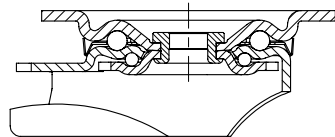


**Blickle EasyRoll**

**Brackets:** LK/BK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 125x50 - 200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 171 and 45

5



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-ALEV 100K-1	BK-ALEV 100K-1	LK-ALEV 100K-1-FI	100	40	200	Ball bearing	130	100 x 85	80 x 60	9	45
LK-ALEV 100K-3	BK-ALEV 100K-3	LK-ALEV 100K-3-FI	100	40	200	Ball bearing	130	140 x 110	105 x 75-80	11	45
LK-ALEV 125K-1	BK-ALEV 125K-1	LK-ALEV 125K-1-FI	125	40	250	Ball bearing	155	100 x 85	80 x 60	9	48
LK-ALEV 125K-3	BK-ALEV 125K-3	LK-ALEV 125K-3-FI	125	40	250	Ball bearing	155	140 x 110	105 x 75-80	11	48
LK-ALEV 127K	BH-ALEV 127K	LK-ALEV 127K-FI	125	50	270	Ball bearing	170	140 x 110	105 x 75-80	11	55
LK-ALEV 150K	BH-ALEV 150K	LK-ALEV 150K-FI	150	54	400	Ball bearing	197	140 x 110	105 x 75-80	11	63
LK-ALEV 160K	BH-ALEV 160K	LK-ALEV 160K-FI	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-ALEV 180K	BH-ALEV 180K	LK-ALEV 180K-FI	180	50	450	Ball bearing	223	140 x 110	105 x 75-80	11	65
LK-ALEV 200K	BH-ALEV 200K	LK-ALEV 200K-FI	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	65

**Options**



	With non-marking grey tyre	Electrically conductive version, black tyre	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttt. height +17mm *	Directional lock (retro-fit) 1 x 360°	With steel foot guard
Technical description page	38	36, 38	80	81	80	83	84
Product code suffix	-SG	-EL	-ST	-CS11	-IS	refer to **	-FS
Available for	all sizes	wheel Ø 100, 125x40, 200 mm	all sizes	wheel Ø 100 - 125x40 mm	Ø 100, 125, 160, 200 with plate 140x110	for wheel Ø and plate dimensions refer to **	upon request

\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

\*\* **RI-05.01** available for wheel Ø 100 - 125 mm with plate 100x85 mm, **RI-03.03** available for wheel Ø 100 mm - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x50 - 200 mm (only for swivel castors without brake)



Series: LKR-ALEV

**Pressed steel castors, medium heavy duty brackets, with bolt hole fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

200 - 250 kg

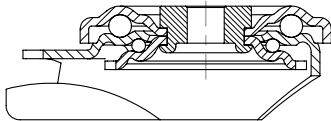
RoHS



**Blickle EasyRoll**

**Brackets:** LKR series - Made of heavy pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 66  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
Wheel centre: Made of die-cast aluminium.  
Bearing type: Two pressed-in ball bearings.  
Detailed description: Page 171 and 45



5



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LKR-ALEV 100K	LKR-ALEV 100K-FI	100	40	200	Ball bearing	130	88	13	45
LKR-ALEV 125K	LKR-ALEV 125K-FI	125	40	250	Ball bearing	155	88	13	48

**Options**



	With non-marking grey tyre	Electrically conductive version, black tyre
Technical description page	38	36, 38
Product code suffix	-SG	-EL
Available for	all sizes	all sizes

Series: LU-ALEV, BH-ALEV

**Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

270 - 500 kg

RoHS

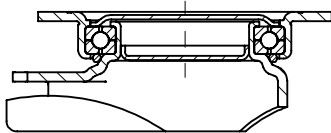


**Blickle EasyRoll**

**Brackets:** LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 171 and 45

5



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LU-ALEV 127K	BH-ALEV 127K	LU-ALEV 127K-FI	125	50	270	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-ALEV 150K	BH-ALEV 150K	LU-ALEV 150K-FI	150	54	400	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-ALEV 160K	BH-ALEV 160K	LU-ALEV 160K-FI	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-ALEV 200K	BH-ALEV 200K	LU-ALEV 200K-FI	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	63

**Options**



	With non-marking grey tyre	Electrically conductive version, black tyre	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	38	36, 38	83	84
Product code suffix	-SG	-EL	RI-05.03	-FS
Available for	all sizes	wheel Ø 200 mm	all sizes	upon request

\* Only for swivel castors without brake

Series: LH-ALEV, BH-ALEV

**Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

200 - 650 kg

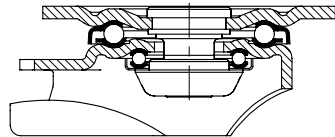
RoHS



**Blickle EasyRoll**

**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 66  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
 Wheel centre: Made of die-cast aluminium.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 171 and 45



5



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-ALEV 100K-1	BH-ALEV 100K-1	LH-ALEV 100K-1-FI	100	40	200	Ball bearing	140	100 x 85	80 x 60	9	45
LH-ALEV 100K-3	BH-ALEV 100K-3	LH-ALEV 100K-3-FI	100	40	200	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-ALEV 125K-1	BH-ALEV 125K-1	LH-ALEV 125K-1-FI	125	40	250	Ball bearing	165	100 x 85	80 x 60	9	45
LH-ALEV 125K-3	BH-ALEV 125K-3	LH-ALEV 125K-3-FI	125	40	250	Ball bearing	165	140 x 110	105 x 75-80	11	45
LH-ALEV 127K	BH-ALEV 127K	LH-ALEV 127K-FI	125	50	270	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-ALEV 150K	BH-ALEV 150K	LH-ALEV 150K-FI	150	54	400	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-ALEV 160K	BH-ALEV 160K	LH-ALEV 160K-FI	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-ALEV 180K	BH-ALEV 180K	LH-ALEV 180K-FI	180	50	450	Ball bearing	223	140 x 110	105 x 75-80	11	67
LH-ALEV 200K	BH-ALEV 200K	LH-ALEV 200K-FI	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-ALEV 250K	BH-ALEV 250K	*	250	50	650	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* For the 'stop-top' brake version refer to 'Options'

**Options**



	With non-marking grey tyre	Electrically conductive version, black tyre	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm **	Directional lock (retro-fit) 1 x 360°	With steel foot guard
Technical description page	38	36, 38	80	81	80	83	84
Product code suffix	-SG	-EL	-ST	-CS13	-IS	refer to ***	-FS
Available for	all sizes	wheel Ø 100, 125x40, 200, 250 mm	all sizes	wheel Ø 125x50, 160, 200, 250 mm	wheel Ø 125x50, 160, 200, 250 mm	for wheel Ø and plate dimensions refer to***	upon request

\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

\*\*\* **RI-04.01** available for wheel Ø 100 - 125x40 mm with plate 100x85 mm, **RI-04.03** available for wheel Ø 100 - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x50 - 200 mm (only for swivel castors without brake)

Series: LHZ-ALEV

**Pressed steel castors, heavy duty brackets, with stem fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

270 - 500 kg

RoHS

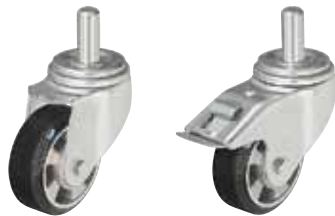
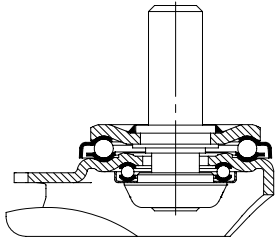


**Blickle EasyRoll**

**Brackets:** LHZ series - Made of heavy pressed steel, with heavy fork and top plate, very strong bolted and secured welded steel plug-in stem, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 67  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
 Wheel centre: Made of die-cast aluminium.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 171 and 45

5



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LHZ-ALEV 127K	LHZ-ALEV 127K-FI	125	50	270	Ball bearing	170	27	60	55
LHZ-ALEV 160K	LHZ-ALEV 160K-FI	160	50	400	Ball bearing	202	27	60	65
LHZ-ALEV 200K	LHZ-ALEV 200K-FI	200	50	500	Ball bearing	245	27	60	70

**Options**



	With non-marking grey tyre	Electrically conductive version, black tyre	With 'stop-top' brake	With steel foot guard
Technical description page	38	36, 38	80	84
Product code suffix	-SG	-EL	-ST	-FS
Available for	all sizes	upon request	all sizes	upon request

Series: LO-ALEV, BO-ALEV

**Welded steel heavy duty castors, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

270 - 650 kg

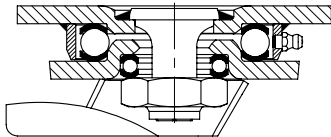
RoHS



**Blickle EasyRoll**

**Brackets:** LO/BO series - Sturdy welded steel construction, swivel bracket with double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 67  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
 Wheel centre: Made of die-cast aluminium.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 171 and 45



5



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-ALEV 127K	BO-ALEV 127K	LO-ALEV 127K-ST	125	50	270	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-ALEV 150K	BO-ALEV 150K	LO-ALEV 150K-ST	150	54	400	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-ALEV 160K	BO-ALEV 160K	LO-ALEV 160K-ST	160	50	400	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-ALEV 200K	BO-ALEV 200K	LO-ALEV 200K-ST	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-ALEV 250K	BO-ALEV 250K	LO-ALEV 250K-ST	250	50	650	Ball bearing	295	140 x 110	105 x 75-80	11	70

**Options**



	With non-marking grey tyre	Electrically conductive version, black tyre	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	38	36, 38	83	83	84	82, 483
Product code suffix	-SG	-EL	-RI2	-RI4	-FS	FF 125/150/160/200
Available for	all sizes	wheel Ø 200-250 mm	wheel Ø 125-200 mm	wheel Ø 125-200 mm	upon request	wheel Ø 125-200 mm



Series: LHD-SE, BOD-SE, LHD-ALEV, BOD-ALEV

**Pressed steel twin wheel castors, heavy duty brackets, with top plate fitting, wheels with elastic solid rubber tyres 'Blickle EasyRoll'**

400 - 500 kg

RoHS

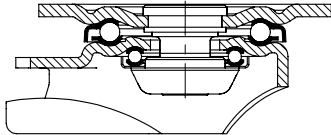


**Blickle EasyRoll**

**Brackets:** LHD/BOD series - Swivel bracket made of heavy pressed steel, with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
Fixed brackets: Sturdy welded steel construction.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 67  
Top plate drawings: Page 77

**Wheels:** ALEV/SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
Wheel centre: ALEV series: Made of die-cast aluminium.  
SE series: Made of high-quality, impact-resistant nylon, black.  
Bearing type: Two pressed-in ball bearings.  
Detailed description: Page 171, 180 and 45

**5**



Swivel castors	Fixed castors	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LHD-SE 80K	BOD-SE 80K	80	2 x 45	400	Ball bearing	115	110 x 140 *	75-80 x 105	11	45
LHD-ALEV 100K	BOD-ALEV 100K	100	2 x 40	400	Ball bearing	145	110 x 140 *	75-80 x 105	11	45
LHD-ALEV 125K	BOD-ALEV 125K	125	2 x 40	500	Ball bearing	170	110 x 140 *	75-80 x 105	11	50

\* Fixed castors: Long plate side is parallel to the axle

**Options**



	With non-marking grey tyre	Electrically conductive version, black tyre
Technical description page	38	36, 38
Product code suffix	-SG	-EL
Available for	wheel Ø 100-125 mm	wheel Ø 100-125 mm

Series: SE

## Heavy duty wheels with elastic solid rubber tyres 'Blickle EasyRoll', with welded steel or nylon wheel centre

200 - 1150 kg

RoHS



5

<b>Tread &amp; tyre hardness</b>	65° shore A
<b>Temperature resistance</b>	-25° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good



### SE-wheel series:

**Tyres:** Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A hardness, very high operational comfort, low-noise operation, low rolling resistance, very good floor preservation, colour black, vulcanised onto the wheel centre or product code ...-Z: Steel-wire reinforced and pressed-on. (Material description page 38)

**Wheel centre:** Made of pressed thick-walled steel, triple-welded, with tubular steel hub, resistant to dirt, shocks and impacts, elegant and smooth design, lacquered, colour anthracite. Wheel Ø 80-125 mm: Made of high-quality, impact-resistant and reinforced nylon, colour black.

### Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37). Operating temperature: -25° C to +80° C, temporarily up to +100° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

Maintenance-free under standard conditions.

Wheel series overview page 45

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 10 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SE 80/20K	80	45	200	-	Ball bearing	20	45
SE 100/20K	100	45	270	-	Ball bearing	20	45
SE 125/20K	125	50	320	150	Ball bearing	20	60
SE 160/20K	160	50	450	250	Ball bearing	20	60
SE 200/20K	200	50	600	350	Ball bearing	20	60
SE 200/25K	200	50	600	350	Ball bearing	25	60
SE 202/25K	200	80	850	500	Ball bearing	25	90
SE 250/25K	250	60	850	500	Ball bearing	25	70
SE 252/25K	250	80	1000	600	Ball bearing	25	90
SE 252/30K	250	80	1000	600	Ball bearing	30	90
SE 301/30G	300	50	900 *	-	Plain bore	30	55
SE 300/30K	300	75	1000	650	Ball bearing	30	85
SE 360/30K-Z	360	75	950	760	Ball bearing	30	90
SE 400/35K-Z	400	65	900	720	Ball bearing	35	75
SE 415/35K-Z	415	90	1150	920	Ball bearing	35	100

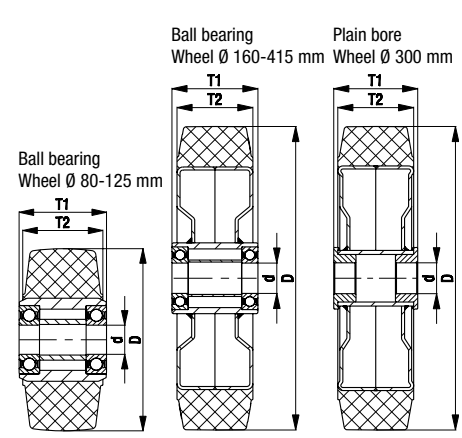
\* Static load

For further dimensions refer to GEV-wheel series on page 187



### Options

	With non-marking grey tyre	With grease nipple
Technical description page	38	
Product code suffix	-SG	-NI
Available for	Ø 125-200 mm, others upon request	wheel Ø 200-415 mm upon request



Series: LK-SE, BK-SE, BH-SE

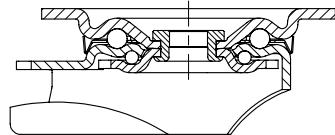
**Pressed steel castors, medium heavy duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

200 - 600 kg

RoHS



**Blickle EasyRoll**



**Brackets:** LK/BK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 125-200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, anthracite. Wheel Ø 80-125 mm: Made of high-quality, impact-resistant nylon, black. Bearing type: Two pressed-in ball bearings. Detailed description: Page 180 and 45

5



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-SE 80K	BK-SE 80K	LK-SE 80K-FI	80	45	200	Ball bearing	110	100 x 85	80 x 60	9	40
LK-SE 100K-1	BK-SE 100K-1	LK-SE 100K-1-FI	100	45	270	Ball bearing	130	100 x 85	80 x 60	9	45
LK-SE 100K-3	BK-SE 100K-3	LK-SE 100K-3-FI	100	45	270	Ball bearing	130	140 x 110	105 x 75-80	11	45
LK-SE 125K	BH-SE 125K	LK-SE 125K-FI	125	50	320	Ball bearing	170	140 x 110	105 x 75-80	11	55
LK-SE 160K	BH-SE 160K	LK-SE 160K-FI	160	50	450	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-SE 200K	BH-SE 200K	LK-SE 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65

**Options**



	With non-marking grey tyre	With 'stop-top' brake	Directional lock (retro-fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	38	80	83	83	83	84
Product code suffix	-SG	-ST	RI-05.01	RI-03.03	RI-05.03	-FS
Available for	Ø 125-200 mm, others upon request	all sizes	wheel Ø 80-100 mm with plate 100x85	wheel Ø 100 mm with plate 140x110	wheel Ø 125-200 mm	upon request

\* Only for swivel castors without brake

Series: LU-SE, BH-SE

**Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

320 - 600 kg

RoHS



**Blickle EasyRoll**

**Brackets:** LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview: Page 66

Top plate drawings: Page 77

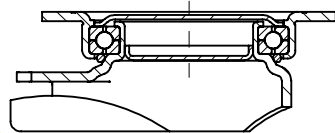
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.

Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, anthracite. Wheel Ø 125 mm: Made of high-quality, impact-resistant nylon, black.

Bearing type: Two pressed-in ball bearings.

Detailed description: Page 180 and 45



5



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LU-SE 125K	BH-SE 125K	LU-SE 125K-FI	125	50	320	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-SE 160K	BH-SE 160K	LU-SE 160K-FI	160	50	450	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-SE 200K	BH-SE 200K	LU-SE 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	63

**Options**



	With non-marking grey tyre	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	38	83	84
Product code suffix	<b>-SG</b>	<b>RI-05.03</b>	<b>-FS</b>
Available for	all sizes	all sizes	upon request

\* Only for swivel castors without brake

Series: LH-SE, BH-SE

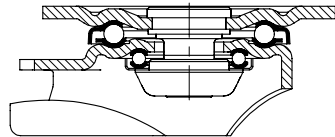
**Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

200 - 850 kg

RoHS



**Blickle EasyRoll**



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 66  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
 Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, anthracite. Wheel Ø 80-125 mm: Made of high-quality, impact-resistant nylon, black.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 180 and 45

**5**



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-SE 80K	BH-SE 80K	LH-SE 80K-FI	80	45	200	Ball bearing	120	100 x 85	80 x 60	9	45
LH-SE 100K-1	BH-SE 100K-1	LH-SE 100K-1-FI	100	45	270	Ball bearing	140	100 x 85	80 x 60	9	45
LH-SE 100K-3	BH-SE 100K-3	LH-SE 100K-3-FI	100	45	270	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-SE 125K	BH-SE 125K	LH-SE 125K-FI	125	50	320	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-SE 160K	BH-SE 160K	LH-SE 160K-FI	160	50	450	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-SE 200K	BH-SE 200K	LH-SE 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-SE 202K	BO-SE 202K *	**	200	80	850	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-SE 250K	BH-SE 250K	**	250	60	850	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* Welded steel construction, for technical description refer to page 184  
 \*\* For the 'stop-top' brake version refer to 'Options'

**Options**



	With non-marking grey tyre	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm ***	Directional lock (retro-fit) 1 x 360°	With steel foot guard	Truck lock
Technical description page	38	80	81	80	83	84	82, 483
Product code suffix	-SG	-ST	-CS13	-IS	refer to ****	-FS	FF 125/160/200
Available for	Ø 125-200 mm, others upon request	all sizes	wheel Ø 125-200x50, 250 mm	wheel Ø 125-200x50, 250 mm	for wheel Ø and plate dim. refer to ****	upon request	wheel Ø 125-200 mm

\*\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**  
 \*\*\*\* **RI-04.01** available for wheel Ø 80 - 100 mm with plate 100x85 mm, **RI-04.03** available for wheel Ø 100 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125 - 200x50 mm (only for swivel castors without brake)



Series: LO-SE, BO-SE

## Welded steel heavy duty castors, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

320 - 850 kg

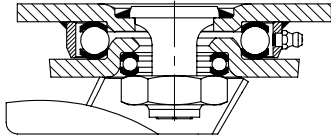
✓RoHS



**Blickle EasyRoll**

**Brackets:** LO/BO series - Sturdy welded steel construction, swivel bracket with double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 67 Top plate drawings: Page 77 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, anthracite. Wheel Ø 125 mm: Made of high-quality, impact-resistant nylon, black. Bearing type: Two pressed-in ball bearings. Detailed description: Page 180 and 45



5



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-SE 125K	BO-SE 125K	LO-SE 125K-ST	125	50	320	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-SE 160K	BO-SE 160K	LO-SE 160K-ST	160	50	450	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-SE 200K	BO-SE 200K	LO-SE 200K-ST	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-SE 202K	BO-SE 202K	LO-SE 202K-ST	200	80	850	Ball bearing	245	140 x 110	105 x 75-80	11	65
LO-SE 250K	BO-SE 250K	LO-SE 250K-ST	250	60	850	Ball bearing	295	140 x 110	105 x 75-80	11	70

### Options



	With non-marking grey tyre	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	38	83	83	84	82, 483
Product code suffix	-SG	-RI2	-RI4	-FS	FF 125/160/200
Available for	Ø 125-200 mm, others upon request	wheel Ø 125 - 200x50 mm	wheel Ø 125 - 200x50 mm	upon request	wheel Ø 125-200 mm

Series: LS-SE, BS-SE

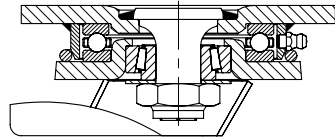
**Welded steel heavy duty castors, strong swivel head design, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

320 - 1150 kg

RoHS



**Blickle EasyRoll**



**Brackets:** LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle.  
Zinc-plated, yellow-passivated, Cr6-free.  
Bracket overview: Page 68  
Top plate drawings: Page 77 and 78  
Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, anthracite. Wheel Ø 125 mm: Made of high-quality, impact-resistant nylon, black.  
Bearing type: Two pressed-in ball bearings.  
Detailed description: Page 180 and 45

5

Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-SE 125K	BS-SE 125K	LS-SE 125K-ST	125	50	320	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-SE 160K	BS-SE 160K	LS-SE 160K-ST	160	50	450	Ball bearing	205	140 x 110	105 x 75-80	11	55
LS-SE 200K	BS-SE 200K	LS-SE 200K-ST	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	60
LS-SE 202K	BS-SE 202K	LS-SE 202K-ST	200	80	850	Ball bearing	255	175 x 140	140 x 105	14	65
LS-SE 250K	BS-SE 250K	LS-SE 250K-ST	250	60	850	Ball bearing	305	175 x 140	140 x 105	14	75
LS-SE 252K	BS-SE 252K	LS-SE 252K-ST	250	80	1000	Ball bearing	305	175 x 140	140 x 105	14	75
LS-SE 300K	BS-SE 300K	LS-SE 300K-ST	300	75	1000	Ball bearing	355	175 x 140	140 x 105	14	85
LS-SE 360K-Z	BS-SE 360K-Z		360	75	950	Ball bearing	420	175 x 140	140 x 105	14	100
LS-SE 415K-Z	BS-SE 415K-Z		415	90	1150	Ball bearing	478	200 x 160	160 x 120	14	100

**Options**



	With non-marking grey tyre	With 'Radstop' wheel brake	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	38	81	83	83	84	82, 483
Product code suffix	-SG	-RA	-RI2	-RI4	-FS	FF 125/160/200
Available for	Ø 125-200 mm, others upon request	wheel Ø 360-415 mm upon request	all sizes	all sizes	upon request	wheel Ø 125 - 200x50 mm

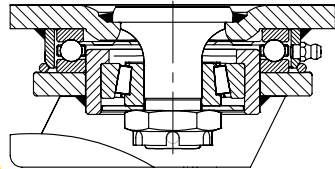
Series: LSD-SE, BSD-SE

**Welded steel heavy duty twin wheel castors, strong swivel head design, wheels with elastic solid rubber tyres 'Blickle EasyRoll'**

900 - 2000 kg RoHS



**Blickle EasyRoll**



5



**Brackets:** LSD/BSL series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
 Bolted wheel axle.  
 Zinc-plated, yellow-passivated, Cr6-free.  
 Bracket overview: Page 68  
 Top plate drawings: Page 78

**Wheels:** SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
 Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, anthracite.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 180 and 45

Swivel castors	Fixed castors	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSD-SE 160K-35	BSD-SE 160K-35	160	2 x 50	900	Ball bearing	220	140 x 175 *	105 x 140	14	55
LSD-SE 200K-35	BSD-SE 200K-35	200	2 x 50	1200	Ball bearing	260	140 x 175 *	105 x 140	14	60
LSD-SE 250K	BSD-SE 250K	250	2 x 60	1700	Ball bearing	330	200 x 255 *	160 x 210	18	70
LSD-SE 300K	BSD-SE 300K	300	2 x 75	2000	Ball bearing	380	200 x 255 *	160 x 210	18	80

\* Fixed castors: Long plate side is parallel to the axle

**Options**



	With non-marking grey tyre	With 'Radstop' wheel brake up to wheel Ø 200 mm	With 'Radstop' wheel brake, wheel Ø 250 mm or larger	With directional lock 2 x 180°	With directional lock 4 x 90°	With directional lock 4 x 90° (hand-operated)	With steel foot guard
Technical description page	38	81	81	83	83	83	84
Product code suffix	-SG	-RA	-RAH	-RI2	-RI4	-RI4H	-FS
Available for	Ø 160-200 mm, others upon request	upon request	upon request	wheel Ø 160-200 mm upon request	wheel Ø 160-200 mm upon request	wheel Ø 250-300 mm upon request	upon request

Series: GEV

## Heavy duty wheels with elastic solid rubber tyres, with cast iron wheel centre

725 - 3000 kg

RoHS



<b>Tread &amp; tyre hardness</b>	65° shore A
<b>Temperature resistance</b>	-25° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

**GEV-wheel series:**

**Tyres:** Made of high-quality elastic solid rubber in smooth rolling quality, 65° shore A hardness, steel-wire reinforced, very high operational comfort, low-noise operation, low rolling resistance, very good floor preservation, colour black. (Material description page 38)

**Wheel centre:** Made of rugged grey cast iron, with grease nipple, lacquered, colour anthracite.

**Bearing type:**

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

**Other features:**

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -25° C to +80° C, temporarily up to +100° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 45**

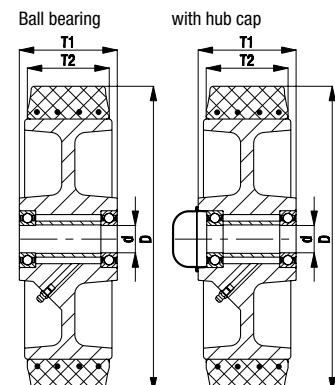
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 16 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GEV 254/30K	250	130	975	585	Ball bearing	30	130
GEV 280/25K	280	75	725	435	Ball bearing	25	90
GEV 302/35K	300	90	900	540	Ball bearing	35	90
GEV 360/30K	360	60	750	450	Ball bearing	30	75
GEV 362/35K	360	75	950	570	Ball bearing	35	90
GEV 400/30K	400	75	1000	600	Ball bearing	30	90
GEV 405/45K	405	130	1500	900	Ball bearing	45	130
GEV 425/45K	425	150	1800	1100	Ball bearing	45	150
GEV 500/35K	500	85	1300	780	Ball bearing	35	90
GEV 520/40K	520	100	1525	920	Ball bearing	40	100
GEV 550/60K	550	160	2250	1350	Ball bearing	60	160
GEV 610/60K	610	150	2250	1350	Ball bearing	60	150
GEV 620/65K	620	200	3000	1800	Ball bearing	65	200

Further dimensions upon request

**Options**



	With non-marking natural colour tyre	Wheel with hub cap (end wheel)	Drive wheels with hub keyway	Hub fitting wheels
Technical description page	38	85	460	467
Product code suffix	-SN	-E	GEVN series	GEVA series
Available for	upon request	upon request	refer to page 460	refer to page 467

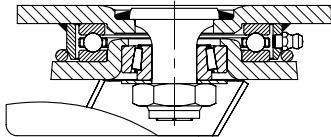


Series: LS-GEV, BS-GEV

**Welded steel heavy duty castors, strong swivel head design, wheel with elastic solid rubber tyre**

900 - 3000 kg

RoHS



5



**Brackets:** LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle. Zinc-plated, yellow-passivated, Cr6-free. Bracket overview: Page 68 Top plate drawings: Page 78

**Wheels:** GEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality, 65° shore A, black. Wheel centre: Made of rugged grey cast iron, with grease nipple, lacquered, anthracite. Bearing type: Two pressed-in ball bearings. Detailed description: Page 187 and 45

Swivel castors	Fixed castors	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-GEV 302K	BS-GEV 302K	300	90	900	Ball bearing	355	200 x 160	160 x 120	14	85
LS-GEV 400K	BS-GEV 400K	400	75	1000	Ball bearing	470	200 x 160	160 x 120	14	100
LS-GEV 520K	BS-GEV 520K	520	100	1525	Ball bearing	580	200 x 160	160 x 120	14	125
LS-GEV 620K		620	200	3000	Ball bearing	710	255 x 200	210 x 160	18	130
	BS-GEV 620K	620	200	3000	Ball bearing	710	250 x 270	210 x 160	18	

**Options**



	With 'stop-top' brake	With 'Radstop' wheel brake	With directional lock 2 x 180°	With directional lock 4 x 90°
Technical description page	80	81	83	83
Product code suffix	-ST	-RA	-RI2	-RI4
Available for	wheel Ø 300 mm	upon request	wheel Ø 300-520 mm	wheel Ø 300-520 mm



Series: DS

## Heavy duty twin wheels with elastic solid rubber tyres, with welded steel wheel centre, heavy design

1500 - 6000 kg

RoHS



<b>Tread &amp; tyre hardness</b>	65° shore A
<b>Temperature resistance</b>	-25° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### DS-twin wheel series:

**Tyres:** Made of high-quality elastic solid rubber in smooth rolling quality, 65° shore A hardness, steel-wire reinforced, very high operational comfort, low-noise operation, low rolling resistance, very good floor preservation, colour black. (Material description page 38)

**Wheel centre:** Very strong welded steel construction with double-welded tubular steel hub, with grease nipple, lacquered, colour anthracite.

### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -25° C to +80° C, temporarily up to +100° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 45**

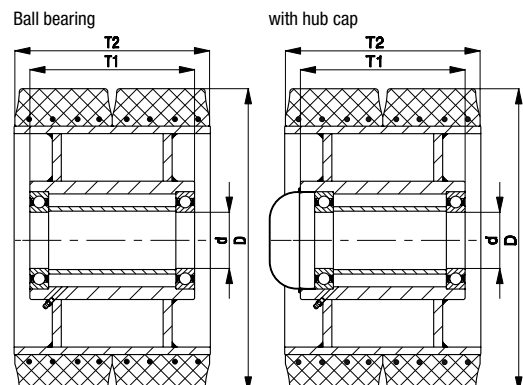
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 6 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
<b>DS 300/50K</b>	300	150 (2 x 75)	1500	900	Ball bearing	50	150
<b>DS 302/55K</b>	300	180 (2 x 90)	1800	1080	Ball bearing	55	180
<b>DS 361/50K</b>	360	150 (2 x 75)	1900	1100	Ball bearing	50	150
<b>DS 400/55K</b>	400	150 (2 x 75)	2000	1200	Ball bearing	55	150
<b>DS 405/75K</b>	405	260 (2 x 130)	3000	1800	Ball bearing	75	250
<b>DS 415/60K</b>	415	180 (2 x 90)	2300	1380	Ball bearing	60	180
<b>DS 425/80K</b>	425	300 (2 x 150)	3600	2160	Ball bearing	80	250
<b>DS 500/60K</b>	500	170 (2 x 85)	2600	1560	Ball bearing	60	170
<b>DS 620/100K</b>	620	400 (2 x 200)	6000	3600	Ball bearing	100	300

Further dimensions upon request

### Options



	Wheel with hub cap (end wheel)	Drive wheel with hub keyway
Technical description page	85	
<b>Product code suffix</b>	<b>-E</b>	<b>DSN series</b>
Available for	upon request	upon request









## Wheels and castors with pneumatic tyres

6



## Table of Contents

	<b>P</b>		<b>L</b>	<b>LS</b>
	Series P Wheel Ø 180 - 490 mm Load capacity 50 - 525 kg			L-P 200 - 260 mm 75 - 250 kg
	<b>Page</b>	<b>192/193</b>	<b>194</b>	<b>196</b>
	<b>PS</b>			
	Series PS Wheel Ø 300 - 536 mm Load capacity 450 - 1300 kg			LS-PS 300 - 536 mm 350 - 1300 kg
	<b>Page</b>	<b>195</b>	<b>196</b>	
	<b>PK</b>			
	Series PK Wheel Ø 200 - 400 mm Load capacity 75 - 250 kg			
	<b>Page</b>	<b>197</b>		

Series: P, wheel Ø 180 - 300 mm

## Wheels with pneumatic tyres, with pressed steel rim

75 - 250 kg

✓RoHS



<b>Tread &amp; tyre hardness</b>	60° shore A
<b>Temperature resistance</b>	-25° C - +50° C
<b>Rolling resistance</b>	good
<b>Operating noise</b>	excellent
<b>Floor surface preservation</b>	excellent

### P-wheel series:

**Tyres:** Pneumatic tyres with ribbed or zig-zag profile, 2 or 4 ply rating, with tube, highest operational comfort, excellent floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

(Material description page 38)

**Rims:** Made of pressed steel, bolted or welded, with welded tubular steel hub, zinc-plated, blue-passivated, Cr6-free.

### Bearing types:

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37). Operating temperature: -25° C to +50° C.

Wheel and tyre dimensions are valid for unloaded, new tyres and may slightly change in width and diameter during operation.

### Wheel series overview page 46

With a reduced load capacity, max. speeds of up to 16 km/h are permissible for wheels fitted with ball bearings.

Wheels with ribbed profile	Wheels with zig-zag profile	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre dimension (T1) [mm]	Ply rating	Load cap. at 4 km/h [kg]	Load cap. at 16 km/h [kg]	Tyre pressure [bar/psi]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Profile ribbed profile *	Profile zig-zag profile *
P 180/20-48R-SG **		180	50	7 x 1¼	2	75	-	2.5/36	Roller brg.	20	48	R01	
P 200/20-48R		200	50	200x50	2	75	-	2.5/36	Roller brg.	20	48	R01	
P 200/20-60R		200	50	200x50	2	75	-	2.5/36	Roller brg.	20	60	R01	
P 220/20-75R	P 222/20-75R	220	65	2.50-4	2	100	-	2.0/30	Roller brg.	20	75	R01	B01
P 261/20-50G	P 263/20-50G	260	85	3.00-4	2	150	-	2.0/30	Plain bore	20	50	R01	B02
P 261/20-50R	P 263/20-50R	260	85	3.00-4	2	150	-	2.0/30	Roller brg.	20	50	R01	B02
P 261/20-75R	P 263/20-75R	260	85	3.00-4	2	150	-	2.0/30	Roller brg.	20	75	R01	B02
P 261/25-75R	P 263/25-75R	260	85	3.00-4	2	150	-	2.0/30	Roller brg.	25	75	R01	B02
P 260/20-50K	P 262/20-50K	260	85	3.00-4	2	150	100	2.0/30	Ball brg.	20	50	R01	B02
P 265/20-75R	P 267/20-75R	260	85	3.00-4	4	250	-	3.5/50	Roller brg.	20	75	R01	B02
P 265/25-75R	P 267/25-75R	260	85	3.00-4	4	250	-	3.5/50	Roller brg.	25	75	R01	B02
P 265/25-75K	P 267/25-75K	260	85	3.00-4	4	250	200	3.5/50	Ball brg.	25	75	R01	B02
P 300/20-75R	P 302/20-75R	300	100	4.00-4	2	180	-	2.0/30	Roller brg.	20	75	R01	B02
P 300/25-75K	P 302/25-75K	300	100	4.00-4	2	180	120	2.0/30	Ball brg.	25	75	R01	B02

\* Refer to image on page 198

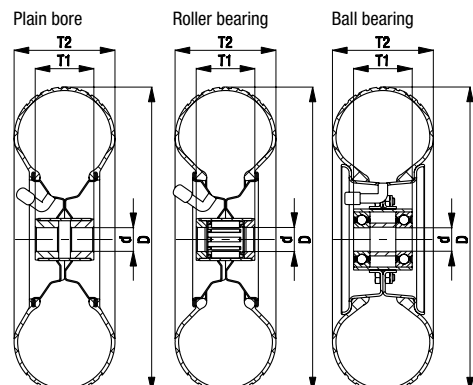
\*\* With non-marking grey tyre

For further wheel Ø refer to the next page

### Options



	With non-marking grey tyre	With puncture-proof, foam-filled tyre	Puncture-proof soft rubber wheels
Technical description page	38		44
Product code suffix	-SG	-AG	VW series
Available for	wheel Ø 200-260 mm	upon request	refer to page 154



Series: P, wheel Ø 310 - 490 mm

## Wheels with pneumatic tyres, with pressed steel rim

50 - 525 kg

RoHS



<b>Tread &amp; tyre hardness</b>		60° shore A
<b>Temperature resistance</b>		-25° C - +50° C
<b>Rolling resistance</b>		good
<b>Operating noise</b>		excellent
<b>Floor surface preservation</b>		excellent

### P-wheel series:

**Tyres:** Pneumatic tyres with ribbed or zig-zag profile, 2 or 4 ply rating, with tube, highest operational comfort, excellent floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

(Material description page 38)

**Rims:** Made of pressed steel, triple-welded drop based rims, with welded tubular steel hub, lacquered, colour silver.

### Bearing types:

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37). Operating temperature: -25° C to +50° C.

Wheel and tyre dimensions are valid for unloaded, new tyres and may slightly change in width and diameter during operation.

### Wheel series overview page 46

With a reduced load capacity, max. speeds of up to 16 km/h are permissible for wheels fitted with ball bearings.

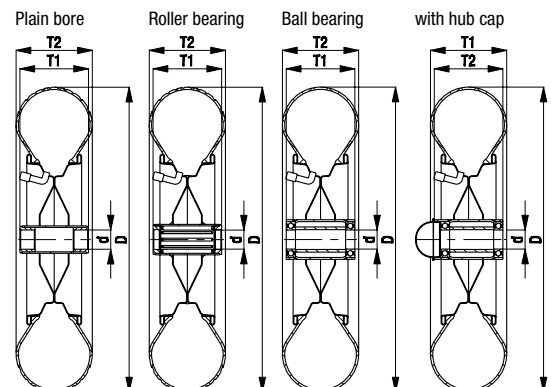
Wheels with ribbed profile	Wheels with zig-zag profile	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre dimension	Ply rating	Load cap. at 4 km/h [kg]	Load cap. at 16 km/h [kg]	Tyre pressure [bar/psi]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Profile ribbed profile *	Profile zig-zag profile *
	P 310/20-75K	310	50	12½ x 2¼	2	50	30	2.5/36	Ball brg.	20	75		B05
	P 320/25-75R	340	120	13x5.00-6	2	250	-	2.8/40	Roller brg.	25	75		B06
P 340/25-90K		350	115	4.00-6	4	300	230	3.5/50	Ball brg.	25	90	R01	
P 401/20-90G		400	100	4.00-8	2	250	-	2.0/30	Plain bore	20	90	R01	
P 401/25-90G		400	100	4.00-8	2	250	-	2.0/30	Plain bore	25	90	R01	
P 401/20-90R	P 403/20-90R	400	100	4.00-8	2	250	-	2.0/30	Roller brg.	20	90	R01	B07
P 401/25-90R	P 403/25-90R	400	100	4.00-8	2	250	-	2.0/30	Roller brg.	25	90	R01	B07
P 401/25-90K	P 403/25-90K	400	100	4.00-8	2	250	190	2.0/30	Ball brg.	25	90	R01	B07
P 410/25-90R	P 412/25-90R	400	100	4.00-8	4	350	-	3.5/50	Roller brg.	25	90	R01	B07
P 410/25-90K	P 412/25-90K	400	100	4.00-8	4	350	300	3.5/50	Ball brg.	25	90	R01	B07
P 410/30-90K	P 412/30-90K	400	100	4.00-8	4	350	300	3.5/50	Ball brg.	30	90	R01	B07
P 420/25-90K		415	115	4.00-8	4	525	390	3.5/50	Ball brg.	25	90	R02	
P 420/30-90K		415	115	4.00-8	4	525	390	3.5/50	Ball brg.	30	90	R02	
	P 492/25-90R	490	100	3.50-12	4	300	-	2.5/36	Roller brg.	25	90		B09

\* Refer to image on page 198

### Options



	With puncture-proof, foam-filled tyre	Wheel with hub cap (end wheel)	Hub fitting wheels
Technical description page		85	58
Product code suffix	-AG	-E	PA series
Available for	upon request	upon request	refer to page 470



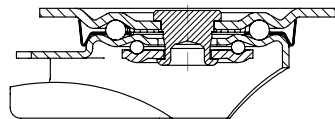


Series: L-P, B-P

**Pressed steel castors, medium duty brackets, with top plate fitting, wheel with pneumatic tyre**

75 - 250 kg

RoHS



6



**Brackets:** L/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, swivel head seals (exception: plate size 175x175 mm). The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 65  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** P series - Tyres: Pneumatic tyres with ribbed or zig-zag profile, 2 or 4 ply rating, black.  
Rims: Made of pressed steel, with tubular steel hub, zinc-plated, blue-passivated, Cr6-free.  
Bearing type: Roller bearing.  
Detailed description: Page 192 and 46

Swivel castors with brakes have reduced braking capacity with insufficient tyre pressure.

Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]	Profile *
L-P 200R	B-P 200R	L-P 200R-ST	200	50	75	Roller brg.	235	140 x 110	105 x 75-80	11	65	R01
L-P 220R	B-P 220R	L-P 220R-ST	220	65	100	Roller brg.	255	140 x 110	105 x 75-80	11	67	R01
L-P 222R	B-P 222R	L-P 222R-ST	220	65	100	Roller brg.	255	140 x 110	105 x 75-80	11	67	B01
L-P 261R		L-P 261R-ST	260	85	150	Roller brg.	308	175 x 175	140 x 140	15	78	R01
	B-P 261R		260	85	150	Roller brg.	308	220 x 120	190 x 75	15		R01
L-P 263R		L-P 263R-ST	260	85	150	Roller brg.	308	175 x 175	140 x 140	15	78	B02
	B-P 263R		260	85	150	Roller brg.	308	220 x 120	190 x 75	15		B02
L-P 265R		L-P 265R-ST	260	85	250	Roller brg.	308	175 x 175	140 x 140	15	78	R01
	B-P 265R		260	85	250	Roller brg.	308	220 x 120	190 x 75	15		R01
L-P 267R		L-P 267R-ST	260	85	250	Roller brg.	308	175 x 175	140 x 140	15	78	B02
	B-P 267R		260	85	250	Roller brg.	308	220 x 120	190 x 75	15		B02

\* R = Ribbed profile, B = Zig-zag profile, refer to image on page 198

**Options**



	With non-marking grey tyre	With puncture-proof, foam-filled tyre	Directional lock (retro fit) 1 x 360° **	Castors with puncture-proof soft rubber wheels
Technical description page	38		83	44
Product code suffix	-SG	-AG	RI-05.03	L/B/BH-VW series
Available for	all sizes	upon request	wheel Ø 200 mm	refer to page 155



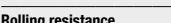


\*\* Only for swivel castors without brake

Series: PS

## Heavy duty wheels with pneumatic tyres, with pressed steel rim

 450 - 1300 kg

 RoHS

<b>Tread &amp; tyre hardness</b>	 60° shore A
<b>Temperature resistance</b>	 -25° C - +50° C
<b>Rolling resistance</b>	 good
<b>Operating noise</b>	 excellent
<b>Floor surface preservation</b>	 excellent

### PS-wheel series:

**Tyres:** Pneumatic tyres with zig-zag profile, 6, 8 or 10 ply rating, with tube, highest operational comfort, excellent floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC. (Material description page 38)

**Rims:** Made of heavy pressed steel, bolted (flat based rim), with welded tubular steel hub, zinc-plated, blue-passivated, Cr6-free.

### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.



Wheel Ø 300-305 mm

Wheel Ø 420-536 mm

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37). Operating temperature: -25° C to +50° C.

Wheel and tyre dimensions are valid for unloaded, new tyres and may slightly change in width and diameter during operation.

### Wheel series overview page 46

With a reduced load capacity, max. speeds of up to 25 km/h are permissible.

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre dimension	Ply rating	Load cap. at 4 km/h [kg]	Load cap. at 25 km/h [kg]	Tyre pressure [bar/psi]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Profile zig-zag profile *
PS 310/20-75K	300	100	4.00-4	6	450	350	7.5/110	Ball brg.	20	75	B02
PS 310/25-75K	300	100	4.00-4	6	450	350	7.5/110	Ball brg.	25	75	B02
PS 315/25-75K	305	105	4.00-4	6	550	400	7.5/110	Ball brg.	25	75	B03
PS 430/25-90K	420	115	4.00-8	6	650	500	7.0/101	Ball brg.	25	90	B08
PS 430/30-90K	420	115	4.00-8	6	650	500	7.0/101	Ball brg.	30	90	B08
PS 432/30-90K	420	115	4.00-8	8	750	600	7.0/101	Ball brg.	30	90	B08
PS 464/30-90K	460	145	5.00-8	8	1140	770	7.0/101	Ball brg.	30	90	B08
PS 536/35-120K	536	165	6.00-9	10	1300	1050	7.0/101	Ball brg.	35	120	B08

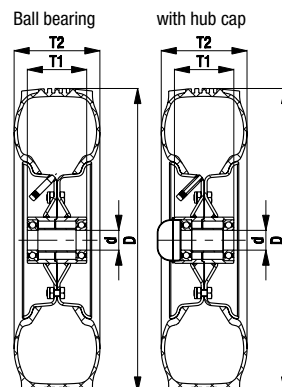
\* Refer to image on page 198

### Options



Wheel with hub cap (end wheel)

Technical description page	85
Product code suffix	-E
Available for	upon request

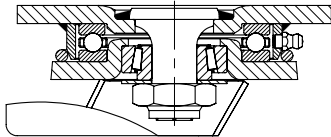


Series: LS-P, BS-P, LS-PS, BS-PS

**Welded steel heavy duty castors, strong swivel head design, heavy duty wheel with pneumatic tyre**

350 - 1300 kg

RoHS



6



**Brackets:** LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Zinc-plated, yellow-passivated, Cr6-free. Bracket overview: Page 68 Top plate drawings: Page 78

**Wheels:** P/PS series - Tyres: P series: Pneumatic tyres with ribbed or zig-zag profile, 4 ply rating, black. PS series: Pneumatic tyres with zig-zag profile, 6, 8 or 10 ply rating, black. Rims: P series: Made of pressed steel, with tubular steel hub, lacquered, silver. PS series: Made of heavy pressed steel, bolted (flat based rim), with tubular steel hub, zinc-plated, blue-passivated, Cr6-free. Bearing type: Two pressed-in ball bearings. Detailed description: Page 195, 193 and 46

Swivel castors with brakes have reduced braking capacity with insufficient tyre pressure.

Swivel castors	Fixed castors	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]	Profile *
LS-PS 310K	BS-PS 310K	300	100	450	Ball brg.	355	200 x 160	160 x 120	14	85	B02
LS-PS 315K	BS-PS 315K	305	105	550	Ball brg.	358	200 x 160	160 x 120	14	85	B03
LS-P 410K	BS-P 410K	400	100	350	Ball brg.	470	200 x 160	160 x 120	14	100	R01
LS-P 420K	BS-P 420K	415	115	525	Ball brg.	478	200 x 160	160 x 120	14	100	R02
LS-PS 430K	BS-PS 430K	420	115	650	Ball brg.	480	200 x 160	160 x 120	14	100	B08
LS-PS 432K	BS-PS 432K	420	115	750	Ball brg.	480	200 x 160	160 x 120	14	100	B08
LS-PS 464K	BS-PS 464K	460	145	1140	Ball brg.	520	200 x 160	160 x 120	14	110	B08
LS-PS 536K		536	165	1300	Ball brg.	623	255 x 200	210 x 160	18	120	B08
	BS-PS 536K	536	165	1300	Ball brg.	623	255 x 220	210 x 160	18		B08

\* R = Ribbed profile, B = Zig-zag profile, refer to image on page 198

**Options**



	With 'Radstop' wheel brake	With directional lock 2 x 180°	With directional lock 4 x 90°
Technical description page	81	83	83
Product code suffix	-RA	-RI2	-RI4
Available for	upon request	wheel Ø 300-460 mm	wheel Ø 300-460 mm

Series: PK

## Wheels with pneumatic tyres, with synthetic rim

75 - 250 kg



<b>Tread &amp; tyre hardness</b>	60° shore A
<b>Temperature resistance</b>	-20° C - +40° C
<b>Rolling resistance</b>	good
<b>Operating noise</b>	excellent
<b>Floor surface preservation</b>	excellent

### PK-wheel series:

**Tyres:** Pneumatic tyres with ribbed or zig-zag profile, 2 ply rating, with tube, highest operational comfort, excellent floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC. (Material description page 38)

**Rims:** Made of high-quality, impact-resistant polypropylene, colour black.

### Bearing types:

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances, except oils (table page 36-37). Operating temperature: -20° C to +40° C. At ambient temperatures above +30° C the load capacity is reduced.

Wheel and tyre dimensions are valid for unloaded, new tyres and may slightly change in width and diameter during operation.

**Wheel series overview page 46**

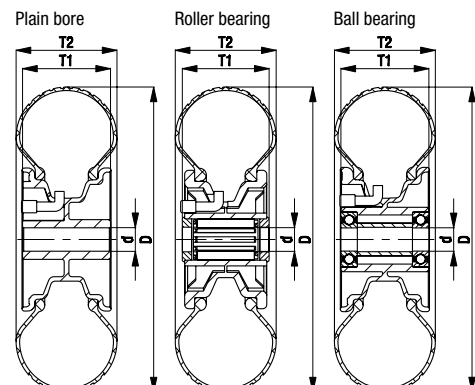
Wheels with ribbed profile	Wheels with zig-zag profile	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre dimension	Ply rating	Load capacity [kg]	Tyre pressure [bar/psi]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Profile ribbed profile *	Profile zig-zag profile *
PK 200/20-60G		200	50	200x50	2	75	2.5/36	Plain bore	20	60	R01	
	PK 257/20-75G	260	85	3.00-4	2	150	2.0/30	Plain bore	20	75		B04
PK 260/20-75G	PK 262/20-75G	260	85	3.00-4	2	150	2.0/30	Plain bore	20	75	R01	B03
PK 260/25-75G	PK 262/25-75G	260	85	3.00-4	2	150	2.0/30	Plain bore	25	75	R01	B03
PK 260/20-75R	PK 262/20-75R	260	85	3.00-4	2	150	2.0/30	Roller brg.	20	75	R01	B03
PK 260/25-75R	PK 262/25-75R	260	85	3.00-4	2	150	2.0/30	Roller brg.	25	75	R01	B03
PK 260/20-75K	PK 262/20-75K	260	85	3.00-4	2	150	2.0/30	Ball brg.	20	75	R01	B03
PK 300/20-75G	PK 302/20-75G	300	100	4.00-4	2	180	2.0/30	Plain bore	20	75	R01	B02
PK 300/25-75G	PK 302/25-75G	300	100	4.00-4	2	180	2.0/30	Plain bore	25	75	R01	B02
PK 300/20-75R	PK 302/20-75R	300	100	4.00-4	2	180	2.0/30	Roller brg.	20	75	R01	B02
PK 300/25-75R	PK 302/25-75R	300	100	4.00-4	2	180	2.0/30	Roller brg.	25	75	R01	B02
PK 300/20-75K	PK 302/20-75K	300	100	4.00-4	2	180	2.0/30	Ball brg.	20	75	R01	B02
PK 400/20-75G	PK 402/20-75G	400	100	4.00-8	2	250	2.0/30	Plain bore	20	75	R01	B07
PK 400/25-75G	PK 402/25-75G	400	100	4.00-8	2	250	2.0/30	Plain bore	25	75	R01	B07
PK 400/20-75R	PK 402/20-75R	400	100	4.00-8	2	250	2.0/30	Roller brg.	20	75	R01	B07
PK 400/25-75R	PK 402/25-75R	400	100	4.00-8	2	250	2.0/30	Roller brg.	25	75	R01	B07

\* Refer to image on page 198

### Options



	With non-marking grey tyre	Red centre	Puncture-proof soft rubber wheels
Technical description page	38		44
Product code suffix	-SG	-ROT	VWPP series
Available for	wheel Ø 200-260 mm	wheel Ø 260-400 mm	refer to page 156



## Pneumatic tyres profiles

✓RoHS

### Ribbed profile

6



R01



R02

### Zig-zag profile



B01



B02



B03



B04



B05



B06



B07



B08



B09






## Heavy duty wheels and castors with super-elastic solid rubber tyres

7



## Table of Contents

	<b>VLE</b>			<b>L</b>	<b>LS</b>
	Series	VLE	L-VLE	LS-VLE	
	Wheel Ø	250 - 525 mm	250 mm	250 - 525 mm	
	Load capacity	450 - 1885 kg	450 kg	450 - 1885 kg	
	<b>Page</b>	<b>202</b>	<b>203</b>	<b>204</b>	

Series: VLE

## Heavy duty wheels with super-elastic solid rubber tyres, with pressed steel rim

450 - 1885 kg

RoHS



<b>Tread &amp; tyre hardness</b>		70° shore A
<b>Temperature resistance</b>		-25° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>		good
<b>Operating noise</b>		very good
<b>Floor surface preservation</b>		very good

**VLE-wheel series:**

**Tyres:** Made of super-elastic solid rubber, tough and hard rubber core, steel-wire reinforced, very high operational comfort, very good floor preservation, colour black.  
 Wheel Ø 250-306 mm: 2-component tyre, super-elastic, abrasion-resistant tread.  
 Wheel Ø 405-525 mm: 3-component tyre, super-elastic cushion layer, abrasion-resistant tread. (Material description page 38)  
**Rims:** Made of heavy pressed steel, bolted, with welded tubular steel hub or reinforced rim version, zinc-plated, blue-passivated, Cr6-free.

**Bearing type:**

• Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

**Other features:**

Chemical resistance to many aggressive substances, except oils (table page 36-37).  
 Operating temperature: -25° C to +80° C, temporarily up to +100° C.  
 At ambient temperatures above +60° C the load capacity is reduced.

An alternative to pneumatic tyres - Advantages: Puncture-proof, maintenance-free under standard conditions, good stability, precise steering behaviour.

**Wheel series overview page 46**

With a reduced load capacity, max. speeds of up to 25 km/h are permissible.

7

Wheels with ribbed profile	Wheels with zig-zag profile	Wheel Ø * (D) [mm]	Tyre width * (T2) [mm]	Tyre dimension	Rim dimension	Load cap. at 6 km/h [kg]	Load cap. at 25 km/h [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Profile ribbed profile **	Profile zig-zag profile **
VLE 250/20-75K	VLE 255/20-75K	250	85	3.00-4	2.50C-4	450	400	Ball bearing	20	75	R50	B51
VLE 250/25-75K	VLE 255/25-75K	250	85	3.00-4	2.50C-4	450	400	Ball bearing	25	75	R50	B51
VLE 252/25-75K ***	VLE 257/25-75K ***	250	85	3.00-4	2.50C-4	600	475	Ball bearing	25	75	R50	B51
VLE 305/20-75K	VLE 310/20-75K	306	105	4.00-4	2.50C-4	450	400	Ball bearing	20	75	R50	B50
VLE 305/25-75K	VLE 310/25-75K	306	105	4.00-4	2.50C-4	450	400	Ball bearing	25	75	R50	B50
VLE 307/25-75K ***	VLE 312/25-75K ***	306	105	4.00-4	2.50C-4	700	535	Ball bearing	25	75	R50	B50
VLE 405/25-90K	VLE 410/25-90K	405	105	4.00-8	3.00D-8	950	730	Ball bearing	25	90	R50	B50
VLE 405/30-90K	VLE 410/30-90K	405	105	4.00-8	3.00D-8	950	730	Ball bearing	30	90	R50	B50
	VLE 460/30-90K	455	120	5.00-8	3.00D-8	1415	1090	Ball bearing	30	90	R50	B50
	VLE 530/45-120K	525	140	6.00-9	4.00E-9	1885	1450	Ball bearing	45	120	R50	B50

\* Wheel and tyre dimensions are valid for unloaded, new tyres and may slightly change during operation

\*\* Refer to image on page 205

\*\*\* Reinforced rim version

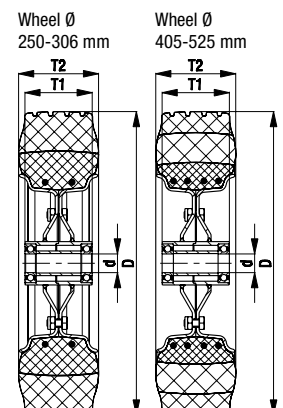
Further dimensions upon request

**Options**



	With non-marking tyre ****	Antistatic version, black tyre	Wheel with hub cap (end wheel)	Hub fitting wheels	Further versions
Technical description page	38	36, 38	85	58	
<b>Product code suffix</b>	<b>-SN</b>	<b>-AS</b>	<b>-E</b>	<b>VLEA series</b>	
Available for	upon request	upon request	upon request	refer to page 471	upon request

\*\*\*\* Wheel Ø 250 mm non-marking grey, others non-marking natural colour

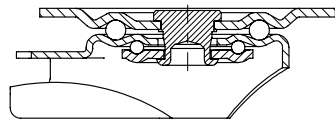


Series: L-VLE, B-VLE

**Pressed steel castors, medium duty brackets, with top plate fitting, heavy duty wheel with super-elastic solid rubber tyre**

450 kg

RoHS



**Brackets:** L/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** VLE series - Tyres: 2-component tyres with hard rubber core and super-elastic, abrasion-resistant tread, black. Rims: Made of heavy pressed steel, bolted (flat based rim), with tubular steel hub, zinc-plated, blue-passivated, Cr6-free. Bearing type: Two pressed-in ball bearings. Detailed description: Page 202 and 46



7

Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]	Profile *
L-VLE 250K	B-VLE 250K	L-VLE 250K-ST	250	85	450	Ball bearing	295	175 x 175	140 x 140	15	70	R50
L-VLE 255K		L-VLE 255K-ST	250	85	450	Ball bearing	295	175 x 175	140 x 140	15	70	B51
	B-VLE 255K		250	85	450	Ball bearing	295	220 x 120	140 x 140	15		B51

\* R = Ribbed profile, B = Zig-zag profile, refer to image on page 205

**Options**



	With non-marking tyre	Antistatic version, black tyre
Technical description page	38	36, 38
Product code suffix	-SN	-AS
Available for	upon request	upon request

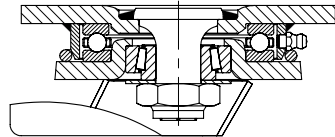


Series: LS-VLE, BS-VLE

## Welded steel heavy duty castors, strong swivel head design, heavy duty wheel with super-elastic solid rubber tyre

450 - 1885 kg

RoHS



7



**Brackets:** LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle.  
Zinc-plated, yellow-passivated, Cr6-free.  
Bracket overview: Page 68  
Top plate drawings: Page 78  
Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** VLE series - Tyres: With hard rubber core, black. Wheel Ø 250-306 mm: 2-component tyres, super-elastic, abrasion-resistant tread. Wheel Ø 405-525 mm: 3-component tyres, super-elastic cushion layer, abrasion-resistant tread. Rims: Made of heavy pressed steel, bolted (flat based rim), with tubular steel hub or reinforced rim version, zinc-plated, blue-passivated, Cr6-free.  
Bearing type: Two pressed-in ball bearings.  
Detailed description: Page 202 and 46

Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]	Profile *
LS-VLE 250K	BS-VLE 250K	LS-VLE 250K-ST	250	85	450	Ball bearing	305	175 x 140	140 x 105	14	75	R50
LS-VLE 255K	BS-VLE 255K	LS-VLE 255K-ST	250	85	450	Ball bearing	305	175 x 140	140 x 105	14	75	B51
LS-VLE 252K **	BS-VLE 252K **	LS-VLE 252K-ST **	250	85	600	Ball bearing	305	175 x 140	140 x 105	14	75	R50
LS-VLE 257K **	BS-VLE 257K **	LS-VLE 257K-ST **	250	85	600	Ball bearing	305	175 x 140	140 x 105	14	75	B51
LS-VLE 305K	BS-VLE 305K	***	306	105	450	Ball bearing	358	200 x 160	160 x 120	14	85	R50
LS-VLE 310K	BS-VLE 310K	***	306	105	450	Ball bearing	358	200 x 160	160 x 120	14	85	B50
LS-VLE 307K **	BS-VLE 307K **	***	306	105	700	Ball bearing	358	200 x 160	160 x 120	14	85	R50
LS-VLE 312K **	BS-VLE 312K **	***	306	105	700	Ball bearing	358	200 x 160	160 x 120	14	85	B50
LS-VLE 405K	BS-VLE 405K	***	405	105	950	Ball bearing	473	200 x 160	160 x 120	14	100	R50
LS-VLE 410K	BS-VLE 410K	***	405	105	950	Ball bearing	473	200 x 160	160 x 120	14	100	B50
LS-VLE 460K	BS-VLE 460K	***	455	120	1415	Ball bearing	518	200 x 160	160 x 120	14	110	B50
LS-VLE 530K	BS-VLE 530K	***	525	140	1885	Ball bearing	618	255 x 200	210 x 160	18	120	B50
			525	140	1885	Ball bearing	618	255 x 220	210 x 160	18		B50

\* R = Ribbed profile, B = Zig-zag profile, refer to image on page 205

\*\* Reinforced rim version

\*\*\* For the 'Radstop' brake version refer to 'Options'

### Options



	With non-marking tyre ****	Antistatic version, black tyre	With 'Radstop' wheel brake	With directional lock 2 x 180°	With directional lock 4 x 90°
Technical description page	36	36, 38	81	83	83
Product code suffix	-SN	-AS	-RA	-RI2	-RI4
Available for	upon request	upon request	upon request	wheel Ø 250-455 mm	wheel Ø 250-455 mm

\*\*\*\* Wheel Ø 250 mm non-marking grey, others non-marking natural colour

## Super-elastic solid rubber tyres profiles

✓RoHS

### Ribbed profile



R50

### Zig-zag profile



B50














B51

## Wheels and castors with injection-moulded polyurethane tread



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## Table of Contents

		LE	LER	L	LK	LKR	LU	LH
	<b>PATH</b>							
	Series	PATH	LE-PATH	LER-PATH	L-PATH	LK-PATH		
	Wheel Ø	80 - 200 mm	80 - 200 mm	80 - 200 mm	80 - 200 mm	80 - 200 mm		
	Load capacity	150 - 500 kg	150 - 300 kg	150 - 300 kg	150 - 400 kg	150 - 500 kg		
<b>Page</b>	<b>208</b>	<b>209</b>	<b>210</b>	<b>211</b>	<b>212</b>			
	<b>POTH</b>							
	Series	POTH		L-POTH	LK-POTH	LKR-POTH	LU-POTH	LH-POTH
	Wheel Ø	75 - 250 mm		100 - 250 mm	75 - 200 mm	75 - 125 mm	125 - 200 mm	75 - 250 mm
	Load capacity	200 - 1000 kg		200 - 500 kg	200 - 600 kg	200 - 350 kg	350 - 750 kg	200 - 900 kg
<b>Page</b>	<b>213</b>			<b>214</b>	<b>215</b>	<b>216</b>	<b>217</b>	<b>218/219</b>

Series: PATH

## Wheels with thermoplastic polyurethane tread, with nylon wheel centre

150 - 500 kg

RoHS



<b>Tread &amp; tyre hardness</b>	94° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

### PATH-wheel series:

**Tread:** Made of high-quality thermoplastic polyurethane, 94° shore A hardness, low-noise operation, low rolling and swivel resistance, good floor preservation, high abrasion resistance, colour dark grey, non-marking, non-staining, chemically bonded for an inseparable connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of high-quality, impact-resistant nylon, colour silver grey.

### Bearing types:

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected nylon, wheel Ø 80-125 mm with integrated synthetic thread guard, lubricated with long-life grease.

### Other features:

Very high chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +35° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 42**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PATH 80/12G	80	32	150	Plain bore	12	35
PATH 80/8K-FK	80	32	150	Ball bearing (C)	8	36
PATH 100/12G	100	32	200	Plain bore	12	45
PATH 100/8K-FK	100	32	200	Ball bearing (C)	8	46
PATH 100/10K-FK	100	32	200	Ball bearing (C)	10	46
PATH 125/12G	125	32	250	Plain bore	12	45
PATH 125/8K-FK	125	32	250	Ball bearing (C)	8	46
PATH 125/10K-FK	125	32	250	Ball bearing (C)	10	46
PATH 160/20G	160	40	400	Plain bore	20	60
PATH 160/20R	160	40	400	Roller bearing	20	60
PATH 160/20K	160	40	400	Ball bearing (C)	20	60
PATH 200/20G	200	40	500	Plain bore	20	60
PATH 200/20R	200	40	500	Roller bearing	20	60
PATH 200/20K	200	40	500	Ball bearing (C)	20	60

For further dimensions refer to page 99

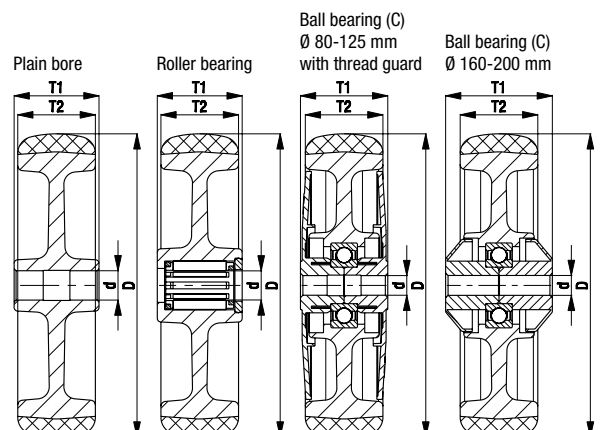
### Options \*



Image	Electrically conductive version, non-marking grey **	Wheel with additional ball bearing seals
Image plain bore version		
Technical description page	36, 39	61
<b>Product code suffix</b>	<b>-ELS</b>	<b>-KD</b>
Available for	all ball bearing versions	all ball bearing versions

\* **Additional options:** Stainless steel roller bearing (-XR), available for wheel Ø 160 - 200 mm (technical description page 60)

\*\* Load capacity is reduced by 35 %



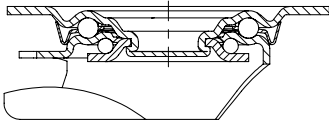
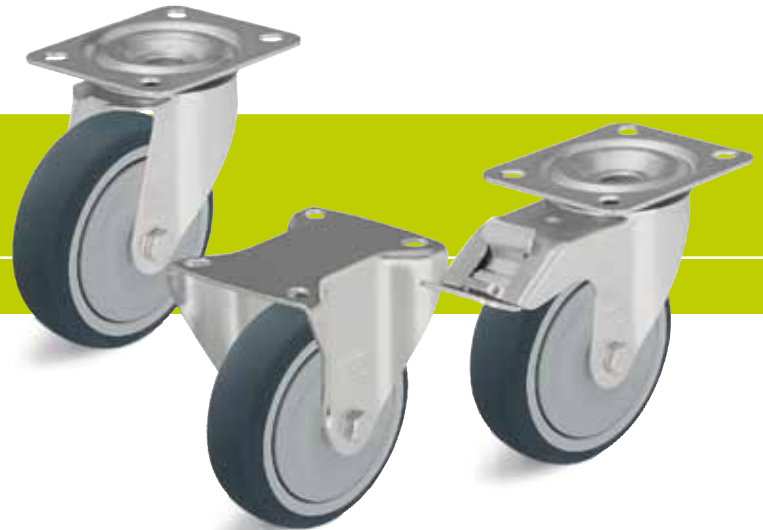


Series: LE-PATH, B-PATH

**Pressed steel castors with top plate fitting, wheel with thermoplastic polyurethane tread**

150 - 300 kg

RoHS



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 64 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PATH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining. Wheel centre: Made of high-quality, impact-resistant nylon, silver grey. Bearing types: Plain bore, roller bearing or a centrally encapsulated ball bearing (C). Ball bearing (C) for wheel Ø 80-125 mm with synthetic thread guard as standard. Detailed description: Page 208 and 42



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-PATH 80G	B-PATH 80G	LE-PATH 80G-FI	80	32	150	Plain bore	102	100 x 85	80 x 60	9	38
LE-PATH 80K-FK	B-PATH 80K-FK	LE-PATH 80K-FI-FK	80	32	150	Ball bearing (C)	102	100 x 85	80 x 60	9	38
LE-PATH 100G	B-PATH 100G	LE-PATH 100G-FI	100	32	150	Plain bore	125	100 x 85	80 x 60	9	36
LE-PATH 100K-FK	B-PATH 100K-FK	LE-PATH 100K-FI-FK	100	32	150	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-PATH 125G	B-PATH 125G	LE-PATH 125G-FI	125	32	150	Plain bore	150	100 x 85	80 x 60	9	40
LE-PATH 125K-FK	B-PATH 125K-FK	LE-PATH 125K-FI-FK	125	32	150	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LE-PATH 160G	B-PATH 160G	LE-PATH 160G-FI	160	40	300	Plain bore	195	140 x 110	105 x 75-80	11	54
LE-PATH 160R	B-PATH 160R	LE-PATH 160R-FI	160	40	300	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-PATH 160K	B-PATH 160K	LE-PATH 160K-FI	160	40	300	Ball bearing (C)	195	140 x 110	105 x 75-80	11	54
LE-PATH 200G	B-PATH 200G	LE-PATH 200G-FI	200	40	300	Plain bore	235	140 x 110	105 x 75-80	11	54
LE-PATH 200R	B-PATH 200R	LE-PATH 200R-FI	200	40	300	Roller bearing	235	140 x 110	105 x 75-80	11	54
LE-PATH 200K	B-PATH 200K	LE-PATH 200K-FI	200	40	300	Ball bearing (C)	235	140 x 110	105 x 75-80	11	54

For stainless steel versions refer to page 362

**Options \***



	Image plain bore version	Electrically conductive version, non-marking grey **	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro fit) 1 x 360° ***	With synthetic foot guard	With stainless steel axle tube in the wheel hub
Technical description page		36, 39	80	81	83	84	85
Product code suffix		-ELS	-ST	-CS11	RI-03.01 / RI-03.03	-FP	-XA
Available for		all ball bearing versions	wheel Ø 160-200 mm	wheel Ø 160-200 mm	RI-03.01: Ø 100-125 RI-03.03: Ø 160-200	wheel Ø 125 mm upon request	plain bore versions upon request

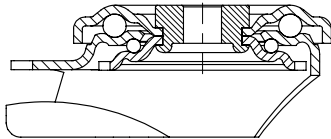
\* **Additional options:** Stainless steel roller bearing (-XR) or wheel with additional ball bearing seals (-KD), available upon request (technical description page 60 and 61)  
 \*\* Load capacity is reduced by 35 %  
 \*\*\* Only for swivel castors without brake

Series: LER-PATH

## Pressed steel castors with bolt hole fitting, wheel with thermoplastic polyurethane tread

150 - 300 kg

RoHS



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PATH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining. Wheel centre: Made of high-quality, impact-resistant nylon, silver grey. Bearing types: Plain bore, roller bearing or a centrally encapsulated ball bearing (C). Ball bearing (C) for wheel Ø 80-125 mm with synthetic thread guard as standard. Detailed description: Page 208 and 42

8



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LER-PATH 80G	LER-PATH 80G-FI	80	32	150	Plain bore	102	70	13	38
LER-PATH 80K-FK	LER-PATH 80K-FI-FK	80	32	150	Ball bearing (C)	102	70	13	38
LER-PATH 100G	LER-PATH 100G-FI	100	32	150	Plain bore	125	70	13	36
LER-PATH 100K-FK	LER-PATH 100K-FI-FK	100	32	150	Ball bearing (C)	125	70	13	36
LER-PATH 125G	LER-PATH 125G-FI	125	32	150	Plain bore	150	70	13	40
LER-PATH 125K-FK	LER-PATH 125K-FI-FK	125	32	150	Ball bearing (C)	150	70	13	40
LER-PATH 160G	LER-PATH 160G-FI	160	40	300	Plain bore	195	88	13	54
LER-PATH 160R	LER-PATH 160R-FI	160	40	300	Roller bearing	195	88	13	54
LER-PATH 160K	LER-PATH 160K-FI	160	40	300	Ball bearing (C)	195	88	13	54
LER-PATH 200G	LER-PATH 200G-FI	200	40	300	Plain bore	235	88	13	54
LER-PATH 200R	LER-PATH 200R-FI	200	40	300	Roller bearing	235	88	13	54
LER-PATH 200K	LER-PATH 200K-FI	200	40	300	Ball bearing (C)	235	88	13	54

For stainless steel versions refer to page 363

### Options



	Image plain bore version	Electrically conductive version, non-marking grey *	With synthetic foot guard	With stainless steel axle tube in the wheel hub	With stainless steel roller bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page		36, 39	84	85	60	61
Product code suffix		-ELS	-FP	-XA	-XR	-KD
Available for		all ball bearing versions	wheel Ø 125 mm upon request	plain bore versions upon request	upon request	upon request

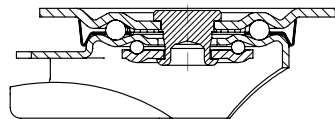
\* Load capacity is reduced by 35 %

Series: L-PATH, B-PATH

**Pressed steel castors, medium duty brackets, with top plate fitting, wheel with thermoplastic polyurethane tread**

150 - 400 kg

RoHS



**Brackets:** L/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160-200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PATH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining. Wheel centre: Made of high-quality, impact-resistant nylon, silver grey. Bearing types: Plain bore, roller bearing or a centrally encapsulated ball bearing (C). Ball bearing (C) for wheel Ø 80-125 mm with synthetic thread guard as standard. Detailed description: Page 208 and 42

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-PATH 80G	B-PATH 80G	L-PATH 80G-FI	80	32	150	Plain bore	102	100 x 85	80 x 60	9	38
L-PATH 80K-FK	B-PATH 80K-FK	L-PATH 80K-FI-FK	80	32	150	Ball bearing (C)	102	100 x 85	80 x 60	9	38
L-PATH 100G	B-PATH 100G	L-PATH 100G-FI	100	32	200	Plain bore	125	100 x 85	80 x 60	9	36
L-PATH 100K-FK	B-PATH 100K-FK	L-PATH 100K-FI-FK	100	32	200	Ball bearing (C)	125	100 x 85	80 x 60	9	36
L-PATH 125G	B-PATH 125G	L-PATH 125G-FI	125	32	200	Plain bore	150	100 x 85	80 x 60	9	40
L-PATH 125K-FK	B-PATH 125K-FK	L-PATH 125K-FI-FK	125	32	200	Ball bearing (C)	150	100 x 85	80 x 60	9	40
L-PATH 160G	B-PATH 160G	L-PATH 160G-FI	160	40	400	Plain bore	195	140 x 110	105 x 75-80	11	60
L-PATH 160R	B-PATH 160R	L-PATH 160R-FI	160	40	400	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-PATH 160K	B-PATH 160K	L-PATH 160K-FI	160	40	400	Ball bearing (C)	195	140 x 110	105 x 75-80	11	60
L-PATH 200G	B-PATH 200G	L-PATH 200G-FI	200	40	400	Plain bore	235	140 x 110	105 x 75-80	11	65
L-PATH 200R	B-PATH 200R	L-PATH 200R-FI	200	40	400	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-PATH 200K	B-PATH 200K	L-PATH 200K-FI	200	40	400	Ball bearing (C)	235	140 x 110	105 x 75-80	11	65



Options *	Image ball bearing version (C) Ø 80-125 mm	Electrically conductive version, non-marking grey **	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro fit) 1 x 360° ***	With synthetic (-FP) or steel (-FS) foot guard	With stainless steel axle tube in the wheel hub
Technical description page		36, 39	80	81	83	84	85
Product code suffix		-ELS	-ST	-CS11	RI-03.01 / RI-05.03	-FP / -FS	-XA
Available for		all ball bearing versions	all sizes	wheel Ø 160-200 mm	RI-03.01: Ø 100-125 RI-05.03: Ø 160-200	upon request	plain bore versions upon request

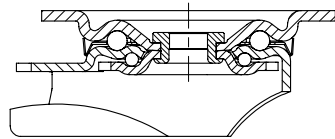
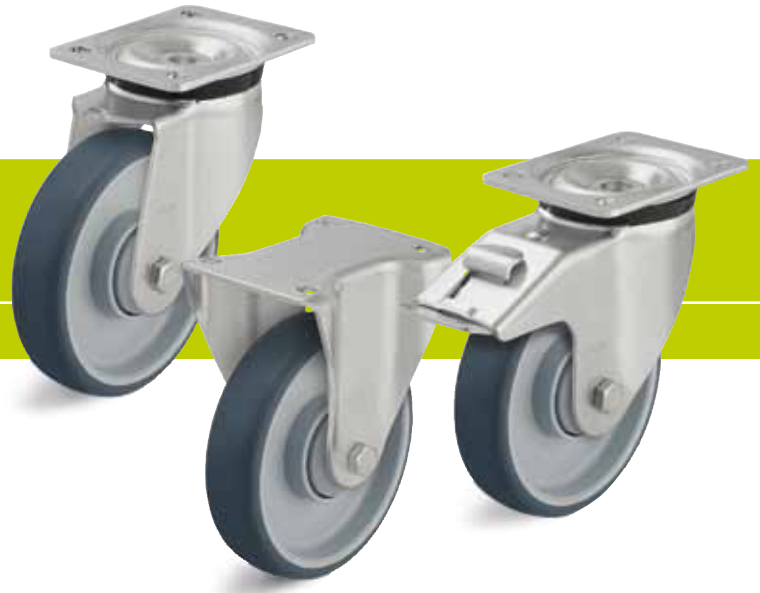
\* Additional options: Stainless steel roller bearing (-XR) or wheel with additional ball bearing seals (-KD), available upon request (technical description page 60 and 61)  
 \*\* Load capacity is reduced by 35 %  
 \*\*\* Only for swivel castors without brake

Series: LK-PATH, BK-PATH, BH-PATH

## Pressed steel castors, medium heavy duty brackets, with top plate fitting, wheel with thermoplastic polyurethane tread

 150 - 500 kg

 RoHS



**Brackets:** LK/BK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160-200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PATH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining. Wheel centre: Made of high-quality, impact-resistant nylon, silver grey. Bearing types: Plain bore, roller bearing or a centrally encapsulated ball bearing (C). Ball bearing (C) for wheel Ø 100-125 mm with synthetic thread guard as standard. Detailed description: Page 208 and 42

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Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-PATH 80G	BK-PATH 80G	LK-PATH 80G-FI	80	32	150	Plain bore	110	100 x 85	80 x 60	9	40
LK-PATH 80K	BK-PATH 80K	LK-PATH 80K-FI	80	32	150	Ball bearing (C)	110	100 x 85	80 x 60	9	40
LK-PATH 100K-1-FK	BK-PATH 100K-1-FK	LK-PATH 100K-1-FI-FK	100	32	200	Ball bearing (C)	130	100 x 85	80 x 60	9	45
LK-PATH 100K-3-FK	BK-PATH 100K-3-FK	LK-PATH 100K-3-FI-FK	100	32	200	Ball bearing (C)	130	140 x 110	105 x 75-80	11	45
LK-PATH 125K-1-FK	BK-PATH 125K-1-FK	LK-PATH 125K-1-FI-FK	125	32	250	Ball bearing (C)	155	100 x 85	80 x 60	9	48
LK-PATH 125K-3-FK	BK-PATH 125K-3-FK	LK-PATH 125K-3-FI-FK	125	32	250	Ball bearing (C)	155	140 x 110	105 x 75-80	11	48
LK-PATH 160G	BH-PATH 160G	LK-PATH 160G-FI	160	40	400	Plain bore	202	140 x 110	105 x 75-80	11	63
LK-PATH 160R	BH-PATH 160R	LK-PATH 160R-FI	160	40	400	Roller bearing	202	140 x 110	105 x 75-80	11	63
LK-PATH 160K	BH-PATH 160K	LK-PATH 160K-FI	160	40	400	Ball bearing (C)	202	140 x 110	105 x 75-80	11	63
LK-PATH 200G	BH-PATH 200G	LK-PATH 200G-FI	200	40	500	Plain bore	245	140 x 110	105 x 75-80	11	65
LK-PATH 200R	BH-PATH 200R	LK-PATH 200R-FI	200	40	500	Roller bearing	245	140 x 110	105 x 75-80	11	65
LK-PATH 200K	BH-PATH 200K	LK-PATH 200K-FI	200	40	500	Ball bearing (C)	245	140 x 110	105 x 75-80	11	65

### Options \*



	Image ball bearing version (C) Ø 100-125 mm	Electrically conductive version, non-marking grey **	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttt. height +17mm ***	Directional lock (retro-fit) 1 x 360°	With steel foot guard
Technical description page		36, 39	80	81	80	83	84
Product code suffix		-ELS	-ST	-CS11	-IS	refer to ****	-FS
Available for		all ball bearing versions	all sizes	wheel Ø 100-125 mm	Ø 100-200 mm with plate 140x110 mm	for wheel Ø and plate dim. refer to ****	wheel Ø 160-200 mm upon request

\* **Additional options:** 1. Stainless steel axle tube (-XA), available for plain bore upon request; 2. Stainless steel roller brg. (-XR) or wheel with additional ball bearing seals (-KD), upon request  
 \*\* Load capacity is reduced by 35 % \*\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**  
 \*\*\*\* **RI-05.01** for wheel Ø 80-125 mm with plate 100x85 mm, **RI-03.03** for wheel Ø 100-125 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 160-200 mm (only for swivel castors without brake)



Series: POTH

## Wheels with polyurethane tread, with heavy nylon wheel centre

200 - 1000 kg

RoHS



<b>Tread &amp; tyre hardness</b>	94° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

### POTH-wheel series:

**Tread:** Made of high-quality thermoplastic polyurethane, 94° shore A hardness, high operational comfort, low-noise operation, low rolling and swivel resistance, good floor preservation, high abrasion resistance, colour dark grey, non-marking, non-staining, chemically bonded for an inseparable connection with the wheel centre. (Material description page 39)

**Wheel centre:** Made of high-quality, impact-resistant nylon, colour natural white.

### Bearing types:

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected nylon, lubricated with long-life grease.

### Other features:

Very high chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +35° C the load capacity is reduced.

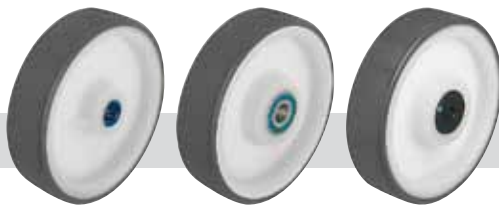
Maintenance-free under standard conditions.

**Wheel series overview page 47**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POTH 75/15G	75	37	200	Plain bore	15	45
POTH 75/15R	75	37	200	Roller bearing	15	45
POTH 100/12G	100	35	300	Plain bore	12	45
POTH 100/15G	100	35	300	Plain bore	15	45
POTH 100/12R	100	35	300	Roller bearing	12	45
POTH 100/15R	100	35	300	Roller bearing	15	45
POTH 100/8K	100	35	300	Ball bearing (C)	8	46
POTH 100/10K	100	35	300	Ball bearing (C)	10	46
POTH 100/15K	100	35	300	Ball bearing	15	45
POTH 125/12G	125	40	350	Plain bore	12	45
POTH 125/15G	125	40	350	Plain bore	15	45
POTH 125/12R	125	40	350	Roller bearing	12	45
POTH 125/15R	125	40	350	Roller bearing	15	45
POTH 125/8K	125	40	350	Ball bearing (C)	8	46
POTH 125/10K	125	40	350	Ball bearing (C)	10	46
POTH 125/15K	125	40	350	Ball bearing	15	45
POTH 150/20G	150	45	500	Plain bore	20	60
POTH 150/20R	150	45	500	Roller bearing	20	60
POTH 150/20K	150	45	500	Ball bearing	20	60
POTH 160/20G	160	45	550	Plain bore	20	60
POTH 160/20R	160	45	550	Roller bearing	20	60
POTH 160/20K	160	45	550	Ball bearing	20	60
POTH 200/20G	200	50	800	Plain bore	20	60
POTH 200/20R	200	50	800	Roller bearing	20	60
POTH 200/20K	200	50	800	Ball bearing	20	60
POTH 200/25K	200	50	800	Ball bearing	25	60
POTH 250/25G	250	50	1000	Plain bore	25	60
POTH 250/25K	250	50	1000	Ball bearing	25	60

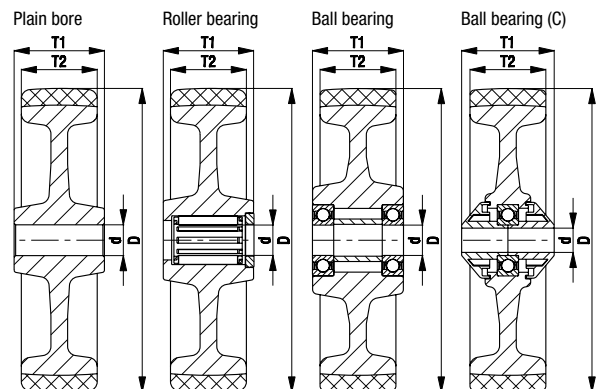
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### Options



	With stainless steel roller bearing in the wheel hub	With stainless steel ball bearing in the wheel hub	Wheel with additional ball bearing seals *
Technical description page	60	61	61
<b>Product code suffix</b>	<b>-XR</b>	<b>-XK</b>	<b>-KD</b>
Available for	all sizes	upon request	ball brg. (C) version, others upon request

\* With wheel Ø 160-200 mm, the axle bore Ø is reduced to 12 mm and the hub length is increased to 62 mm



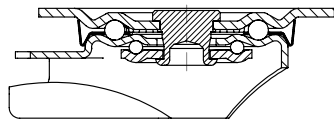


Series: L-POTH, B-POTH, BH-POTH

**Pressed steel castors, medium duty brackets, with top plate fitting, wheel with thermoplastic polyurethane tread**

200 - 500 kg

RoHS



**Brackets:** L/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 150-250 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 65  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POTH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.  
Wheel centre: Made of high-quality, impact-resistant nylon, natural white.  
Bearing types: Plain bore, roller bearing, two pressed-in ball bearings or a centrally encapsulated ball bearing (C).  
Detailed description: Page 213 and 47

8



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-POTH 100G	B-POTH 100G	L-POTH 100G-FI	100	35	200	Plain bore	125	100 x 85	80 x 60	9	36
L-POTH 100R	B-POTH 100R	L-POTH 100R-FI	100	35	200	Roller bearing	125	100 x 85	80 x 60	9	36
L-POTH 100K	B-POTH 100K	L-POTH 100K-FI	100	35	200	Ball bearing (C)	125	100 x 85	80 x 60	9	36
L-POTH 125G	B-POTH 125G	L-POTH 125G-FI	125	40	200	Plain bore	150	100 x 85	80 x 60	9	40
L-POTH 125R	B-POTH 125R	L-POTH 125R-FI	125	40	200	Roller bearing	150	100 x 85	80 x 60	9	40
L-POTH 125K	B-POTH 125K	L-POTH 125K-FI	125	40	200	Ball bearing (C)	150	100 x 85	80 x 60	9	40
L-POTH 150G	B-POTH 150G	L-POTH 150G-FI	150	45	400	Plain bore	190	140 x 110	105 x 75-80	11	60
L-POTH 150R	B-POTH 150R	L-POTH 150R-FI	150	45	400	Roller bearing	190	140 x 110	105 x 75-80	11	60
L-POTH 150K	B-POTH 150K	L-POTH 150K-FI	150	45	400	Ball bearing	190	140 x 110	105 x 75-80	11	60
L-POTH 160G	B-POTH 160G	L-POTH 160G-FI	160	45	400	Plain bore	195	140 x 110	105 x 75-80	11	60
L-POTH 160R	B-POTH 160R	L-POTH 160R-FI	160	45	400	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-POTH 160K	B-POTH 160K	L-POTH 160K-FI	160	45	400	Ball bearing	195	140 x 110	105 x 75-80	11	60
L-POTH 200G	B-POTH 200G	L-POTH 200G-FI	200	50	400	Plain bore	235	140 x 110	105 x 75-80	11	65
L-POTH 200R	B-POTH 200R	L-POTH 200R-FI	200	50	400	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-POTH 200K	B-POTH 200K	L-POTH 200K-FI	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-POTH 250G-3	BH-POTH 250G	*	250	50	500	Plain bore	295	140 x 110	105 x 75-80	11	77
L-POTH 250K-3	BH-POTH 250K	*	250	50	500	Ball bearing	295	140 x 110	105 x 75-80	11	77

\* For the 'stop-top' brake version refer to 'Options'  
For stainless steel versions refer to page 367

**Options \*\***



	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro fit) 1 x 360° ***	With synthetic (-FP) or steel (-FS) foot guard	With stainless steel axle tube in the wheel hub	With stainless steel roller bearing (-XR) / ball bearing (-XK)
Technical description page	84	80	81	83	84	85	60 / 61
Product code suffix	-FA	-ST	-CS11	RI-03.01 / RI-05.03	-FP / -FS	-XA	-XR / -XK
Available for	wheel Ø 100-200 mm	all sizes	wheel Ø 160-200 mm	RI-03.01: Ø 100-125 RI-05.03: Ø 150-200	upon request	plain bore versions upon request	upon request

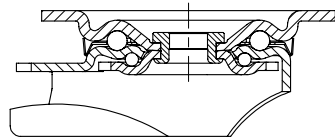
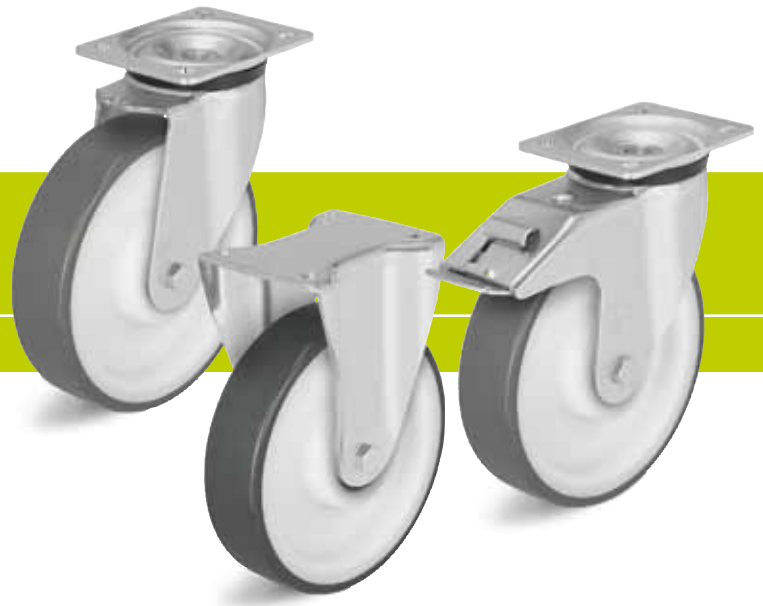
\*\* Additional options: Wheel with additional ball bearing seals (-KD), available upon request (technical description page 61)  
\*\*\* Only for swivel castors without brake

Series: LK-POTH, BK-POTH, BH-POTH

**Pressed steel castors, medium heavy duty brackets, with top plate fitting, wheel with thermoplastic polyurethane tread**

200 - 600 kg

RoHS



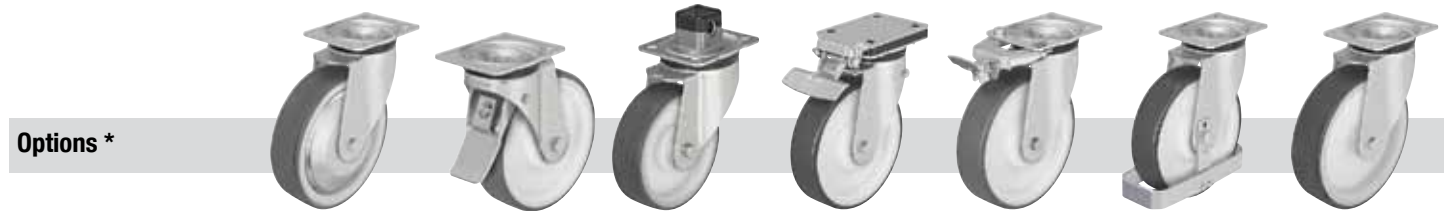
**Brackets:** LK/BK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel-Ø 150-200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POTH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining. Wheel centre: Made of high-quality, impact-resistant nylon, natural white. Bearing types: Plain bore, roller bearing, two pressed-in ball bearings or a centrally encapsulated ball bearing (C). Detailed description: Page 213 and 47



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-POTH 75G	BK-POTH 75G	LK-POTH 75G-FI	75	37	200	Plain bore	108	100 x 85	80 x 60	9	40
LK-POTH 75R	BK-POTH 75R	LK-POTH 75R-FI	75	37	200	Roller bearing	108	100 x 85	80 x 60	9	40
LK-POTH 100G-1	BK-POTH 100G-1	LK-POTH 100G-1-FI	100	35	300	Plain bore	130	100 x 85	80 x 60	9	45
LK-POTH 100R-1	BK-POTH 100R-1	LK-POTH 100R-1-FI	100	35	300	Roller bearing	130	100 x 85	80 x 60	9	45
LK-POTH 100K-1	BK-POTH 100K-1	LK-POTH 100K-1-FI	100	35	300	Ball bearing (C)	130	100 x 85	80 x 60	9	45
LK-POTH 100G-3	BK-POTH 100G-3	LK-POTH 100G-3-FI	100	35	300	Plain bore	130	140 x 110	105 x 75-80	11	45
LK-POTH 100R-3	BK-POTH 100R-3	LK-POTH 100R-3-FI	100	35	300	Roller bearing	130	140 x 110	105 x 75-80	11	45
LK-POTH 100K-3	BK-POTH 100K-3	LK-POTH 100K-3-FI	100	35	300	Ball bearing (C)	130	140 x 110	105 x 75-80	11	45
LK-POTH 125G-1	BK-POTH 125G-1	LK-POTH 125G-1-FI	125	40	350	Plain bore	155	100 x 85	80 x 60	9	48
LK-POTH 125R-1	BK-POTH 125R-1	LK-POTH 125R-1-FI	125	40	350	Roller bearing	155	100 x 85	80 x 60	9	48
LK-POTH 125K-1	BK-POTH 125K-1	LK-POTH 125K-1-FI	125	40	350	Ball bearing (C)	155	100 x 85	80 x 60	9	48
LK-POTH 125G-3	BK-POTH 125G-3	LK-POTH 125G-3-FI	125	40	350	Plain bore	155	140 x 110	105 x 75-80	11	48
LK-POTH 125R-3	BK-POTH 125R-3	LK-POTH 125R-3-FI	125	40	350	Roller bearing	155	140 x 110	105 x 75-80	11	48
LK-POTH 125K-3	BK-POTH 125K-3	LK-POTH 125K-3-FI	125	40	350	Ball bearing (C)	155	140 x 110	105 x 75-80	11	48
LK-POTH 150G	BH-POTH 150G	LK-POTH 150G-FI	150	45	500	Plain bore	197	140 x 110	105 x 75-80	11	63
LK-POTH 150R	BH-POTH 150R	LK-POTH 150R-FI	150	45	500	Roller bearing	197	140 x 110	105 x 75-80	11	63
LK-POTH 150K	BH-POTH 150K	LK-POTH 150K-FI	150	45	500	Ball bearing	197	140 x 110	105 x 75-80	11	63
LK-POTH 160K	BH-POTH 160K	LK-POTH 160K-FI	160	45	550	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-POTH 200G	BH-POTH 200G	LK-POTH 200G-FI	200	50	600	Plain bore	245	140 x 110	105 x 75-80	11	65
LK-POTH 200R	BH-POTH 200R	LK-POTH 200R-FI	200	50	600	Roller bearing	245	140 x 110	105 x 75-80	11	65
LK-POTH 200K	BH-POTH 200K	LK-POTH 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65

For stainless steel versions refer to page 368



**Options \***

	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm **	Directional lock (retro-fit) 1 x 360°	With steel foot guard	With stainless steel axle tube in the wheel hub
Technical description page	84	80	81	80	83	84	85
Product code suffix	-FA	-ST	-CS11	-IS	refer to ***	-FS	-XA
Available for	wheel Ø 100-200 mm	all sizes	wheel Ø 100-125 mm	Ø 100, 125, 160, 200 with plate 140x110	for wheel Ø and plate dimensions refer to***	upon request	plain bore versions upon request

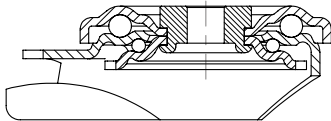
\* **Additional options:** Stainless steel roller bearing (-XR) or stainless steel ball bearing (-XK) in the wheel hub or wheel with additional ball bearing seals (-KD), available upon request  
 \*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**  
 \*\*\* **RI-05.01** for wheel Ø 75-125 mm with plate 100x85 mm, **RI-03.03** for wheel Ø 100-125 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 150-200 mm (only for swivel castors without brake)

Series: LKR-POTH

**Pressed steel castors, medium heavy duty brackets, with bolt hole fitting, wheel with thermoplastic polyurethane tread**

200 - 350 kg

RoHS



**Brackets:** LKR series - Made of heavy pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 66  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POTH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.  
Wheel centre: Made of high-quality, impact-resistant nylon, natural white.  
Bearing types: Plain bore, roller bearing or a centrally encapsulated ball bearing (C).  
Detailed description: Page 213 and 47

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Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LKR-POTH 75G	LKR-POTH 75G-FI	75	37	200	Plain bore	108	88	13	40
LKR-POTH 75R	LKR-POTH 75R-FI	75	37	200	Roller bearing	108	88	13	40
LKR-POTH 100G	LKR-POTH 100G-FI	100	35	300	Plain bore	130	88	13	45
LKR-POTH 100R	LKR-POTH 100R-FI	100	35	300	Roller bearing	130	88	13	45
LKR-POTH 100K	LKR-POTH 100K-FI	100	35	300	Ball bearing (C)	130	88	13	45
LKR-POTH 125G	LKR-POTH 125G-FI	125	40	350	Plain bore	155	88	13	48
LKR-POTH 125R	LKR-POTH 125R-FI	125	40	350	Roller bearing	155	88	13	48
LKR-POTH 125K	LKR-POTH 125K-FI	125	40	350	Ball bearing (C)	155	88	13	48

**Options**



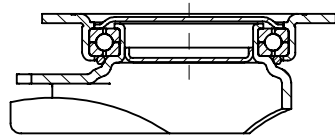
	With pressed steel thread guard, zinc-plated	With stainless steel axle tube in the wheel hub	With stainless steel roller bearing in the wheel hub	With stainless steel ball bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page	84	85	60	61	61
Product code suffix	-FA	-XA	-XR	-XK	-KD
Available for	wheel Ø 100-125 mm	plain bore versions upon request	upon request	upon request	upon request

Series: LU-POTH, BH-POTH

**Pressed steel castors, closed medium heavy duty brackets, with top plate fitting, wheel with thermoplastic polyurethane tread**

350 - 750 kg

RoHS



**Brackets:** LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview: Page 66

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

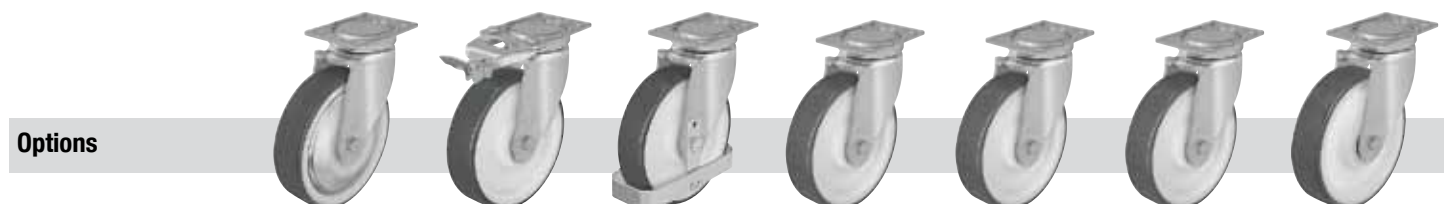
**Wheels:** POTH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.

Wheel centre: Made of high-quality, impact-resistant nylon, natural white.

Bearing types: Plain bore, roller bearing or two pressed-in ball bearings.

Detailed description: Page 213 and 47

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LU-POTH 125K	BH-POTH 125K	LU-POTH 125K-FI	125	40	350	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-POTH 150G	BH-POTH 150G	LU-POTH 150G-FI	150	45	500	Plain bore	197	140 x 110	105 x 75-80	11	61
LU-POTH 150R	BH-POTH 150R	LU-POTH 150R-FI	150	45	500	Roller bearing	197	140 x 110	105 x 75-80	11	61
LU-POTH 150K	BH-POTH 150K	LU-POTH 150K-FI	150	45	500	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-POTH 160G	BH-POTH 160G	LU-POTH 160G-FI	160	45	550	Plain bore	202	140 x 110	105 x 75-80	11	61
LU-POTH 160R	BH-POTH 160R	LU-POTH 160R-FI	160	45	550	Roller bearing	202	140 x 110	105 x 75-80	11	61
LU-POTH 160K	BH-POTH 160K	LU-POTH 160K-FI	160	45	550	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-POTH 200G	BH-POTH 200G	LU-POTH 200G-FI	200	50	750	Plain bore	245	140 x 110	105 x 75-80	11	63
LU-POTH 200R	BH-POTH 200R	LU-POTH 200R-FI	200	50	750	Roller bearing	245	140 x 110	105 x 75-80	11	63
LU-POTH 200K	BH-POTH 200K	LU-POTH 200K-FI	200	50	750	Ball bearing	245	140 x 110	105 x 75-80	11	63



**Options**

	With pressed steel thread guard, zinc-plated	Directional lock (retro fit) 1 x 360° *	With steel foot guard	With stainless steel axle tube in the wheel hub	With stainless steel roller bearing in the wheel hub	With stainless steel ball bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page	84	83	84	85	60	61	61
Product code suffix	-FA	RI-05.03	-FS	-XA	-XR	-XK	-KD
Available for	all sizes	all sizes	upon request	plain bore versions upon request	upon request	upon request	upon request

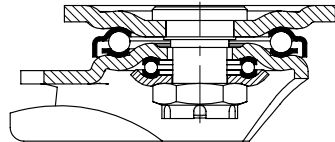
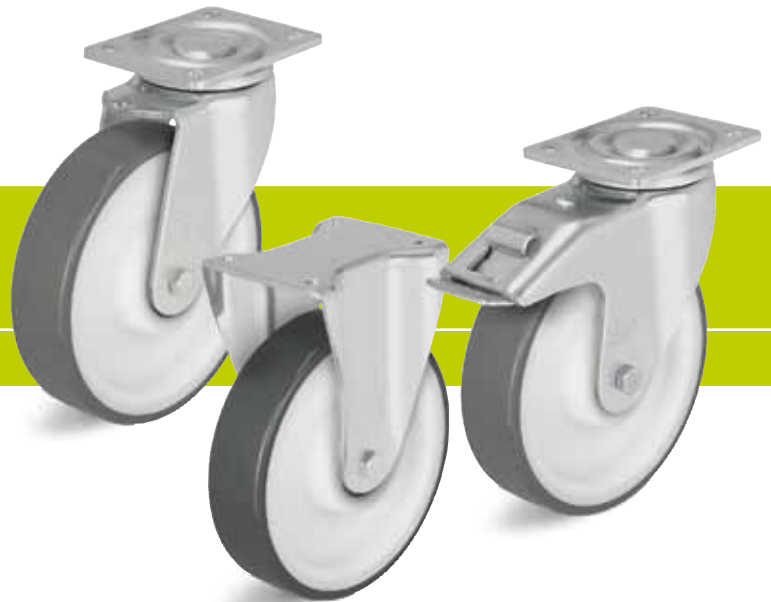
\* Only for swivel castors without brake

Series: LH-POTH, BH-POTH, wheel Ø 75 - 125 mm

**Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with thermoplastic polyurethane tread**

200 - 350 kg

RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 66  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POTH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.  
Wheel centre: Made of high-quality, impact-resistant nylon, natural white.  
Bearing types: Plain bore, roller bearing or two pressed-in ball bearings.  
Detailed description: Page 213 and 47



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Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-POTH 75G	BH-POTH 75G	LH-POTH 75G-FI	75	37	200	Plain bore	118	100 x 85	80 x 60	9	45
LH-POTH 75R	BH-POTH 75R	LH-POTH 75R-FI	75	37	200	Roller bearing	118	100 x 85	80 x 60	9	45
LH-POTH 100G-1	BH-POTH 100G-1	LH-POTH 100G-1-FI	100	35	300	Plain bore	140	100 x 85	80 x 60	9	45
LH-POTH 100R-1	BH-POTH 100R-1	LH-POTH 100R-1-FI	100	35	300	Roller bearing	140	100 x 85	80 x 60	9	45
LH-POTH 100K-1	BH-POTH 100K-1	LH-POTH 100K-1-FI	100	35	300	Ball bearing	140	100 x 85	80 x 60	9	45
LH-POTH 100G-3	BH-POTH 100G-3	LH-POTH 100G-3-FI	100	35	300	Plain bore	140	140 x 110	105 x 75-80	11	45
LH-POTH 100R-3	BH-POTH 100R-3	LH-POTH 100R-3-FI	100	35	300	Roller bearing	140	140 x 110	105 x 75-80	11	45
LH-POTH 100K-3	BH-POTH 100K-3	LH-POTH 100K-3-FI	100	35	300	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-POTH 125G-1	BH-POTH 125G-1	LH-POTH 125G-1-FI	125	40	350	Plain bore	165	100 x 85	80 x 60	9	45
LH-POTH 125R-1	BH-POTH 125R-1	LH-POTH 125R-1-FI	125	40	350	Roller bearing	165	100 x 85	80 x 60	9	45
LH-POTH 125K-1	BH-POTH 125K-1	LH-POTH 125K-1-FI	125	40	350	Ball bearing	165	100 x 85	80 x 60	9	45
LH-POTH 125G-3	BH-POTH 125G-3	LH-POTH 125G-3-FI	125	40	350	Plain bore	165	140 x 110	105 x 75-80	11	45
LH-POTH 125R-3	BH-POTH 125R-3	LH-POTH 125R-3-FI	125	40	350	Roller bearing	165	140 x 110	105 x 75-80	11	45
LH-POTH 125K-3	BH-POTH 125K-3	LH-POTH 125K-3-FI	125	40	350	Ball bearing	165	140 x 110	105 x 75-80	11	45

For further wheel Ø refer to the next page

**Options**



	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro-fit) 1 x 360° *	Directional lock (retro-fit) 1 x 360° *	With stainless steel axle tube in the wheel hub	With stainless steel roller bearing in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	84	80	83	83	85	60	61
Product code suffix	-FA	-ST	RI-04.01	RI-04.03	-XA	-XR	-XK
Available for	wheel Ø 100-125 mm	all sizes	wheel Ø 75-125 mm with plate 100x85	Ø 100-125 mm with plate 140x110	plain bore versions upon request	upon request	upon request

\* Only for swivel castors without brake

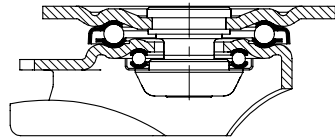


Series: LH-POTH, BH-POTH, wheel Ø 150 - 250 mm

**Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with thermoplastic polyurethane tread**

500 - 900 kg

RoHS



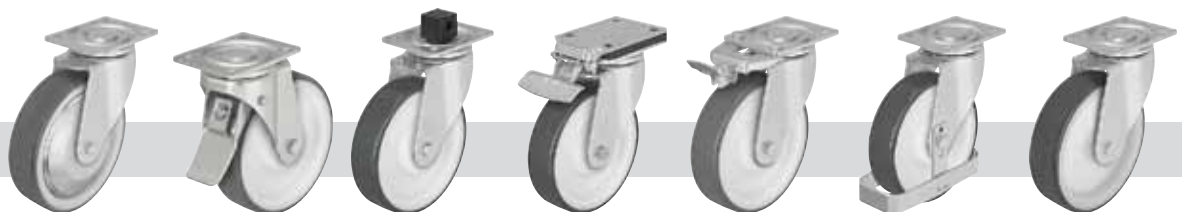
**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 66  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POTH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.  
Wheel centre: Made of high-quality, impact-resistant nylon, natural white.  
Bearing types: Plain bore, roller bearing or two pressed-in ball bearings.  
Detailed description: Page 213 and 47

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-POTH 150G	BH-POTH 150G	LH-POTH 150G-FI	150	45	500	Plain bore	197	140 x 110	105 x 75-80	11	65
LH-POTH 150R	BH-POTH 150R	LH-POTH 150R-FI	150	45	500	Roller bearing	197	140 x 110	105 x 75-80	11	65
LH-POTH 150K	BH-POTH 150K	LH-POTH 150K-FI	150	45	500	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-POTH 160G	BH-POTH 160G	LH-POTH 160G-FI	160	45	550	Plain bore	202	140 x 110	105 x 75-80	11	65
LH-POTH 160R	BH-POTH 160R	LH-POTH 160R-FI	160	45	550	Roller bearing	202	140 x 110	105 x 75-80	11	65
LH-POTH 160K	BH-POTH 160K	LH-POTH 160K-FI	160	45	550	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-POTH 200G	BH-POTH 200G	LH-POTH 200G-FI	200	50	800	Plain bore	245	140 x 110	105 x 75-80	11	70
LH-POTH 200R	BH-POTH 200R	LH-POTH 200R-FI	200	50	800	Roller bearing	245	140 x 110	105 x 75-80	11	70
LH-POTH 200K	BH-POTH 200K	LH-POTH 200K-FI	200	50	800	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-POTH 250G	BH-POTH 250G	*	250	65	900	Plain bore	295	140 x 110	105 x 75-80	11	82
LH-POTH 250K	BH-POTH 250K	*	250	65	900	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* For the 'stop-top' brake version refer to 'Options'

**Options \*\***



	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm ***	Directional lock (retro fit) 1 x 360° ****	With steel foot guard	With stainless steel axle tube in the wheel hub
Technical description page	84	80	81	80	83	84	85
Product code suffix	-FA	-ST	-CS13	-IS	RI-05.03	-FS	-XA
Available for	wheel Ø 150-200 mm	all sizes	wheel Ø 160-250 mm	wheel Ø 160-250 mm	wheel Ø 150-200 mm	upon request	plain bore versions upon request














\*\* **Additional options:** Stainless steel roller bearing (-XR) or stainless steel ball bearing (-XK) in the wheel hub, available upon request (technical description page 60 and 61)  
 \*\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**  
 \*\*\*\* Only for swivel castors without brake

## Heavy duty wheels and castors with cast polyurethane tread **Blickle Softhane**<sup>®</sup>



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## Table of Contents

		L	LK	LKR	LU	LH	LO	LS	LSD
	<b>ALST</b>								
	Series	ALST	L-ALST	LK-ALST	LKR-ALST	LU-ALST	LH-ALST	LO-ALST	
	Wheel Ø	80 - 300 mm	80 - 250 mm	80 - 200 mm	80 - 125 mm	125 - 200 mm	80 - 250 mm	125 - 250 mm	
	Load capacity	180 - 1150 kg	180 - 500 kg	230 - 600 kg	230 - 350 kg	450 - 700 kg	230 - 800 kg	450 - 800 kg	
Page	222	223	224	225	226	227	228		
	<b>GST</b>								
	Series	GST			LU-GST	LH-GST	LO-GST	LS-GST	LSD-GST
	Wheel Ø	125 - 300 mm			125 - 200 mm	125 - 250 mm	125 - 250 mm	125 - 300 mm	125 - 300 mm
	Load capacity	450 - 1800 kg			450 - 750 kg	450 - 900 kg	450 - 1200 kg	450 - 1800 kg	900 - 3600 kg
	Page	229			230	231	232	233	234

Series: ALST

## Heavy duty wheels with Blickle Softhane® polyurethane tread, with aluminium wheel centre

180 - 1150 kg

RoHS



<b>Tread &amp; tyre hardness</b>	75° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good



### ALST-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Softhane®, 75° shore A hardness, very high operational comfort due to an extremely thick, elastic tread, low-noise operation, low rolling resistance, very good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour green, non-marking, non-staining, very good chemical connection with the wheel centre. (Material description page 39)

**Wheel centre:** Made of die-cast aluminium.

#### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

#### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 47**

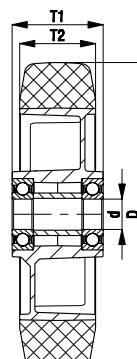
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALST 80/15K	80	30	180	Ball bearing	15	35
ALST 82/15K	80	40	230	Ball bearing	15	40
ALST 100/15K	100	40	300	Ball bearing	15	40
ALST 125/15K	125	40	350	Ball bearing	15	45
ALST 127/20K	125	54	450	Ball bearing	20	60
ALST 150/20K	150	54	500	Ball bearing	20	60
ALST 160/20K	160	50	550	Ball bearing	20	60
ALST 180/20K	180	50	600	Ball bearing	20	60
ALST 200/20K	200	50	700	Ball bearing	20	60
ALST 250/20K	250	50	800	Ball bearing	20	60
ALST 250/25K	250	50	800	Ball bearing	25	60
ALST 300/25K	300	60	1150	Ball bearing	25	70

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### Options



	Antistatic version, non-marking grey	With extra crowned running tread
Technical description page	36, 39	
Product code suffix	-AS	-CO
Available for	upon request	upon request

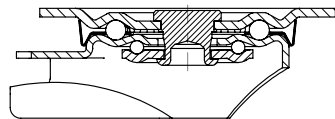


Series: L-ALST, B-ALST, BH-ALST

**Pressed steel castors, medium duty brackets, with top plate fitting, wheel with Blickle Softhane® polyurethane tread**

180 - 500 kg

RoHS



**Brackets:** L/B/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 150-250 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

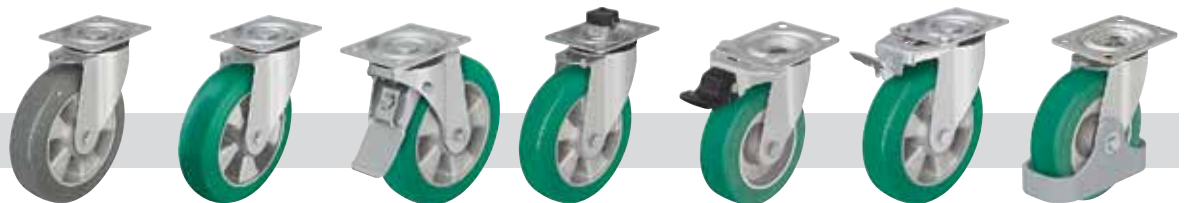
**Wheels:** ALST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 222 and 47



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-ALST 80K	B-ALST 80K	L-ALST 80K-FI	80	30	180	Ball bearing	102	100 x 85	80 x 60	9	38
L-ALST 100K	B-ALST 100K	L-ALST 100K-FI	100	40	200	Ball bearing	125	100 x 85	80 x 60	9	36
L-ALST 125K	B-ALST 125K	L-ALST 125K-FI	125	40	200	Ball bearing	150	100 x 85	80 x 60	9	40
L-ALST 150K	B-ALST 150K	L-ALST 150K-FI	150	54	400	Ball bearing	190	140 x 110	105 x 75-80	11	60
L-ALST 160K	B-ALST 160K	L-ALST 160K-FI	160	50	400	Ball bearing	195	140 x 110	105 x 75-80	11	60
L-ALST 180K	B-ALST 180K	L-ALST 180K-FI	180	50	400	Ball bearing	215	140 x 110	105 x 75-80	11	60
L-ALST 200K	B-ALST 200K	L-ALST 200K-FI	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-ALST 250K-3	BH-ALST 250K	*	250	50	500	Ball bearing	295	140 x 110	105 x 75-80	11	77

\* For the 'stop-top' brake version refer to 'Options'

**Options**



	Antistatic version, non-marking grey	With extra crowned running tread	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro fit) 1 x 360° **	Directional lock (retro fit) 1 x 360° **	With synthetic (-FP) or steel (-FS) foot guard
Technical description page	36, 39		80	81	83	83	84
Product code suffix	-AS	-CO	-ST	-CS11	RI-03.01	RI-05.03	-FP / -FS
Available for	upon request	upon request	all sizes	wheel Ø 160+200 mm	wheel Ø 100-125 mm	wheel Ø 150-200 mm	upon request

\*\* Only for swivel castors without brake

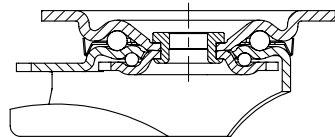


Series: LK-ALST, BK-ALST, BH-ALST

**Pressed steel castors, medium heavy duty brackets, with top plate fitting, wheel with Blickle Softhane® polyurethane tread**

230 - 600 kg

RoHS



**Brackets:** LK/BK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 125x54 - 200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

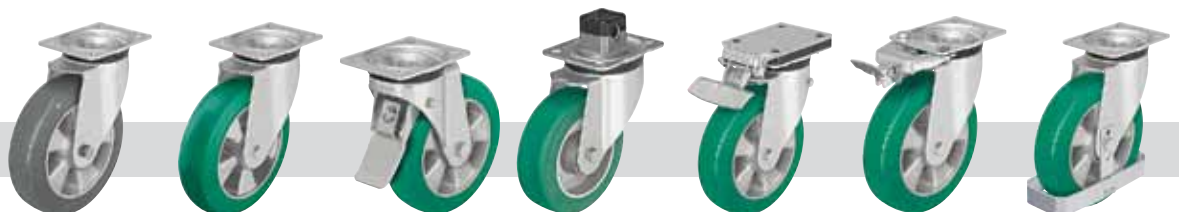
**Wheels:** ALST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 222 and 47



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Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-ALST 82K	BK-ALST 82K	LK-ALST 82K-FI	80	40	230	Ball bearing	110	100 x 85	80 x 60	9	40
LK-ALST 100K-1	BK-ALST 100K-1	LK-ALST 100K-1-FI	100	40	300	Ball bearing	130	100 x 85	80 x 60	9	45
LK-ALST 100K-3	BK-ALST 100K-3	LK-ALST 100K-3-FI	100	40	300	Ball bearing	130	140 x 110	105 x 75-80	11	45
LK-ALST 125K-1	BK-ALST 125K-1	LK-ALST 125K-1-FI	125	40	350	Ball bearing	155	100 x 85	80 x 60	9	48
LK-ALST 125K-3	BK-ALST 125K-3	LK-ALST 125K-3-FI	125	40	350	Ball bearing	155	140 x 110	105 x 75-80	11	48
LK-ALST 127K	BH-ALST 127K	LK-ALST 127K-FI	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LK-ALST 150K	BH-ALST 150K	LK-ALST 150K-FI	150	54	500	Ball bearing	197	140 x 110	105 x 75-80	11	63
LK-ALST 160K	BH-ALST 160K	LK-ALST 160K-FI	160	50	550	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-ALST 180K	BH-ALST 180K	LK-ALST 180K-FI	180	50	600	Ball bearing	223	140 x 110	105 x 75-80	11	65
LK-ALST 200K	BH-ALST 200K	LK-ALST 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65

**Options**



	Antistatic version, non-marking grey	With extra crowned running tread	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake tti. height +17mm *	Directional lock (retro-fit) 1 x 360°	With steel foot guard
Technical description page	36, 39		80	81	80	83	84
Product code suffix	-AS	-CO	-ST	-CS11	-IS	refer to **	-FS
Available for	upon request	upon request	all sizes	wheel Ø 100 - 125x40 mm	Ø 100, 125, 160, 200 with plate 140x110	for wheel Ø and plate dimensions refer to **	upon request

\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

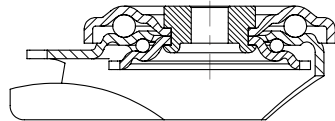
\*\* **RI-05.01** available for wheel Ø 80 - 125 mm with plate 100x85 mm, **RI-03.03** available for wheel Ø 100 - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x54 - 200 mm (only for swivel castors without brake)

Series: LKR-ALST

**Pressed steel castors, medium heavy duty brackets, with bolt hole fitting, wheel with Blickle Softhane® polyurethane tread**

230 - 350 kg

RoHS



**Brackets:** LKR series - Made of heavy pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 222 and 47



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LKR-ALST 82K	LKR-ALST 82K-FI	80	40	230	Ball bearing	110	88	13	40
LKR-ALST 100K	LKR-ALST 100K-FI	100	40	300	Ball bearing	130	88	13	45
LKR-ALST 125K	LKR-ALST 125K-FI	125	40	350	Ball bearing	155	88	13	48

**Options**



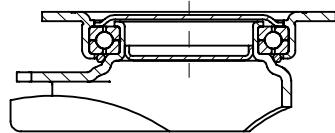
Antistatic version, non-marking grey	With extra crowned running tread
Technical description page	36, 39
Product code suffix	-AS      -CO
Available for	upon request      upon request

Series: LU-ALST, BH-ALST

**Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with Blickle Softhane® polyurethane tread**

450 - 700 kg

RoHS



**Brackets:** LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 222 and 47



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Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LU-ALST 127K	BH-ALST 127K	LU-ALST 127K-FI	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-ALST 150K	BH-ALST 150K	LU-ALST 150K-FI	150	54	500	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-ALST 160K	BH-ALST 160K	LU-ALST 160K-FI	160	50	550	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-ALST 200K	BH-ALST 200K	LU-ALST 200K-FI	200	50	700	Ball bearing	245	140 x 110	105 x 75-80	11	63

**Options**



	Antistatic version, non-marking grey	With extra crowned running tread	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	36, 39		83	84
Product code suffix	-AS	-CO	RI-05.03	-FS
Available for	upon request	upon request	all sizes	upon request

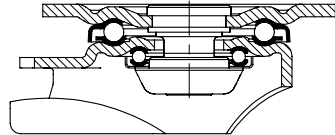
\* Only for swivel castors without brake

Series: LH-ALST, BH-ALST

**Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with Blickle Softhane® polyurethane tread**

230 - 800 kg

RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 66  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining.  
 Wheel centre: Made of die-cast aluminium.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 222 and 47



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-ALST 82K	BH-ALST 82K	LH-ALST 82K-FI	80	40	230	Ball bearing	120	100 x 85	80 x 60	9	45
LH-ALST 100K-1	BH-ALST 100K-1	LH-ALST 100K-1-FI	100	40	300	Ball bearing	140	100 x 85	80 x 60	9	45
LH-ALST 100K-3	BH-ALST 100K-3	LH-ALST 100K-3-FI	100	40	300	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-ALST 125K-1	BH-ALST 125K-1	LH-ALST 125K-1-FI	125	40	350	Ball bearing	165	100 x 85	80 x 60	9	45
LH-ALST 125K-3	BH-ALST 125K-3	LH-ALST 125K-3-FI	125	40	350	Ball bearing	165	140 x 110	105 x 75-80	11	45
LH-ALST 127K	BH-ALST 127K	LH-ALST 127K-FI	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-ALST 150K	BH-ALST 150K	LH-ALST 150K-FI	150	54	500	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-ALST 160K	BH-ALST 160K	LH-ALST 160K-FI	160	50	550	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-ALST 180K	BH-ALST 180K	LH-ALST 180K-FI	180	50	600	Ball bearing	223	140 x 110	105 x 75-80	11	67
LH-ALST 200K	BH-ALST 200K	LH-ALST 200K-FI	200	50	700	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-ALST 250K	BH-ALST 250K	*	250	50	800	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* For the 'stop-top' brake version refer to 'Options'



Options	Antistatic version, non-marking grey	With extra crowned running tread	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm **	Directional lock (retro-fit) 1 x 360°	With steel foot guard
Technical description page	36, 39		80	81	80	83	84
Product code suffix	-AS	-CO	-ST	-CS13	-IS	refer to ***	-FS
Available for	upon request	upon request	all sizes	wheel Ø 125x54, 160, 200, 250 mm	wheel Ø 125x54, 160, 200, 250 mm	for wheel Ø and plate dimensions refer to***	upon request

\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**  
 \*\*\* **RI-04.01** available for wheel Ø 80 - 125 mm with plate 100x85 mm, **RI-04.03** available for wheel Ø 100 - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x54 - 200 mm (only for swivel castors without brake)

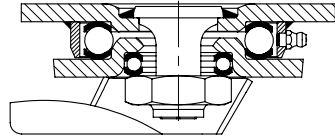


Series: LO-ALST, BO-ALST

## Welded steel heavy duty castors, wheel with Blickle Softhane® polyurethane tread

450 - 800 kg

RoHS



**Brackets:** LO/BO series - Sturdy welded steel construction, swivel bracket with double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 67  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-top' brake: Page 80

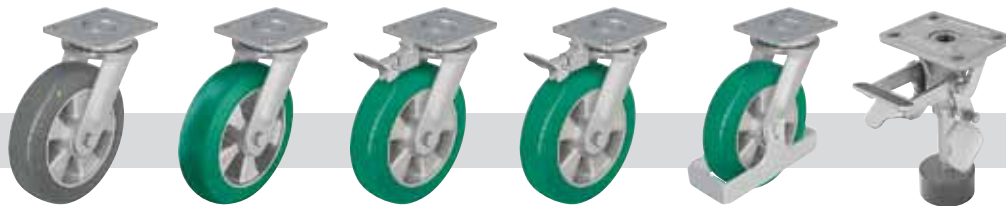
**Wheels:** ALST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining.  
Wheel centre: Made of die-cast aluminium.  
Bearing type: Two pressed-in ball bearings.  
Detailed description: Page 222 and 47



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Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-ALST 127K	BO-ALST 127K	LO-ALST 127K-ST	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-ALST 150K	BO-ALST 150K	LO-ALST 150K-ST	150	54	500	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-ALST 160K	BO-ALST 160K	LO-ALST 160K-ST	160	50	550	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-ALST 200K	BO-ALST 200K	LO-ALST 200K-ST	200	50	700	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-ALST 250K	BO-ALST 250K	LO-ALST 250K-ST	250	50	800	Ball bearing	295	140 x 110	105 x 75-80	11	70

### Options



	Antistatic version, non-marking grey	With extra crowned running tread	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	36, 39		83	83	84	82, 483
Product code suffix	-AS	-CO	-RI2	-RI4	-FS	FF 125/150/160/200
Available for	upon request	upon request	wheel Ø 125-200 mm	wheel Ø 125-200 mm	upon request	wheel Ø 125-200 mm



Series: GST

**Heavy duty wheels with Blickle Softhane® polyurethane tread, with cast iron wheel centre**

450 - 1800 kg

RoHS



<b>Tread &amp; tyre hardness</b>	75° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good



**GST-wheel series:**

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Softhane®, 75° shore A hardness, very high operational comfort due to an extremely thick, elastic tread, low-noise operation, low rolling resistance, very good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour green, non-marking, non-staining, very good chemical connection with the wheel centre. (Material description page 39)

**Wheel centre:** Made of rugged grey cast iron, wheel Ø 160 mm or larger with grease nipple, lacquered, colour silver.

**Bearing type:**

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

**Other features:**

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

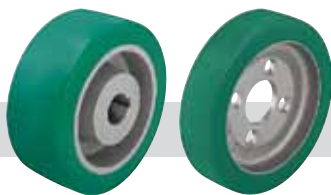
Maintenance-free under standard conditions.

**Wheel series overview page 47**

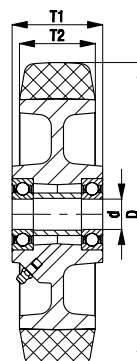
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
<b>GST 127/20K</b>	125	50	450	Ball bearing	20	60
<b>GST 150/20K</b>	150	50	550	Ball bearing	20	60
<b>GST 160/20K</b>	160	50	600	Ball bearing	20	60
<b>GST 200/20K</b>	200	50	800	Ball bearing	20	60
<b>GST 200/25K</b>	200	50	800	Ball bearing	25	60
<b>GST 202/25K</b>	200	80	1200	Ball bearing	25	90
<b>GST 250/25K</b>	250	60	1200	Ball bearing	25	70
<b>GST 252/25K</b>	250	80	1400	Ball bearing	25	90
<b>GST 302/30K</b>	300	80	1800	Ball bearing	30	90

9

**Options**



	Drive wheels with hub keyway	Hub fitting wheels
Technical description page	56	58
<b>Product code suffix</b>	<b>GSTN series</b>	<b>GSTA series</b>
Available for	refer to page 461	refer to page 468

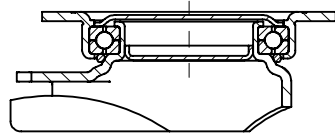


Series: LU-GST, BH-GST

**Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with Blickle Softhane® polyurethane tread**

450 - 750 kg

RoHS



**Brackets:** LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview: Page 66

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** GST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining.

Wheel centre: Made of rugged grey cast iron, wheel Ø 160 mm or larger with grease nipple, lacquered, silver.

Bearing type: Two pressed-in ball bearings.

Detailed description: Page 229 and 47



9

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LU-GST 127K	BH-GST 127K	LU-GST 127K-FI	125	50	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-GST 150K	BH-GST 150K	LU-GST 150K-FI	150	50	550	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-GST 160K	BH-GST 160K	LU-GST 160K-FI	160	50	600	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-GST 200K	BH-GST 200K	LU-GST 200K-FI	200	50	750	Ball bearing	245	140 x 110	105 x 75-80	11	63

**Options**



	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	83	84
Product code suffix	RI-05.03	-FS
Available for	all sizes	upon request

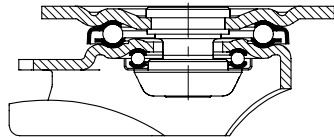
\* Only for swivel castors without brake

Series: LH-GST, BH-GST

**Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with Blickle Softhane® polyurethane tread**

450 - 900 kg

RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 66  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** GST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining.  
 Wheel centre: Made of rugged grey cast iron, wheel Ø 160 mm or larger with grease nipple, lacquered, silver.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 229 and 47



9

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-GST 127K	BH-GST 127K	LH-GST 127K-FI	125	50	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-GST 150K	BH-GST 150K	LH-GST 150K-FI	150	50	550	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-GST 160K	BH-GST 160K	LH-GST 160K-FI	160	50	600	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-GST 200K	BH-GST 200K	LH-GST 200K-FI	200	50	800	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-GST 202K	BO-GST 202K *	**	200	80	800	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-GST 250K	BH-GST 250K	**	250	60	900	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* Welded steel construction, for technical description refer to page 232

\*\* For the 'stop-top' brake version refer to 'Options'

**Options**



	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm ***	Directional lock (retro fit) 1 x 360° ****	With steel foot guard	Truck lock
Technical description page	80	81	80	83	84	82, 483
Product code suffix	-ST	-CS13	-IS	RI-05.03	-FS	FF 125/150/160/200
Available for	all sizes	wheel Ø 125, 160, 200x50, 250 mm	wheel Ø 125, 160, 200x50, 250 mm	wheel Ø 125 - 200x50 mm	upon request	wheel Ø 125-200 mm

\*\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

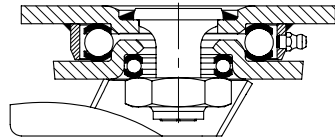
\*\*\*\* Only for swivel castors without brake

Series: LO-GST, BO-GST

## Welded steel heavy duty castors, wheel with Blickle Softhane® polyurethane tread

450 - 1200 kg

RoHS



**Brackets:** LO/BO series - Sturdy welded steel construction, swivel bracket with double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 67 Top plate drawings: Page 77 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** GST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining. Wheel centre: Made of rugged grey cast iron, wheel Ø 160 mm or larger with grease nipple, lacquered, silver. Bearing type: Two pressed-in ball bearings. Detailed description: Page 229 and 47



9

Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-GST 127K	BO-GST 127K	LO-GST 127K-ST	125	50	450	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-GST 150K	BO-GST 150K	LO-GST 150K-ST	150	50	550	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-GST 160K	BO-GST 160K	LO-GST 160K-ST	160	50	600	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-GST 200K	BO-GST 200K	LO-GST 200K-ST	200	50	800	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-GST 202K	BO-GST 202K	LO-GST 202K-ST	200	80	1100	Ball bearing	245	140 x 110	105 x 75-80	11	65
LO-GST 250K	BO-GST 250K	LO-GST 250K-ST	250	60	1200	Ball bearing	295	140 x 110	105 x 75-80	11	70

### Options



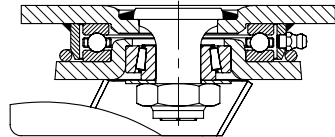
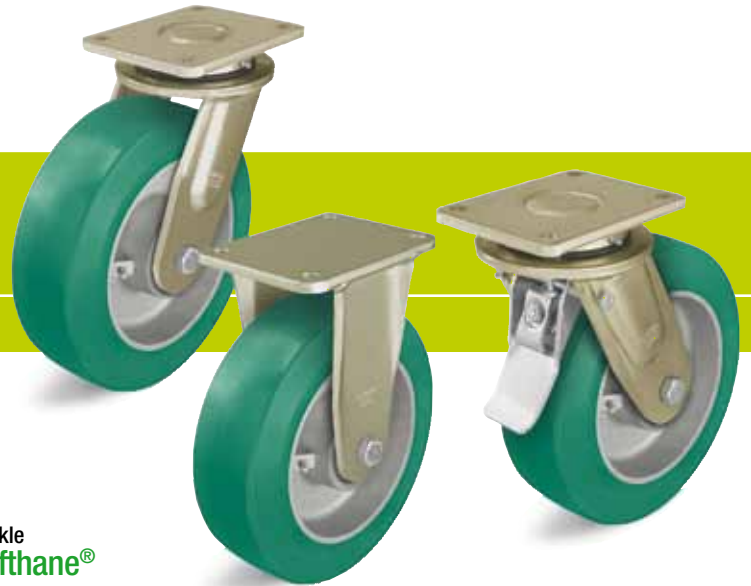
	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	83	83	84	82, 483
Product code suffix	-RI2	-RI4	-FS	FF 125/150/160/200
Available for	wheel Ø 125 - 200x50 mm	wheel Ø 125 - 200x50 mm	upon request	wheel Ø 125-200 mm

Series: LS-GST, BS-GST

**Welded steel heavy duty castors, strong swivel head design, wheel with Blickle Softhane® polyurethane tread**

450 - 1800 kg

RoHS



**Brackets:** LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle. Zinc-plated, yellow-passivated, Cr6-free. Bracket overview: Page 68 Top plate drawings: Page 77 and 78 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** GST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining. Wheel centre: Made of rugged grey cast iron, wheel Ø 160 mm or larger with grease nipple, lacquered, silver. Bearing type: Two pressed-in ball bearings. Detailed description: Page 229 and 47



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-GST 127K	BS-GST 127K	LS-GST 127K-ST	125	50	450	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-GST 150K	BS-GST 150K	LS-GST 150K-ST	150	50	550	Ball bearing	200	140 x 110	105 x 75-80	11	55
LS-GST 160K	BS-GST 160K	LS-GST 160K-ST	160	50	600	Ball bearing	205	140 x 110	105 x 75-80	11	55
LS-GST 200K	BS-GST 200K	LS-GST 200K-ST	200	50	800	Ball bearing	245	140 x 110	105 x 75-80	11	60
LS-GST 202K	BS-GST 202K	LS-GST 202K-ST	200	80	1200	Ball bearing	255	175 x 140	140 x 105	14	65
LS-GST 250K	BS-GST 250K	LS-GST 250K-ST	250	60	1200	Ball bearing	305	175 x 140	140 x 105	14	75
LS-GST 252K	BS-GST 252K	LS-GST 252K-ST	250	80	1400	Ball bearing	305	175 x 140	140 x 105	14	75
LS-GST 302K	BS-GST 302K	LS-GST 302K-ST	300	80	1800	Ball bearing	355	175 x 140	140 x 105	14	85

**Options**



	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	83	83	84	82, 483
Product code suffix	-RI2	-RI4	-FS	FF 125/150/160/200
Available for	all sizes	all sizes	upon request	wheel Ø 125 - 200x50 mm

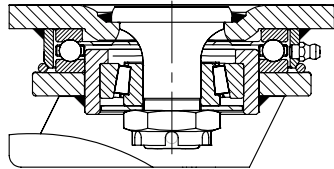


Series: LSD-GST, BSD-GST

**Welded steel heavy duty twin wheel castors, strong swivel head design, wheels with Blickle Softhane® polyurethane tread**

900 - 3600 kg

✓RoHS



**Brackets:** LSD/BSG series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
 Bolted wheel axle.  
 Zinc-plated, yellow-passivated, Cr6-free.  
 Bracket overview: Page 68  
 Top plate drawings: Page 78

**Wheels:** GST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining.  
 Wheel centre: Made of rugged grey cast iron, wheel Ø 160 mm or larger with grease nipple, lacquered, silver.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 229 and 47



9

Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSD-GST 127K	BSD-GST 127K	125	2 x 50	900	Ball bearing	185	140 x 175 *	105 x 140	14	50
LSD-GST 150K-35	BSD-GST 150K-35	150	2 x 50	1100	Ball bearing	215	140 x 175 *	105 x 140	14	55
LSD-GST 200K-35	BSD-GST 200K-35	200	2 x 50	1600	Ball bearing	260	140 x 175 *	105 x 140	14	60
LSD-GST 202K	BSD-GST 202K	200	2 x 80	2400	Ball bearing	280	200 x 255 *	160 x 210	18	60
LSD-GST 250K	BSD-GST 250K	250	2 x 60	2400	Ball bearing	330	200 x 255 *	160 x 210	18	70
LSD-GST 252K	BSD-GST 252K	250	2 x 80	2800	Ball bearing	330	200 x 255 *	160 x 210	18	70
LSD-GST 302K	BSD-GST 302K	300	2 x 80	3600	Ball bearing	390	200 x 255 *	160 x 210	18	80

\* Fixed castors: Long plate side is parallel to the axle

**Options**



	With 'Radstop' wheel brake up to wheel Ø 200x50 mm	With 'Radstop' wheel brake, wheel Ø 200x80 mm or larger	With directional lock 2 x 180°	With directional lock 4 x 90°	With directional lock 4 x 90° (hand-operated)	With steel foot guard
Technical description page	81	81	83	83	83	84
Product code suffix	-RA	-RAH	-RI2	-RI4	-RI4H	-FS
Available for	upon request	upon request	wheel Ø 125-200x50 upon request	wheel Ø 125-200x50 upon request	Ø 200x80-300 mm upon request	upon request



## Heavy duty wheels and castors with cast polyurethane tread **Blickle Besthane<sup>®</sup> Soft**



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## Table of Contents

	<b>ALBS</b>	<b>LK</b>	<b>LKR</b>	<b>LU</b>	<b>LH</b>	<b>LS</b>
						
Series	ALBS	LK-ALBS	LKR-ALBS	LU-ALBS	LH-ALBS	LS-ALBS
Wheel Ø	80 - 300 mm	80 - 200 mm	80 - 125 mm	125 - 200 mm	80 - 250 mm	125 - 300 mm
Load capacity	180 - 1150 kg	230 - 600 kg	230 - 350 kg	450 - 700 kg	230 - 800 kg	450 - 1150 kg
Page	238	239	240	241	242	243

Series: ALBS

## Heavy duty wheels with Blickle Besthane® Soft polyurethane tread, with aluminium wheel centre

180 - 1150 kg

RoHS



<b>Tread &amp; tyre hardness</b>	75° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good



### ALBS-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane® Soft, 75° shore A hardness, very high operational comfort due to an extremely thick, elastic tread, low-noise operation, **very low rolling resistance**, **high dynamic load capacity**, very good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour blue, non-marking, non-staining, very good chemical connection with the wheel centre.  
(Material description page 39)

**Wheel centre:** Made of die-cast aluminium.

### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 47**

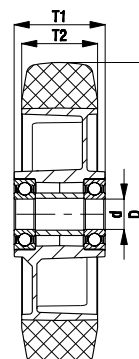
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALBS 80/15K	80	30	180	Ball bearing	15	35
ALBS 82/15K	80	40	230	Ball bearing	15	40
ALBS 100/15K	100	40	300	Ball bearing	15	40
ALBS 125/15K	125	40	350	Ball bearing	15	45
ALBS 127/20K	125	54	450	Ball bearing	20	60
ALBS 150/20K	150	54	500	Ball bearing	20	60
ALBS 160/20K	160	50	550	Ball bearing	20	60
ALBS 180/20K	180	50	600	Ball bearing	20	60
ALBS 200/20K	200	50	700	Ball bearing	20	60
ALBS 250/20K	250	50	800	Ball bearing	20	60
ALBS 250/25K	250	50	800	Ball bearing	25	60
ALBS 300/25K	300	60	1150	Ball bearing	25	70

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### Options



	Hydrolysis resistant, with nylon wheel centre	With extra crowned running tread
Technical description page	39	
Product code suffix	POBS series	-C0
Available for	upon request	upon request



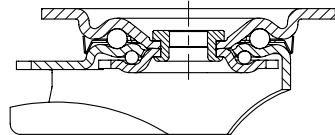


Series: LK-ALBS, BK-ALBS, BH-ALBS

**Pressed steel castors, medium heavy duty brackets, with top plate fitting, wheel with Blickle Besthane® Soft polyurethane tread**

230 - 600 kg

RoHS



**Brackets:** LK/BK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 125x54 - 200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 66  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALBS series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane® Soft, 75° shore A, **very low rolling resistance, high dynamic load capacity**, blue, non-marking, non-staining.  
Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 238 and 47



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-ALBS 82K	BK-ALBS 82K	LK-ALBS 82K-FI	80	40	230	Ball bearing	110	100 x 85	80 x 60	9	40
LK-ALBS 100K-1	BK-ALBS 100K-1	LK-ALBS 100K-1-FI	100	40	300	Ball bearing	130	100 x 85	80 x 60	9	45
LK-ALBS 100K-3	BK-ALBS 100K-3	LK-ALBS 100K-3-FI	100	40	300	Ball bearing	130	140 x 110	105 x 75-80	11	45
LK-ALBS 125K-1	BK-ALBS 125K-1	LK-ALBS 125K-1-FI	125	40	350	Ball bearing	155	100 x 85	80 x 60	9	48
LK-ALBS 125K-3	BK-ALBS 125K-3	LK-ALBS 125K-3-FI	125	40	350	Ball bearing	155	140 x 110	105 x 75-80	11	48
LK-ALBS 127K	BH-ALBS 127K	LK-ALBS 127K-FI	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LK-ALBS 150K	BH-ALBS 150K	LK-ALBS 150K-FI	150	54	500	Ball bearing	197	140 x 110	105 x 75-80	11	63
LK-ALBS 160K	BH-ALBS 160K	LK-ALBS 160K-FI	160	50	550	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-ALBS 180K	BH-ALBS 180K	LK-ALBS 180K-FI	180	50	600	Ball bearing	223	140 x 110	105 x 75-80	11	65
LK-ALBS 200K	BH-ALBS 200K	LK-ALBS 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65

**Options**



	With hydrolysis resistant wheel	With extra crowned running tread	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake tti. height +17mm *	Directional lock (retro-fit) 1 x 360°	With steel foot guard
Technical description page	39		80	81	80	83	84
Product code suffix	<b>POBS series</b>	<b>-CO</b>	<b>-ST</b>	<b>-CS11</b>	<b>-IS</b>	<b>refer to **</b>	<b>-FS</b>
Available for	upon request	upon request	all sizes	wheel Ø 100 - 125x40 mm	Ø 100, 125, 160, 200 with plate 140x110	for wheel Ø and plate dimensions refer to **	upon request

\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

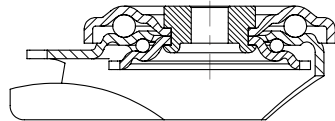
\*\* **RI-05.01** available for wheel Ø 80 - 125 mm with plate 100x85 mm, **RI-03.03** available for wheel Ø 100 - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x54 - 200 mm (only for swivel castors without brake)

Series: LKR-ALBS

**Pressed steel castors, medium heavy duty brackets, with bolt hole fitting, wheel with Blickle Besthane® Soft polyurethane tread**

230 - 350 kg

RoHS



**Brackets:** LKR series - Made of heavy pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALBS series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane® Soft, 75° shore A, **very low rolling resistance, high dynamic load capacity**, blue, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 238 and 47



10

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LKR-ALBS 82K	LKR-ALBS 82K-FI	80	40	230	Ball bearing	110	88	13	40
LKR-ALBS 100K	LKR-ALBS 100K-FI	100	40	300	Ball bearing	130	88	13	45
LKR-ALBS 125K	LKR-ALBS 125K-FI	125	40	350	Ball bearing	155	88	13	48

**Options**



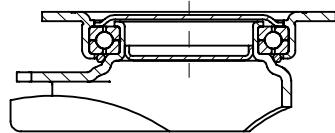
	With hydrolysis resistant wheel	With extra crowned running tread
Technical description page	39	
Product code suffix	POBS series	-CO
Available for	upon request	upon request

Series: LU-ALBS, BH-ALBS

**Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with Blickle Besthane® Soft polyurethane tread**

450 - 700 kg

RoHS



**Brackets:** LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview: Page 66

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALBS series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane® Soft, 75° shore A, **very low rolling resistance, high dynamic load capacity**, blue, non-marking, non-staining.

Wheel centre: Made of die-cast aluminium.

Bearing type: Two pressed-in ball bearings.

Detailed description: Page 238 and 47



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LU-ALBS 127K	BH-ALBS 127K	LU-ALBS 127K-FI	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-ALBS 150K	BH-ALBS 150K	LU-ALBS 150K-FI	150	54	500	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-ALBS 160K	BH-ALBS 160K	LU-ALBS 160K-FI	160	50	550	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-ALBS 200K	BH-ALBS 200K	LU-ALBS 200K-FI	200	50	700	Ball bearing	245	140 x 110	105 x 75-80	11	63

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**Options**



	With hydrolysis resistant wheel	With extra crowned running tread	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	39		83	84
Product code suffix	<b>POBS series</b>	<b>-CO</b>	<b>RI-05.03</b>	<b>-FS</b>
Available for	upon request	upon request	all sizes	upon request

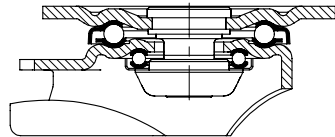
\* Only for swivel castors without brake

Series: LH-ALBS, BH-ALBS

**Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with Blickle Besthane® Soft polyurethane tread**

230 - 800 kg

RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.

Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview: Page 66

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALBS series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane® Soft, 75° shore A, **very low rolling resistance, high dynamic load capacity**, blue, non-marking, non-staining.

Wheel centre: Made of die-cast aluminium.

Bearing type: Two pressed-in ball bearings.

Detailed description: Page 238 and 47



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Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-ALBS 82K	BH-ALBS 82K	LH-ALBS 82K-FI	80	40	230	Ball bearing	120	100 x 85	80 x 60	9	45
LH-ALBS 100K-1	BH-ALBS 100K-1	LH-ALBS 100K-1-FI	100	40	300	Ball bearing	140	100 x 85	80 x 60	9	45
LH-ALBS 100K-3	BH-ALBS 100K-3	LH-ALBS 100K-3-FI	100	40	300	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-ALBS 125K-1	BH-ALBS 125K-1	LH-ALBS 125K-1-FI	125	40	350	Ball bearing	165	100 x 85	80 x 60	9	45
LH-ALBS 125K-3	BH-ALBS 125K-3	LH-ALBS 125K-3-FI	125	40	350	Ball bearing	165	140 x 110	105 x 75-80	11	45
LH-ALBS 127K	BH-ALBS 127K	LH-ALBS 127K-FI	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-ALBS 150K	BH-ALBS 150K	LH-ALBS 150K-FI	150	54	500	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-ALBS 160K	BH-ALBS 160K	LH-ALBS 160K-FI	160	50	550	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-ALBS 180K	BH-ALBS 180K	LH-ALBS 180K-FI	180	50	600	Ball bearing	223	140 x 110	105 x 75-80	11	67
LH-ALBS 200K	BH-ALBS 200K	LH-ALBS 200K-FI	200	50	700	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-ALBS 250K	BH-ALBS 250K	*	250	50	800	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* For the 'stop-top' brake version refer to 'Options'

**Options**



	With hydrolysis resistant wheel	With extra crowned running tread	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake tti. height +17mm **	Directional lock (retro-fit) 1 x 360°	With steel foot guard
Technical description page	39		80	81	80	83	84
Product code suffix	<b>POBS series</b>	<b>-CO</b>	<b>-ST</b>	<b>-CS13</b>	<b>-IS</b>	<b>refer to ***</b>	<b>-FS</b>
Available for	upon request	upon request	all sizes	wheel Ø 125x54, 160, 200, 250 mm	wheel Ø 125x54, 160, 200, 250 mm	for wheel Ø and plate dimensions refer to***	upon request

\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

\*\*\* **RI-04.01** available for wheel Ø 80 - 125 mm with plate 100x85 mm, **RI-04.03** available for wheel Ø 100 - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x54 - 200 mm (only for swivel castors without brake)

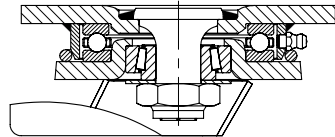


Series: LS-ALBS, BS-ALBS

**Welded steel heavy duty castors, strong swivel head design, wheel with Blickle Besthane® Soft polyurethane tread**

450 - 1150 kg

RoHS



Blickle Besthane® Soft

**Brackets:** LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle. Zinc-plated, yellow-passivated, Cr6-free. Bracket overview: Page 68 Top plate drawings: Page 77 and 78 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** ALBS series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane® Soft, 75° shore A, **very low rolling resistance, high dynamic load capacity**, blue, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 238 and 47



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-ALBS 127K	BS-ALBS 127K	LS-ALBS 127K-ST	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-ALBS 150K	BS-ALBS 150K	LS-ALBS 150K-ST	150	54	500	Ball bearing	200	140 x 110	105 x 75-80	11	55
LS-ALBS 160K	BS-ALBS 160K	LS-ALBS 160K-ST	160	50	550	Ball bearing	205	140 x 110	105 x 75-80	11	55
LS-ALBS 200K	BS-ALBS 200K	LS-ALBS 200K-ST	200	50	700	Ball bearing	245	140 x 110	105 x 75-80	11	60
LS-ALBS 250K	BS-ALBS 250K	LS-ALBS 250K-ST	250	50	800	Ball bearing	305	175 x 140	140 x 105	14	75
LS-ALBS 300K	BS-ALBS 300K	LS-ALBS 300K-ST	300	60	1150	Ball bearing	355	175 x 140	140 x 105	14	85

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**Options**



	With hydrolysis resistant wheel	With extra crowned running tread	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	39		83	83	84	82, 483
Product code suffix	<b>POBS series</b>	<b>-C0</b>	<b>-R12</b>	<b>-R14</b>	<b>-FS</b>	<b>FF 125/150/160/200</b>
Available for	upon request	upon request	all sizes	all sizes	upon request	wheel Ø 125-200 mm






















## Heavy duty wheels and castors with cast polyurethane tread **Blickle Extrathane<sup>®</sup>**



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## Table of Contents

		L	LK/LKR	LU	LH	LHZ	LO	LS	LOD	LSD
	<b>ALTH</b> Series ALTH Wheel Ø 80 - 250 mm Load capacity 180 - 1000 kg <b>Page 246</b>									
		L-ALTH 80 - 250 mm 180 - 500 kg	LK-/LKR-ALTH 80 - 200 mm 180 - 600 kg	LU-ALTH 125 - 200 mm 450 - 750 kg	LH-ALTH 80 - 250 mm 180 - 900 kg	LHZ-ALTH 125 - 200 mm 450 - 800 kg	LO-ALTH 125 - 250 mm 450 - 1000 kg		LOD-ALTH 100 mm 600 kg	
		<b>247</b>	<b>248/249</b>	<b>250</b>	<b>251</b>	<b>252</b>	<b>253</b>		<b>264</b>	
	<b>SETH</b> Series SETH Wheel Ø 125 - 250 mm Load capacity 500 - 1350 kg <b>Page 254</b>									
					LH-SETH 125 - 250 mm 500 - 900 kg		LO-SETH 125 - 250 mm 500 - 1200 kg	LS-SETH 125 - 250 mm 500 - 1350 kg		
					<b>255</b>		<b>256</b>	<b>257</b>		
	<b>VSTH/GTH</b> Series VSTH/GTH Wheel Ø 35 - 1000 mm Load capacity 100 - 30000 kg <b>Page 258/259</b>									
				LU-GTH 125 - 200 mm 600 - 750 kg	LH-VSTH/-GTH 60 - 250 mm 280 - 900 kg		LO-GTH 125 - 250 mm 600 - 1200 kg	LS-GTH 125 - 600 mm 600 - 12000 kg	LOD-VSTH/-GTH 75 - 125 mm 500 - 900 kg	LSD-VSTH/-GTH 80 - 500 mm 520 - 10000 kg
				<b>260</b>	<b>261</b>		<b>262</b>	<b>263</b>	<b>264</b>	<b>265</b>

Series: ALTH

## Heavy duty wheels with Blickle Extrathane® polyurethane tread, with aluminium wheel centre

180 - 1000 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### ALTH-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of die-cast aluminium.

#### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

#### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 48**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALTH 80/15K	80	30	180	Ball bearing	15	35
ALTH 100/15K	100	40	250	Ball bearing	15	45
ALTH 101/15K *	100	40	350	Ball bearing	15	40
ALTH 125/15K	125	40	350	Ball bearing	15	45
ALTH 127/20K	125	54	450	Ball bearing	20	60
ALTH 140/20K	140	54	500	Ball bearing	20	60
ALTH 151/15K	150	40	400	Ball bearing	15	60
ALTH 150/20K	150	50	500	Ball bearing	20	60
ALTH 160/20K	160	50	550	Ball bearing	20	60
ALTH 180/20K	180	50	600	Ball bearing	20	60
ALTH 200/20K	200	50	800	Ball bearing	20	60
ALTH 200/25K	200	50	800	Ball bearing	25	60
ALTH 250/25K	250	60	1000	Ball bearing	25	70

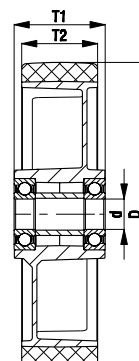
\* Heavy design

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### Options



	Antistatic version, non-marking grey	With extra crowned running tread
Technical description page	36, 39	
Product code suffix	-AS	-CO
Available for	all sizes except wheel Ø 140 mm	upon request

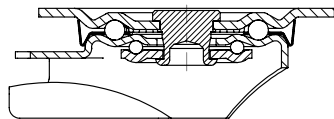
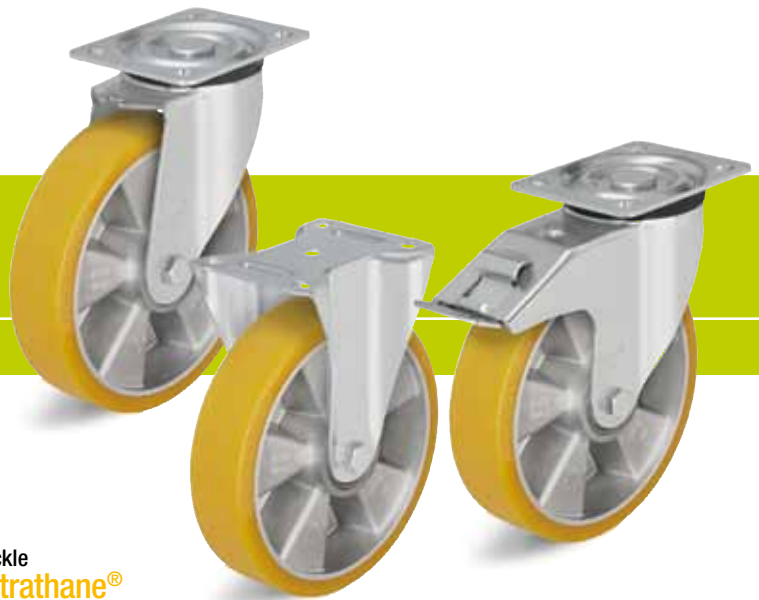


Series: L-ALTH, B-ALTH, BH-ALTH

**Pressed steel castors, medium duty brackets, with top plate fitting, wheel with Blickle Extrathane® polyurethane tread**

180 - 500 kg

RoHS



**Brackets:** L/B/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 150-250 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 246 and 48



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-ALTH 80K	B-ALTH 80K	L-ALTH 80K-FI	80	30	180	Ball bearing	102	100 x 85	80 x 60	9	38
L-ALTH 100K	B-ALTH 100K	L-ALTH 100K-FI	100	40	200	Ball bearing	125	100 x 85	80 x 60	9	36
L-ALTH 125K	B-ALTH 125K	L-ALTH 125K-FI	125	40	200	Ball bearing	150	100 x 85	80 x 60	9	40
L-ALTH 151K	B-ALTH 151K	L-ALTH 151K-FI	150	40	400	Ball bearing	190	140 x 110	105 x 75-80	11	60
L-ALTH 150K	B-ALTH 150K	L-ALTH 150K-FI	150	50	400	Ball bearing	190	140 x 110	105 x 75-80	11	60
L-ALTH 160K	B-ALTH 160K	L-ALTH 160K-FI	160	50	400	Ball bearing	195	140 x 110	105 x 75-80	11	60
L-ALTH 180K	B-ALTH 180K	L-ALTH 180K-FI	180	50	400	Ball bearing	215	140 x 110	105 x 75-80	11	60
L-ALTH 200K	B-ALTH 200K	L-ALTH 200K-FI	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-ALTH 250K-3	BH-ALTH 250K	*	250	60	500	Ball bearing	295	140 x 110	105 x 75-80	11	77

\* For the 'stop-top' brake version refer to 'Options'

**Options**



	Antistatic version, non-marking grey	With extra crowned running tread	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro fit) 1 x 360° **	Directional lock (retro fit) 1 x 360° **	With synthetic (-FP) or steel (-FS) foot guard
Technical description page	36, 39		80	81	83	83	84
Product code suffix	-AS	-CO	-ST	-CS11	RI-03.01	RI-05.03	-FP / -FS
Available for	all sizes	upon request	all sizes	wheel Ø 160+200 mm	wheel Ø 100-125 mm	wheel Ø 150-200 mm	upon request

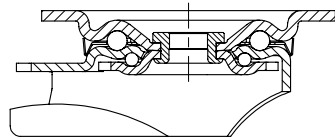
\*\* Only for swivel castors without brake

Series: LK-ALTH, BK-ALTH, BH-ALTH

## Pressed steel castors, medium heavy duty brackets, with top plate fitting, wheel with Blickle Extrathane® polyurethane tread

 180 - 600 kg

 RoHS



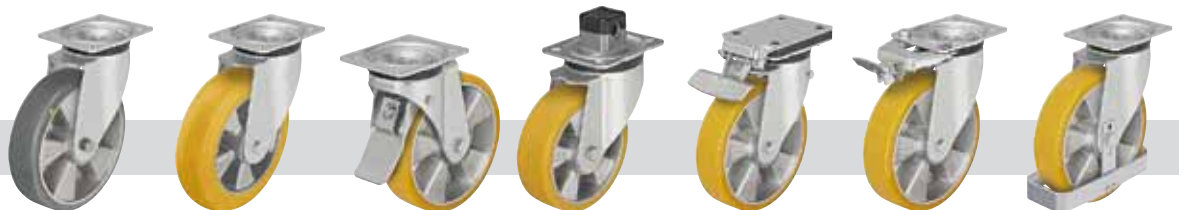
**Brackets:** LK/BK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 125x54 - 200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 66  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining.  
Wheel centre: Made of die-cast aluminium.  
Bearing type: Two pressed-in ball bearings.  
Detailed description: Page 246 and 48



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-ALTH 80K	BK-ALTH 80K	LK-ALTH 80K-FI	80	30	180	Ball bearing	110	100 x 85	80 x 60	9	40
LK-ALTH 100K-1	BK-ALTH 100K-1	LK-ALTH 100K-1-FI	100	40	250	Ball bearing	130	100 x 85	80 x 60	9	45
LK-ALTH 100K-3	BK-ALTH 100K-3	LK-ALTH 100K-3-FI	100	40	250	Ball bearing	130	140 x 110	105 x 75-80	11	45
LK-ALTH 125K-1	BK-ALTH 125K-1	LK-ALTH 125K-1-FI	125	40	350	Ball bearing	155	100 x 85	80 x 60	9	48
LK-ALTH 125K-3	BK-ALTH 125K-3	LK-ALTH 125K-3-FI	125	40	350	Ball bearing	155	140 x 110	105 x 75-80	11	48
LK-ALTH 127K	BH-ALTH 127K	LK-ALTH 127K-FI	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LK-ALTH 150K	BH-ALTH 150K	LK-ALTH 150K-FI	150	50	500	Ball bearing	197	140 x 110	105 x 75-80	11	63
LK-ALTH 160K	BH-ALTH 160K	LK-ALTH 160K-FI	160	50	550	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-ALTH 180K	BH-ALTH 180K	LK-ALTH 180K-FI	180	50	600	Ball bearing	223	140 x 110	105 x 75-80	11	65
LK-ALTH 200K	BH-ALTH 200K	LK-ALTH 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65

### Options



	Antistatic version, non-marking grey	With extra crowned running tread	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm *	Directional lock (retro-fit) 1 x 360°	With steel foot guard
Technical description page	36, 39		80	81	80	83	84
Product code suffix	-AS	-CO	-ST	-CS11	-IS	refer to **	-FS
Available for	all sizes	upon request	all sizes	wheel Ø 100 - 125x40 mm	Ø 100, 125, 160, 200 with plate 140x110	for wheel Ø and plate dimensions refer to **	upon request

\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

\*\* **RI-05.01** available for wheel Ø 80 - 125 mm with plate 100x85 mm, **RI-03.03** available for wheel Ø 100 - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x54 - 200 mm (only for swivel castors without brake)

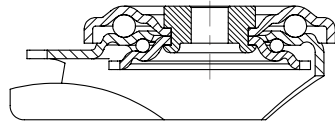


Series: LKR-ALTH

**Pressed steel castors, medium heavy duty brackets, with bolt hole fitting, wheel with Blickle Extrathane® polyurethane tread**

180 - 350 kg

RoHS



**Brackets:** LKR series - Made of heavy pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 246 and 48



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LKR-ALTH 80K	LKR-ALTH 80K-FI	80	30	180	Ball bearing	110	88	13	40
LKR-ALTH 100K	LKR-ALTH 100K-FI	100	40	250	Ball bearing	130	88	13	45
LKR-ALTH 125K	LKR-ALTH 125K-FI	125	40	350	Ball bearing	155	88	13	48

**Options**



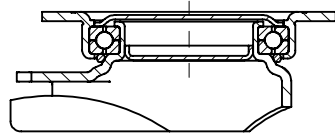
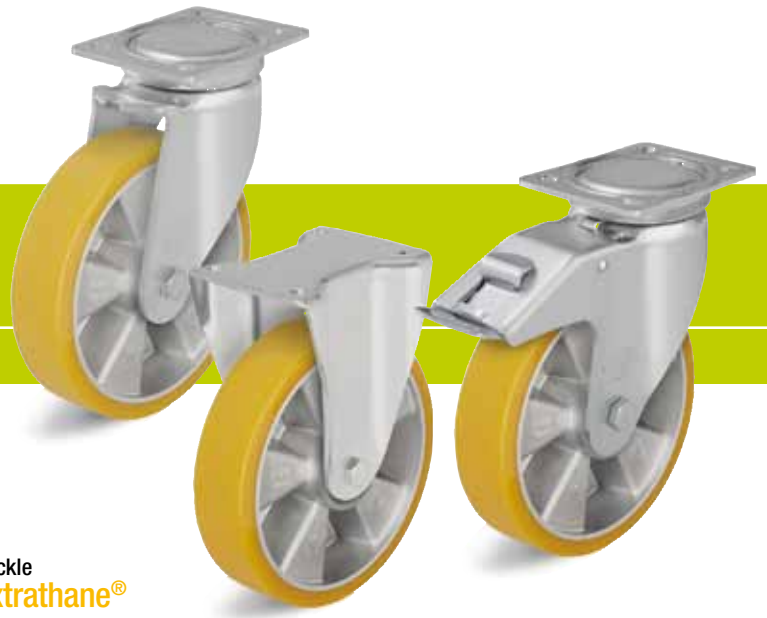
Antistatic version, non-marking grey	With extra crowned running tread
Technical description page	36, 39
Product code suffix	-AS      -CO
Available for	all sizes      upon request

Series: LU-ALTH, BH-ALTH

**Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with Blickle Extrathane® polyurethane tread**

450 - 750 kg

RoHS



**Brackets:** LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 246 and 48



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LU-ALTH 127K	BH-ALTH 127K	LU-ALTH 127K-FI	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-ALTH 150K	BH-ALTH 150K	LU-ALTH 150K-FI	150	50	500	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-ALTH 160K	BH-ALTH 160K	LU-ALTH 160K-FI	160	50	550	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-ALTH 200K	BH-ALTH 200K	LU-ALTH 200K-FI	200	50	750	Ball bearing	245	140 x 110	105 x 75-80	11	63

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**Options**



	Antistatic version, non-marking grey	With extra crowned running tread	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	36, 39		83	84
Product code suffix	-AS	-CO	RI-05.03	-FS
Available for	all sizes	upon request	all sizes	upon request

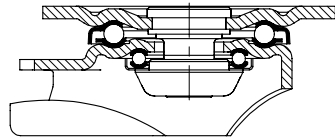
\* Only for swivel castors without brake

Series: LH-ALTH, BH-ALTH

**Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with Blickle Extrathane® polyurethane tread**

180 - 900 kg

RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 66  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining.  
Wheel centre: Made of die-cast aluminium.  
Bearing type: Two pressed-in ball bearings.  
Detailed description: Page 246 and 48

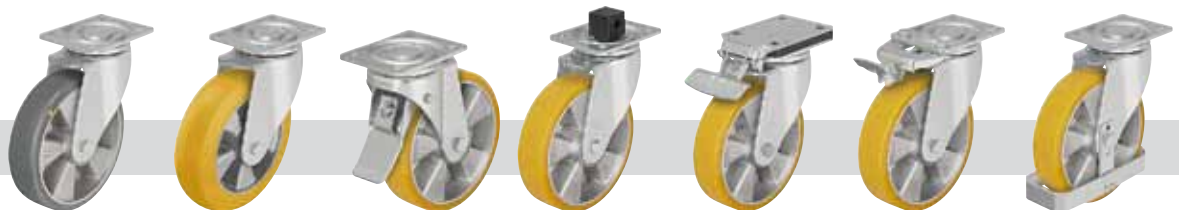


Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-ALTH 80K	BH-ALTH 80K	LH-ALTH 80K-FI	80	30	180	Ball bearing	120	100 x 85	80 x 60	9	45
LH-ALTH 100K-1	BH-ALTH 100K-1	LH-ALTH 100K-1-FI	100	40	250	Ball bearing	140	100 x 85	80 x 60	9	45
LH-ALTH 100K-3	BH-ALTH 100K-3	LH-ALTH 100K-3-FI	100	40	250	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-ALTH 101K-1 *	BH-ALTH 101K-1 *	LH-ALTH 101K-1-FI *	100	40	350	Ball bearing	140	100 x 85	80 x 60	9	45
LH-ALTH 101K-3 *	BH-ALTH 101K-3 *	LH-ALTH 101K-3-FI *	100	40	350	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-ALTH 125K-1	BH-ALTH 125K-1	LH-ALTH 125K-1-FI	125	40	350	Ball bearing	165	100 x 85	80 x 60	9	45
LH-ALTH 125K-3	BH-ALTH 125K-3	LH-ALTH 125K-3-FI	125	40	350	Ball bearing	165	140 x 110	105 x 75-80	11	45
LH-ALTH 127K	BH-ALTH 127K	LH-ALTH 127K-FI	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-ALTH 150K	BH-ALTH 150K	LH-ALTH 150K-FI	150	50	500	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-ALTH 160K	BH-ALTH 160K	LH-ALTH 160K-FI	160	50	550	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-ALTH 180K	BH-ALTH 180K	LH-ALTH 180K-FI	180	50	600	Ball bearing	223	140 x 110	105 x 75-80	11	67
LH-ALTH 200K	BH-ALTH 200K	LH-ALTH 200K-FI	200	50	800	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-ALTH 250K	BH-ALTH 250K	**	250	60	900	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* Heavy wheel design

\*\* For the 'stop-top' brake version refer to 'Options'

**Options**



	Antistatic version, non-marking grey	With extra crowned running tread	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake tti. height +17mm ***	Directional lock (retro-fit) 1 x 360°	With steel foot guard
Technical description page	36, 39		80	81	80	83	84
Product code suffix	-AS	-CO	-ST	-CS13	-IS	refer to ****	-FS
Available for	all sizes	upon request	all sizes	wheel Ø 125x54, 160, 200, 250 mm	wheel Ø 125x54, 160, 200, 250 mm	for wheel Ø and plate dim. refer to ****	upon request

\*\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

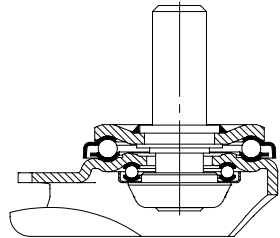
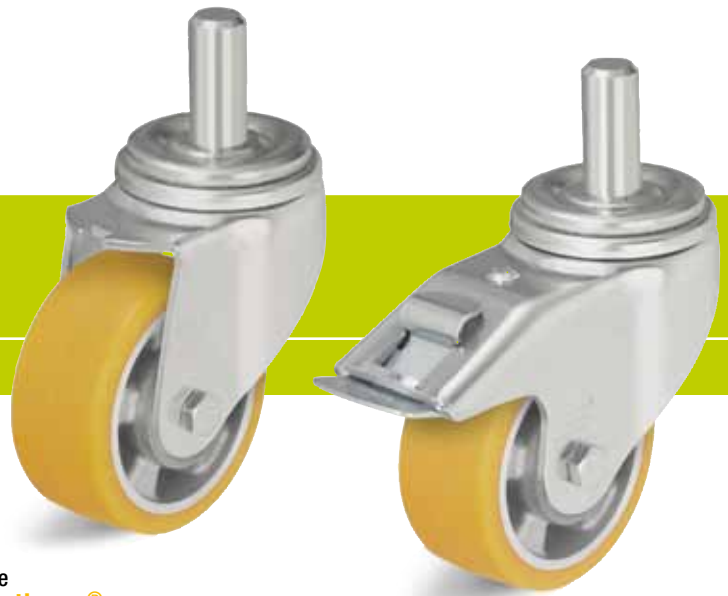
\*\*\*\* **RI-04.01** available for wheel Ø 80 - 125 mm with plate 100x85 mm, **RI-04.03** available for wheel Ø 100 - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x54 - 200 mm (only for swivel castors without brake)

Series: LHZ-ALTH

**Pressed steel castors, heavy duty brackets, with stem fitting, wheel with Blickle Extrathane® polyurethane tread**

450 - 800 kg

RoHS



**Brackets:** LHZ series - Made of heavy pressed steel, with heavy fork and top plate, very strong bolted and secured welded steel plug-in stem, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.

Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview: Page 67

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** ALTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining.

Wheel centre: Made of die-cast aluminium.

Bearing type: Two pressed-in ball bearings.

Detailed description: Page 246 and 48



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LHZ-ALTH 127K	LHZ-ALTH 127K-FI	125	54	450	Ball bearing	170	27	60	55
LHZ-ALTH 160K	LHZ-ALTH 160K-FI	160	50	550	Ball bearing	202	27	60	65
LHZ-ALTH 200K	LHZ-ALTH 200K-FI	200	50	800	Ball bearing	245	27	60	70

**Options**



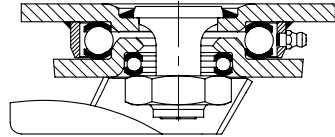
	Antistatic version, non-marking grey	With extra crowned running tread	With 'stop-top' brake	With steel foot guard
Technical description page	36, 39		80	84
Product code suffix	<b>-AS</b>	<b>-CO</b>	<b>-ST</b>	<b>-FS</b>
Available for	all sizes	upon request	all sizes	upon request

Series: LO-ALTH, BO-ALTH

## Welded steel heavy duty castors, wheel with Blickle Extrathane® polyurethane tread

450 - 1000 kg

RoHS



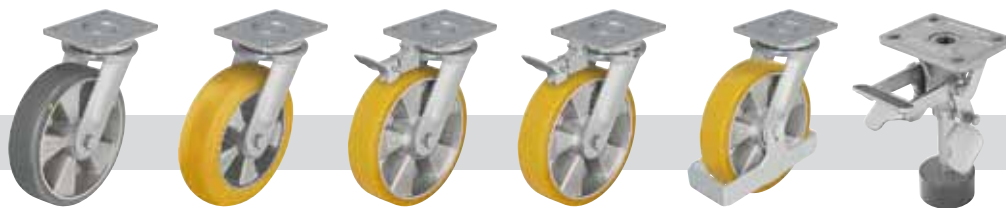
**Brackets:** LO/BO series - Sturdy welded steel construction, swivel bracket with double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 67  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** ALTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining.  
 Wheel centre: Made of die-cast aluminium.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 246 and 48



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-ALTH 127K	BO-ALTH 127K	LO-ALTH 127K-ST	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-ALTH 150K	BO-ALTH 150K	LO-ALTH 150K-ST	150	50	500	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-ALTH 160K	BO-ALTH 160K	LO-ALTH 160K-ST	160	50	550	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-ALTH 200K	BO-ALTH 200K	LO-ALTH 200K-ST	200	50	800	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-ALTH 250K	BO-ALTH 250K	LO-ALTH 250K-ST	250	60	1000	Ball bearing	295	140 x 110	105 x 75-80	11	70

### Options



	Antistatic version, non-marking grey	With extra crowned running tread	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	36, 39		83	83	84	82, 483
Product code suffix	-AS	-CO	-RI2	-RI4	-FS	FF 125/150/160/200
Available for	all sizes	upon request	wheel Ø 125-200 mm	wheel Ø 125-200 mm	upon request	wheel Ø 125-200 mm



Series: SETH

## Heavy duty wheels with Blickle Extrathane® polyurethane tread, with welded steel wheel centre

500 - 1350 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### SETH-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of pressed thick-walled steel, triple-welded, with tubular steel hub, resistant to dirt, shocks and impacts, elegant and smooth design, lacquered, colour silver grey.

### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 48**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SETH 125/20K	125	50	500	Ball bearing	20	60
SETH 150/20K	150	50	650	Ball bearing	20	60
SETH 150/25K	150	50	650	Ball bearing	25	60
SETH 160/20K	160	50	700	Ball bearing	20	60
SETH 160/25K	160	50	700	Ball bearing	25	60
SETH 200/20K	200	50	1000	Ball bearing	20	60
SETH 200/25K	200	50	1000	Ball bearing	25	60
SETH 250/25K	250	60	1350	Ball bearing	25	70

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### Options

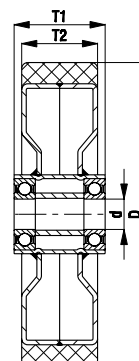


With grease nipple

Technical description page

**Product code suffix** -NI

Available for upon request

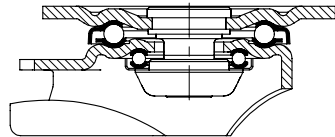


Series: LH-SETH, BH-SETH

**Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with Blickle Extrathane® polyurethane tread**

500 - 900 kg

RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 66  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** SETH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining.  
 Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, silver.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 254 and 48



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-SETH 125K	BH-SETH 125K	LH-SETH 125K-FI	125	50	500	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-SETH 150K	BH-SETH 150K	LH-SETH 150K-FI	150	50	650	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-SETH 160K	BH-SETH 160K	LH-SETH 160K-FI	160	50	700	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-SETH 200K	BH-SETH 200K	LH-SETH 200K-FI	200	50	900	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-SETH 250K	BH-SETH 250K	*	250	60	900	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* For the 'stop-top' brake version refer to 'Options'

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**Options**




	With 'stop-top' brake	With 'ideal-stop' brake ttl. height +17mm **	Directional lock (retro fit) 1 x 360° ***	With steel foot guard	Truck lock
Technical description page	80	80	83	84	82, 483
Product code suffix	-ST	-IS	RI-05.03	-FS	FF 125/150/160/200
Available for	all sizes	wheel Ø 125, 160 - 250 mm	wheel Ø 125-200 mm	upon request	wheel Ø 125-200 mm

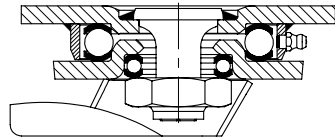
\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**  
 \*\*\* Only for swivel castors without brake

Series: LO-SETH, BO-SETH

## Welded steel heavy duty castors, wheel with Blickle Extrathane® polyurethane tread

 500 - 1200 kg

 RoHS



**Brackets:** LO/BO series - Sturdy welded steel construction, swivel bracket with double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 67 Top plate drawings: Page 77 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** SETH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, silver. Bearing type: Two pressed-in ball bearings. Detailed description: Page 254 and 48



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-SETH 125K	BO-SETH 125K	LO-SETH 125K-ST	125	50	500	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-SETH 150K	BO-SETH 150K	LO-SETH 150K-ST	150	50	650	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-SETH 160K	BO-SETH 160K	LO-SETH 160K-ST	160	50	700	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-SETH 200K	BO-SETH 200K	LO-SETH 200K-ST	200	50	1000	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-SETH 250K	BO-SETH 250K	LO-SETH 250K-ST	250	60	1200	Ball bearing	295	140 x 110	105 x 75-80	11	70

### Options

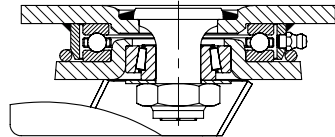


	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	83	83	84	82, 483
Product code suffix	-RI2	-RI4	-FS	FF 125/150/160/200
Available for	wheel Ø 125-200 mm	wheel Ø 125-200 mm	upon request	wheel Ø 125-200 mm

Series: LS-SETH, BS-SETH

**Welded steel heavy duty castors, strong swivel head design, wheel with Blickle Extrathane® polyurethane tread**

500 - 1350 kg RoHS



**Brackets:** LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle. Zinc-plated, yellow-passivated, Cr6-free. Bracket overview: Page 68 Top plate drawings: Page 77 and 78 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** SETH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, silver. Bearing type: Two pressed-in ball bearings. Detailed description: Page 254 and 48



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-SETH 125K	BS-SETH 125K	LS-SETH 125K-ST	125	50	500	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-SETH 150K	BS-SETH 150K	LS-SETH 150K-ST	150	50	650	Ball bearing	200	140 x 110	105 x 75-80	11	55
LS-SETH 160K	BS-SETH 160K	LS-SETH 160K-ST	160	50	700	Ball bearing	205	140 x 110	105 x 75-80	11	55
LS-SETH 200K	BS-SETH 200K	LS-SETH 200K-ST	200	50	1000	Ball bearing	245	140 x 110	105 x 75-80	11	60
LS-SETH 250K	BS-SETH 250K	LS-SETH 250K-ST	250	60	1350	Ball bearing	305	175 x 140	140 x 105	14	75

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**Options**



	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	83	83	84	82, 483
Product code suffix	-RI2	-RI4	-FS	FF 125/150/160/200
Available for	all sizes	all sizes	upon request	wheel Ø 125-200 mm

Series: VSTH, GTH, wheel Ø 35 - 200 mm

## Heavy duty wheels with Blickle Extrathane® polyurethane tread, with steel or cast iron wheel centre

100 - 1600 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### VSTH, GTH-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** VSTH series: Made of steel.

GTH series: Made of rugged grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, colour silver.

#### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

#### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 48**

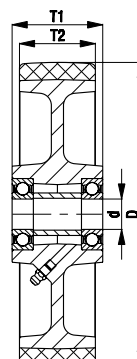
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VSTH 35/6K	35	27	100	Ball bearing	6	30
VSTH 50/8K	50	33	150	Ball bearing	8	35
VSTH 60/15K	60	35	200	Ball bearing	15	35
VSTH 62/10K	60	60	320	Ball bearing	10	60
VSTH 65/15K	65	40	250	Ball bearing	15	40
VSTH 75/20K	75	40	270	Ball bearing	20	40
VSTH 80/20K	80	40	280	Ball bearing	20	40
VSTH 82/20K	80	70	500	Ball bearing	20	70
GTH 100/15K	100	40	400	Ball bearing	15	40
GTH 101/20-50K	100	50	500	Ball bearing	20	50
GTH 101/20K	100	50	500	Ball bearing	20	60
GTH 125/15K	125	40	500	Ball bearing	15	45
GTH 127/20-50K	125	50	600	Ball bearing	20	50
GTH 127/20K	125	50	600	Ball bearing	20	60
GTH 127/25-50K	125	50	600	Ball bearing	25	50
GTH 140/20K	140	54	800	Ball bearing	20	60
GTH 150/20-50K	150	50	750	Ball bearing	20	50
GTH 150/20K	150	50	750	Ball bearing	20	60
GTH 160/20K	160	50	800	Ball bearing	20	60
GTH 160/25K	160	50	800	Ball bearing	25	60
GTH 175/20K	175	50	875	Ball bearing	20	60
GTH 175/25K	175	50	875	Ball bearing	25	60
GTH 177/25K	175	80	1300	Ball bearing	25	80
GTH 181/25K	180	40	800	Ball bearing	25	40
GTH 182/25K	180	65	1100	Ball bearing	25	75
GTH 200/20K	200	50	1000	Ball bearing	20	60
GTH 200/25K	200	50	1000	Ball bearing	25	60
GTH 202/25K	200	80	1600	Ball bearing	25	90
GTH 202/30K	200	80	1600	Ball bearing	30	90
GTH 202/35K	200	80	1600	Ball bearing	35	90

For further wheel Ø refer to the next page

### Options



Image	Antistatic version, non-marking grey	Drive wheels with hub keyway
Technical description page	36, 39	57
<b>Product code suffix</b>	<b>-AS</b>	<b>GTHN series</b>
Available for	upon request	refer to page 462





Series: GTH, wheel Ø 250 - 1000 mm

**Heavy duty wheels with Blickle Extrathane® polyurethane tread, with cast iron wheel centre**

📦 1250 - 30000 kg    ✓RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



**GTH-wheel series:**

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron, with grease nipple, lacquered, colour silver.

**Bearing types:**

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Spherical roller bearing: Two pressed-in spherical roller bearings, sealed, extremely rugged, very durable, lubricated with long-life grease.

**Other features:**

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

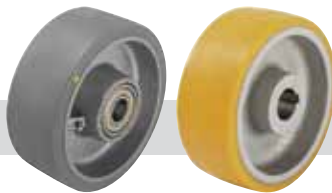
Maintenance-free under standard conditions.

**Wheel series overview page 48**

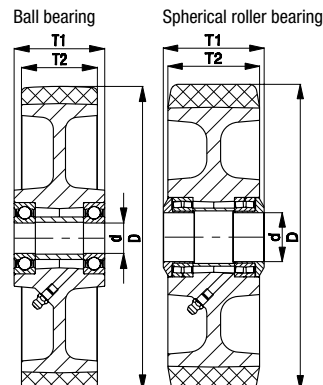
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GTH 251/25K	250	50	1250	Ball bearing	25	60
GTH 251/30K	250	50	1250	Ball bearing	30	60
GTH 250/25K	250	60	1500	Ball bearing	25	70
GTH 250/30K	250	60	1500	Ball bearing	30	70
GTH 252/25K	250	80	1800	Ball bearing	25	90
GTH 252/30K	250	80	1800	Ball bearing	30	90
GTH 254/40K	250	130	3000	Ball bearing	40	140
GTH 301/25K	300	45	1300	Ball bearing	25	60
GTH 300/30K	300	60	1800	Ball bearing	30	70
GTH 302/30K	300	80	2400	Ball bearing	30	90
GTH 302/35K	300	80	2400	Ball bearing	35	90
GTH 304/35K	300	100	3000	Ball bearing	35	120
GTH 360/35K	360	60	2400	Ball bearing	35	75
GTH 362/40K	360	75	2500	Ball bearing	40	90
GTH 363/40K	360	100	3600	Ball bearing	40	100
GTH 364/40K	360	120	3800	Ball bearing	40	120
GTH 400/35K	400	60	2400	Ball bearing	35	75
GTH 402/40K	400	80	3000	Ball bearing	40	90
GTH 404/40K	400	100	3800	Ball bearing	40	120
GTH 406/50K	400	125	5000	Ball bearing	50	125
GTH 500/50K	500	100	5000	Ball bearing	50	100
GTH 504/60K	500	150	7500	Ball bearing	60	150
GTH 506/80K	500	200	10000	Ball bearing	80	200
GTH 602/80K	600	150	9000	Ball bearing	80	150
GTH 604/80K	600	200	12000	Ball bearing	80	200
GTH 750/120K	750	200	15000	Ball bearing	120	200
GTH 1000/160PR	1000	300	30000	Spherical roller brg.	160	330

Further dimensions upon request

**Options**



	Antistatic version, non-marking grey	Drive wheels with hub keyway
Technical description page	36, 39	57
Product code suffix	-AS	GTHN series
Available for	upon request	refer to page 463

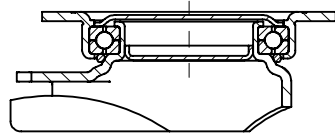
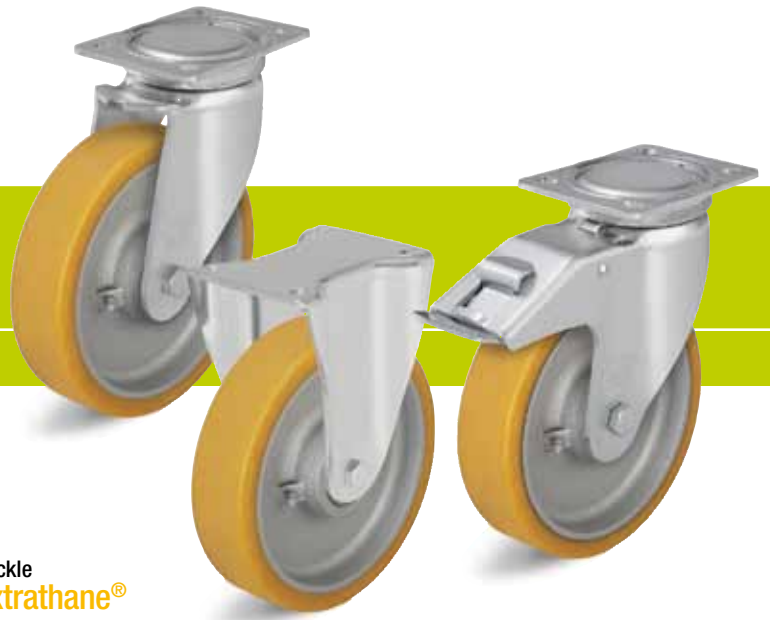


Series: LU-GTH, BH-GTH

**Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with Blickle Extrathane® polyurethane tread**

600 - 750 kg

RoHS



**Brackets:** LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** GTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of rugged grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, silver. Bearing type: Two pressed-in ball bearings. Detailed description: Page 258 and 48



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LU-GTH 127K	BH-GTH 127K	LU-GTH 127K-FI	125	50	600	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-GTH 150K	BH-GTH 150K	LU-GTH 150K-FI	150	50	750	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-GTH 160K	BH-GTH 160K	LU-GTH 160K-FI	160	50	750	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-GTH 200K	BH-GTH 200K	LU-GTH 200K-FI	200	50	750	Ball bearing	245	140 x 110	105 x 75-80	11	63

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**Options**



	Antistatic version, non-marking grey	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	36, 39	83	84
Product code suffix	-AS	RI-05.03	-FS
Available for	upon request	all sizes	upon request

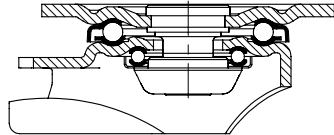
\* Only for swivel castors without brake

Series: LH-VSTH, BH-VSTH, LH-GTH, BH-GTH

**Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with Blickle Extrathane® polyurethane tread**

280 - 900 kg

RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 66  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

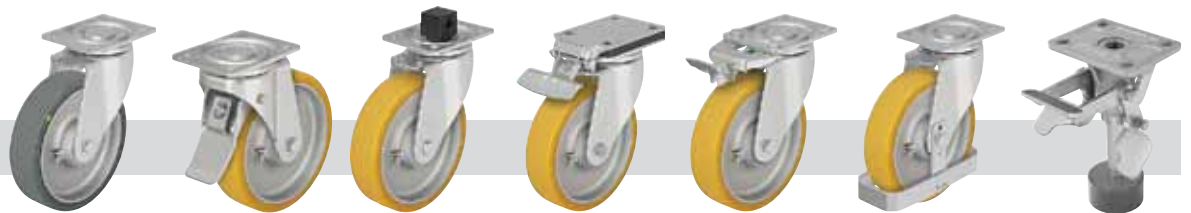
**Wheels:** VSTH/GTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining.  
Wheel centre: VSTH series: Made of steel.  
GTH series: Made of rugged grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, silver.  
Bearing type: Two pressed-in ball bearings.  
Detailed description: Page 258, 259 and 48



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-VSTH 62K			60	60	320	Ball bearing	92	100 x 85	80 x 60	9	45
LH-VSTH 80K	BH-VSTH 80K	LH-VSTH 80K-FI	80	40	280	Ball bearing	120	100 x 85	80 x 60	9	45
LH-VSTH 82K			80	70	500	Ball bearing	112	100 x 85	80 x 60	9	45
LH-GTH 100K-1	BH-GTH 100K-1	LH-GTH 100K-1-FI	100	40	400	Ball bearing	140	100 x 85	80 x 60	9	45
LH-GTH 100K-3	BH-GTH 100K-3	LH-GTH 100K-3-FI	100	40	400	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-GTH 125K-1	BH-GTH 125K-1	LH-GTH 125K-1-FI	125	40	500	Ball bearing	165	100 x 85	80 x 60	9	45
LH-GTH 125K-3	BH-GTH 125K-3	LH-GTH 125K-3-FI	125	40	500	Ball bearing	165	140 x 110	105 x 75-80	11	45
LH-GTH 127K	BH-GTH 127K	LH-GTH 127K-FI	125	50	600	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-GTH 150K	BH-GTH 150K	LH-GTH 150K-FI	150	50	750	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-GTH 160K	BH-GTH 160K	LH-GTH 160K-FI	160	50	800	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-GTH 175K	BH-GTH 175K	LH-GTH 175K-FI	175	50	875	Ball bearing	220	140 x 110	105 x 75-80	11	67
LH-GTH 200K	BH-GTH 200K	LH-GTH 200K-FI	200	50	900	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-GTH 202K	BG-GTH 202K *	**	200	80	800	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-GTH 250K	BH-GTH 250K	**	250	60	900	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* Welded steel construction, for technical description refer to page 262  
\*\* For the 'stop-top' brake version refer to 'Options'

**Options**



	Antistatic version, non-marking grey	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm ***	Directional lock (retro-fit) 1 x 360°	With steel foot guard	Truck lock
Technical description page	36, 39	80	81	80	83	84	82, 483
Product code suffix	-AS	-ST	-CS13	-IS	refer to ****	-FS	FF 125/150/160/200
Available for	upon request	wheel Ø 80x40, 100 - 250 mm	wheel Ø 125x50, 160, 200x50, 250 mm	wheel Ø 125x50, 160, 200x50, 250 mm	for wheel Ø and plate dim. refer to ****	upon request	wheel Ø 125x50, 150, 160, 200 mm

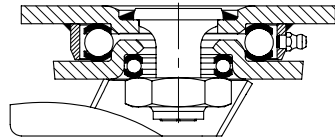
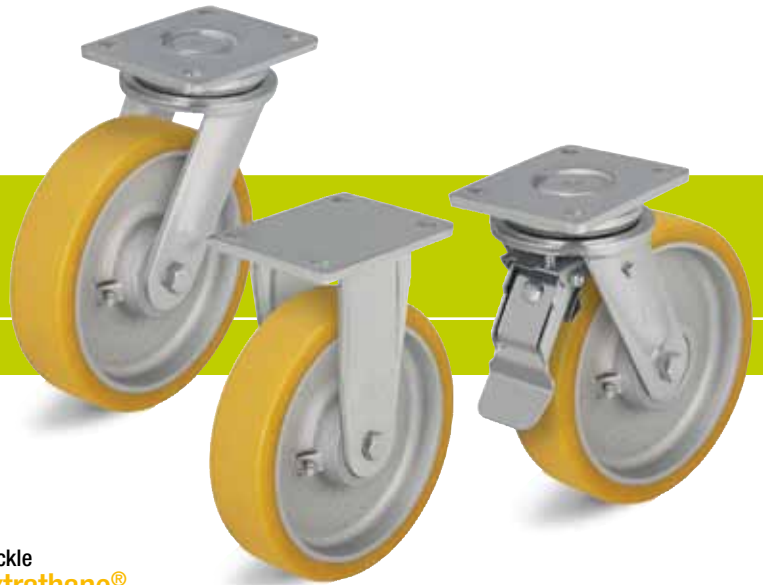
\*\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**  
\*\*\*\* **RI-04.01** available for wheel Ø 80x40, 100, 125 mm with plate 100x85 mm, **RI-04.03** available for wheel Ø 100 - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x50 - 200x50 mm (only for swivel castors without brake)

Series: LO-GTH, BO-GTH

## Welded steel heavy duty castors, wheel with Blickle Extrathane® polyurethane tread

600 - 1200 kg

✓RoHS



**Brackets:** LO/BO series - Sturdy welded steel construction, swivel bracket with double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 67 Top plate drawings: Page 77 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** GTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of rugged grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, silver. Bearing type: Two pressed-in ball bearings. Detailed description: Page 258, 259 and 48



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-GTH 127K	BO-GTH 127K	LO-GTH 127K-ST	125	50	600	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-GTH 150K	BO-GTH 150K	LO-GTH 150K-ST	150	50	750	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-GTH 160K	BO-GTH 160K	LO-GTH 160K-ST	160	50	800	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-GTH 200K	BO-GTH 200K	LO-GTH 200K-ST	200	50	1000	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-GTH 202K	BO-GTH 202K	LO-GTH 202K-ST	200	80	1100	Ball bearing	245	140 x 110	105 x 75-80	11	65
LO-GTH 251K	BO-GTH 251K	LO-GTH 251K-ST	250	50	1200	Ball bearing	295	140 x 110	105 x 75-80	11	70
LO-GTH 250K	BO-GTH 250K	LO-GTH 250K-ST	250	60	1200	Ball bearing	295	140 x 110	105 x 75-80	11	70

### Options



	Antistatic version, non-marking grey	With plate size 175 x 140 mm	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	36, 39	78	83	83	84	82, 483
Product code suffix	-AS	-35	-RI2	-RI4	-FS	FF 125/150/160/200
Available for	upon request	upon request	wheel Ø 125 - 200x50 mm	wheel Ø 125 - 200x50 mm	upon request	wheel Ø 125-200 mm

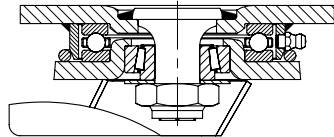


Series: LS-GTH, BS-GTH

**Welded steel heavy duty castors, strong swivel head design, wheel with Blickle Extrathane® polyurethane tread**

600 - 12000 kg

RoHS



**Brackets:** LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle.  
 Wheel Ø 125-400 mm: Zinc-plated, yellow-passivated, Cr6-free.  
 Wheel Ø 500-600 mm: Lacquered, red.  
 Bracket overview: Page 68  
 Top plate drawings: Page 77 and 78  
 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** GTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining.  
 Wheel centre: Made of rugged grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, silver.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 258, 259 and 48



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-GTH 127K	BS-GTH 127K	LS-GTH 127K-ST	125	50	600	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-GTH 150K	BS-GTH 150K	LS-GTH 150K-ST	150	50	750	Ball bearing	200	140 x 110	105 x 75-80	11	55
LS-GTH 160K	BS-GTH 160K	LS-GTH 160K-ST	160	50	800	Ball bearing	205	140 x 110	105 x 75-80	11	55
LS-GTH 200K	BS-GTH 200K	LS-GTH 200K-ST	200	50	1000	Ball bearing	245	140 x 110	105 x 75-80	11	60
LS-GTH 202K	BS-GTH 202K	LS-GTH 202K-ST	200	80	1600	Ball bearing	255	175 x 140	140 x 105	14	65
LS-GTH 250K	BS-GTH 250K	LS-GTH 250K-ST	250	60	1500	Ball bearing	305	175 x 140	140 x 105	14	75
LS-GTH 252K	BS-GTH 252K	LS-GTH 252K-ST	250	80	1800	Ball bearing	305	175 x 140	140 x 105	14	75
LS-GTH 300K	BS-GTH 300K	LS-GTH 300K-ST	300	60	1800	Ball bearing	355	175 x 140	140 x 105	14	85
LS-GTH 302K	BS-GTH 302K	LS-GTH 302K-ST	300	80	2400	Ball bearing	355	175 x 140	140 x 105	14	85
LS-GTH 304K	BS-GTH 304K	*	300	100	3000	Ball bearing	370	200 x 160	160 x 120	14	85
LS-GTH 362K	BS-GTH 362K	*	360	75	2500	Ball bearing	430	200 x 160	160 x 120	14	100
LS-GTH 364K	BS-GTH 364K	*	360	120	3800	Ball bearing	430	255 x 200	210 x 160	18	100
LS-GTH 402K	BS-GTH 402K	*	400	80	3000	Ball bearing	470	200 x 160	160 x 120	14	100
LS-GTH 406K	BS-GTH 406K	*	400	125	5000	Ball bearing	480	255 x 200	210 x 160	18	125
LS-GTH 504K	BS-GTH 504K	*	500	150	7500	Ball bearing	630	400 x 300	340 x 240	26	125
LS-GTH 604K	BS-GTH 604K	*	600	200	12000	Ball bearing	730	400 x 300	340 x 240	26	130

\* For the 'Radstop' brake version refer to 'Options'

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**Options**



	Image with red lacquered bracket Ø 500-600 mm	Antistatic version, non-marking grey	With 'Radstop' wheel brake	With directional lock 2 x 180° (-RI2) / 4 x 90° (-RI4)	With directional lock 4 x 90° (hand-operated)	With steel foot guard	Truck lock
Technical description page		36, 39	81	83	83	84	82, 483
Product code suffix		-AS	-RAH	-RI2 / -RI4	-RI4H	-FS	FF 125/150/160/200
Available for		upon request	Ø 300x100 or larger upon request	wheel Ø 125 - 300x80 mm	Ø 300x100 or larger upon request	upon request	wheel Ø 125 - 200x50 mm

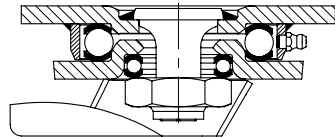


Series: LOD-VSTH, BOD-VSTH, LOD-ALTH, BOD-ALTH, LOD-GTH, BOD-GTH

## Welded steel heavy duty twin wheel castors, wheels with Blickle Extrathane® polyurethane tread

500 - 900 kg

✓RoHS



**Brackets:** LOD/BOD series - Sturdy welded steel construction, swivel bracket with double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 68  
Top plate drawings: Page 77

**Wheels:** VSTH/ALTH/GTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining.  
Wheel centre: VSTH series: Made of steel.  
ALTH series: Made of die-cast aluminium.  
GTH series: Made of rugged grey cast iron, lacquered, silver.  
Bearing type: Two pressed-in ball bearings.  
Detailed description: Page 246, 258 and 48



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LOD-VSTH 75K	BOD-VSTH 75K	75	2 x 40	500	Ball bearing	123	110 x 140 *	75-80 x 105	11	40
LOD-ALTH 101K	BOD-ALTH 101K	100	2 x 40	600	Ball bearing	145	110 x 140 *	75-80 x 105	11	45
LOD-GTH 125K	BOD-GTH 125K	125	2 x 40	900	Ball bearing	170	110 x 140 *	75-80 x 105	11	50

\* Fixed castors: Long plate side is parallel to the axle

### Options



Antistatic version, non-marking grey

Technical description page 36, 39

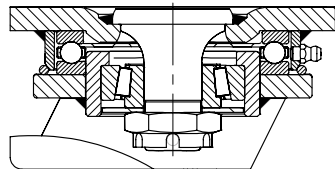
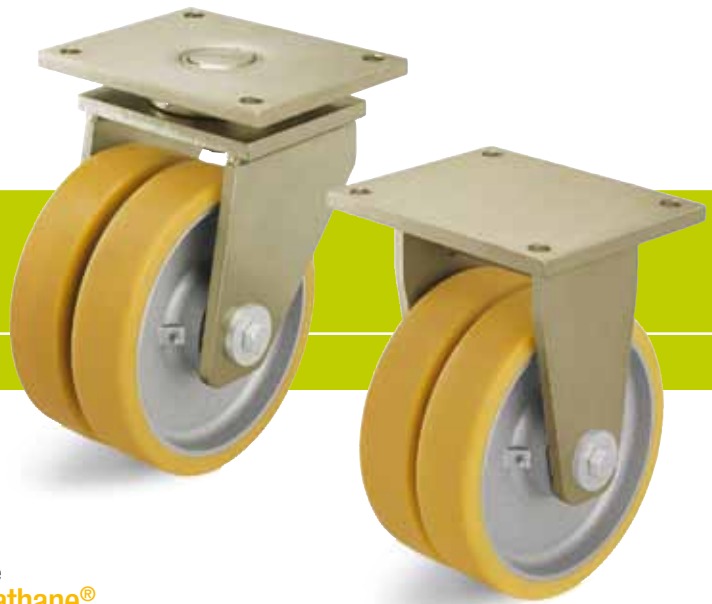
Product code suffix -AS

Available for upon request

Series: LSD-VSTH, BSD-VSTH, LSD-GTH, BSD-GTH

**Welded steel heavy duty twin wheel castors, strong swivel head design, wheels with Blickle Extrathane® polyurethane tread**

520 - 10000 kg RoHS



**Brackets:** LSD/BSL series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
 Bolted wheel axle.  
 Wheel Ø 80-360 mm: Zinc-plated, yellow-passivated, Cr6-free.  
 Wheel Ø 400-500 mm: Lacquered, red.  
 Bracket overview: Page 68  
 Top plate drawings: Page 77 and 78

**Wheels:** VSTH/GTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining.  
 Wheel centre: VSTH series: Made of steel.  
 GTH series: Made of rugged grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, silver.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 258, 259 and 48



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSD-VSTH 80K	BSD-VSTH 80K	80	2 x 40	520	Ball bearing	125	110 x 140 *	75-80 x 105	11	40
LSD-GTH 100K	BSD-GTH 100K	100	2 x 40	720	Ball bearing	145	110 x 140 *	75-80 x 105	11	45
LSD-GTH 127K	BSD-GTH 127K	125	2 x 50	1000	Ball bearing	185	140 x 175 *	105 x 140	14	50
LSD-GTH 150K-35	BSD-GTH 150K-35	150	2 x 50	1350	Ball bearing	215	140 x 175 *	105 x 140	14	55
LSD-GTH 200K-35	BSD-GTH 200K-35	200	2 x 50	1800	Ball bearing	260	140 x 175 *	105 x 140	14	60
LSD-GTH 202K	BSD-GTH 202K	200	2 x 80	2800	Ball bearing	280	200 x 255 *	160 x 210	18	60
LSD-GTH 250K	BSD-GTH 250K	250	2 x 60	2700	Ball bearing	330	200 x 255 *	160 x 210	18	70
LSD-GTH 252K	BSD-GTH 252K	250	2 x 80	3200	Ball bearing	330	200 x 255 *	160 x 210	18	70
LSD-GTH 302K	BSD-GTH 302K	300	2 x 80	4300	Ball bearing	390	200 x 255 *	160 x 210	18	80
LSD-GTH 304K	BSD-GTH 304K	300	2 x 100	5400	Ball bearing	390	200 x 255 *	160 x 210	18	80
	BSD-GTH 304K	300	2 x 100	5400	Ball bearing	390	200 x 300 *	160 x 210	18	
LSD-GTH 362K	BSD-GTH 362K	360	2 x 75	4500	Ball bearing	450	200 x 255 *	160 x 210	18	90
LSD-GTH 404K-42	BSD-GTH 404K-42	400	2 x 100	6800	Ball bearing	530	300 x 400 *	240 x 340	26	125
LSD-GTH 504K	BSD-GTH 504K	500	2 x 150	10000	Ball bearing	630	300 x 400 *	240 x 340	26	125

\* Fixed castors: Long plate side is parallel to the axle



**Options**

	Image with red lacquered bracket Ø 400-500 mm	Antistatic version, non-marking grey	With 'Radstop' wheel brake up to wheel Ø 200x50 mm	With 'Radstop' wheel brake, wheel Ø 200x80 mm or larger	With directional lock 2 x 180° (-RI2) / 4 x 90° (-RI4)	With directional lock 4 x 90° (hand-operated)	With steel foot guard
Technical description page		36, 39	81	81	83	83	84
Product code suffix		-AS	-RA	-RAH	-RI2 / -RI4	-RI4H	-FS
Available for		upon request	upon request	upon request	wheel Ø 80-200x50 upon request	wheel Ø 200x80 or larger upon request	upon request

## Heavy duty wheels and castors with cast polyurethane tread **Blickle Besthane**<sup>®</sup>



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## Table of Contents



### VSB/GB

Series	VSB/GB
Wheel Ø	80 - 1000 mm
Load capacity	400 - 30000 kg
<b>Page</b>	<b>268/269</b>

### LU



Series	LU-GB
Wheel Ø	125 - 200 mm
Load capacity	700 - 750 kg
<b>Page</b>	<b>270</b>

### LH



Series	LH-VSB/GB
Wheel Ø	80 - 250 mm
Load capacity	400 - 900 kg
<b>Page</b>	<b>271</b>

### LS



Series	LS-GB
Wheel Ø	125 - 600 mm
Load capacity	700 - 12000 kg
<b>Page</b>	<b>272</b>

### LSD



Series	LSB-GB
Wheel Ø	100 - 500 mm
Load capacity	720 - 10000 kg
<b>Page</b>	<b>273</b>

Series: VSB, GB, wheel Ø 80 - 200 mm

## Heavy duty wheels with Blickle Besthane® polyurethane tread, with steel or cast iron wheel centre

400 - 1600 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### VSB, GB-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, very low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** VSB series: Made of steel.

GB series: Made of rugged grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, colour silver.

### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 48**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 10 km/h * [kg]	Load cap. at 16 km/h * [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VSB 82/20K	80	70	500	300	-	Ball bearing	20	70
GB 100/15K	100	40	400	240	-	Ball bearing	15	40
GB 101/20-50K	100	50	500	300	-	Ball bearing	20	50
GB 101/20K	100	50	500	300	-	Ball bearing	20	60
GB 125/15K	125	40	500	300	-	Ball bearing	15	45
GB 128/20K	125	60	700	420	-	Ball bearing	20	60
GB 140/20K	140	54	800	480	-	Ball bearing	20	60
GB 150/20-50K	150	50	750	450	-	Ball bearing	20	50
GB 150/20K	150	50	750	450	-	Ball bearing	20	60
GB 152/20K	150	60	850	500	-	Ball bearing	20	60
GB 152/25K	150	60	850	500	-	Ball bearing	25	60
GB 154/25K	150	80	1050	630	-	Ball bearing	25	80
GB 160/20K	160	50	800	480	-	Ball bearing	20	60
GB 160/25K	160	50	800	480	-	Ball bearing	25	60
GB 180/20K	180	50	900	550	-	Ball bearing	20	60
GB 180/25K	180	50	900	550	-	Ball bearing	25	60
GB 182/25K	180	65	1100	700	-	Ball bearing	25	75
GB 184/25K	180	80	1400	900	-	Ball bearing	25	80
GB 200/20K	200	50	1000	700	400	Ball bearing	20	60
GB 200/25K	200	50	1000	700	400	Ball bearing	25	60
GB 201/25K	200	60	1200	800	450	Ball bearing	25	60
GB 202/25K	200	80	1600	1100	600	Ball bearing	25	90
GB 202/30K	200	80	1600	1100	600	Ball bearing	30	90
GB 202/35K	200	80	1600	1100	600	Ball bearing	35	90

\* Considerably higher load capacities are possible for applications without obstacles

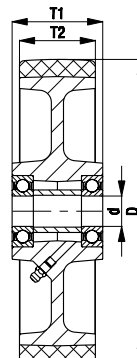
For further wheel Ø refer to the next page

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### Options



	Hydrolysis resistant, with cast nylon wheel centre	Drive wheels with hub keyway	Hub fitting wheels
Technical description page	39	57	58
<b>Product code suffix</b>	<b>GSP0B series</b>	<b>GBN series</b>	<b>GBA series</b>
Available for	upon request	refer to page 464-465	refer to page 469





Series: GB, wheel Ø 250 - 1000 mm

**Heavy duty wheels with Blickle Besthane® polyurethane tread, with cast iron wheel centre**

1250 - 30000 kg RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



**GB-wheel series:**

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®. 92° shore A hardness, low-noise operation, very low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron, with grease nipple, lacquered, colour silver.

**Bearing types:**

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Spherical roller bearing: Two pressed-in spherical roller bearings, sealed, extremely rugged, very durable, lubricated with long-life grease.

**Other features:**

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 48**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 10 km/h * [kg]	Load cap. at 16 km/h * [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GB 251/25K	250	50	1250	850	500	Ball bearing	25	60
GB 251/30K	250	50	1250	850	500	Ball bearing	30	60
GB 250/25K	250	60	1500	1000	550	Ball bearing	25	70
GB 250/30K	250	60	1500	1000	550	Ball bearing	30	70
GB 250/35K	250	60	1500	1000	550	Ball bearing	35	70
GB 252/25K	250	80	1800	1400	750	Ball bearing	25	90
GB 252/30K	250	80	2000	1400	750	Ball bearing	30	90
GB 253/35K	250	100	2500	1700	1000	Ball bearing	35	100
GB 254/40K	250	130	3000	2100	1200	Ball bearing	40	140
GB 300/30K	300	60	1800	1200	700	Ball bearing	30	70
GB 302/30K	300	80	2400	1600	900	Ball bearing	30	90
GB 302/35K	300	80	2400	1600	900	Ball bearing	35	90
GB 304/35K	300	100	3000	2000	1200	Ball bearing	35	120
GB 306/50K	300	140	3700	2800	1600	Ball bearing	50	140
GB 362/40K	360	75	2500	1700	1000	Ball bearing	40	90
GB 363/40K	360	100	3600	2400	1350	Ball bearing	40	100
GB 364/40K	360	120	3800	2800	1600	Ball bearing	40	120
GB 402/40K	400	80	3000	2200	1200	Ball bearing	40	90
GB 404/40K	400	100	3800	2600	1500	Ball bearing	40	120
GB 406/50K	400	125	5000	3300	1800	Ball bearing	50	125
GB 408/50K	400	150	5700	4000	2200	Ball bearing	50	150
GB 500/50K	500	100	5000	3300	1800	Ball bearing	50	100
GB 504/60K	500	150	7500	5000	2800	Ball bearing	60	150
GB 506/80K	500	200	10000	6500	3700	Ball bearing	80	200
GB 602/80K	600	150	9000	6000	3400	Ball bearing	80	150
GB 604/80K	600	200	12000	8000	4500	Ball bearing	80	200
GB 750/120K	750	200	15000	10000	5500	Ball bearing	120	200
GB 1000/160PR	1000	300	30000	20000	11000	Sph. rol. brg.	160	330

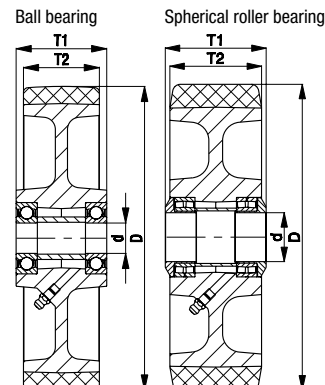
\* Considerably higher load capacities are possible for applications without obstacles

Further dimensions upon request

**Options**



	Hydrolysis resistant, with cast nylon wheel centre	Drive wheels with hub keyway	Hub fitting wheels
Technical description page	39	57	58
<b>Product code suffix</b>	<b>GSP0B series</b>	<b>GBN series</b>	<b>GBA series</b>
Available for	upon request	refer to page 464-465	refer to page 469

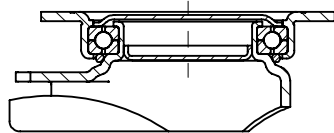
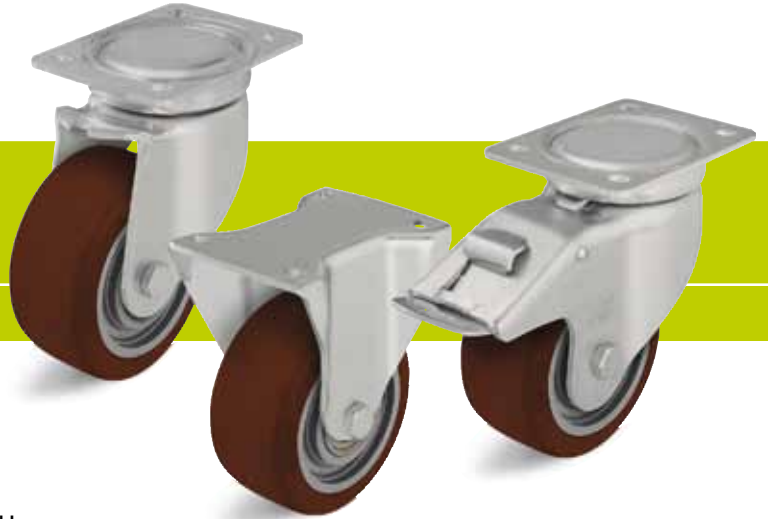


Series: LU-GB, BH-GB

**Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with Blickle Besthane® polyurethane tread**

700 - 750 kg

RoHS



**Brackets:** LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview: Page 66

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** GB series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane®, 92° shore A, **high dynamic load capacity**, brown, non-marking, non-staining.

Wheel centre: Made of rugged grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, silver. Bearing type: Two pressed-in ball bearings.

Detailed description: Page 268 and 48



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LU-GB 128K	BH-GB 128K	LU-GB 128K-FI	125	60	700	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-GB 150K	BH-GB 150K	LU-GB 150K-FI	150	50	750	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-GB 160K	BH-GB 160K	LU-GB 160K-FI	160	50	750	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-GB 200K	BH-GB 200K	LU-GB 200K-FI	200	50	750	Ball bearing	245	140 x 110	105 x 75-80	11	63

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**Options**

	With hydrolysis resistant wheel	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	39	83	84
Product code suffix	<b>GSPOB series</b>	<b>RI-05.03</b>	<b>-FS</b>
Available for	upon request	all sizes	upon request

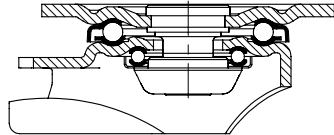
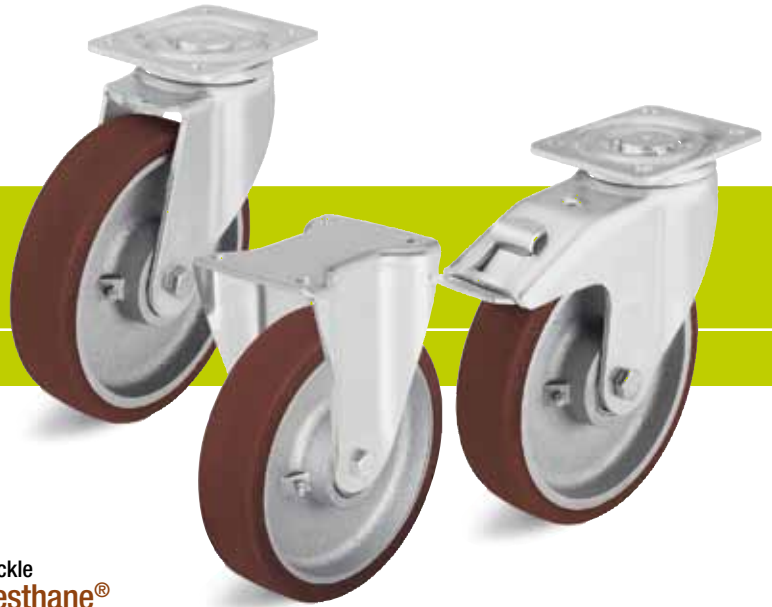
\* Only for swivel castors without brake

Series: LH-VSB, BH-VSB, LH-GB, BH-GB

**Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with Blickle Besthane® polyurethane tread**

400 - 900 kg

RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 66  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VSB/GB series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane®, 92° shore A, **high dynamic load capacity**, brown, non-marking, non-staining.  
 Wheel centre: VSB series: Made of steel.  
 GB series: Made of rugged grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, silver.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 268, 269 and 48



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-VSB 82K			80	70	500	Ball bearing	112	100 x 85	80 x 60	9	45
LH-GB 100K-1	BH-GB 100K-1	LH-GB 100K-1-FI	100	40	400	Ball bearing	140	100 x 85	80 x 60	9	45
LH-GB 100K-3	BH-GB 100K-3	LH-GB 100K-3-FI	100	40	400	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-GB 125K-1	BH-GB 125K-1	LH-GB 125K-1-FI	125	40	500	Ball bearing	165	100 x 85	80 x 60	9	45
LH-GB 125K-3	BH-GB 125K-3	LH-GB 125K-3-FI	125	40	500	Ball bearing	165	140 x 110	105 x 75-80	11	45
LH-GB 128K	BH-GB 128K	LH-GB 128K-FI	125	60	700	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-GB 150K	BH-GB 150K	LH-GB 150K-FI	150	50	750	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-GB 160K	BH-GB 160K	LH-GB 160K-FI	160	50	800	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-GB 180K	BH-GB 180K	LH-GB 180K-FI	180	50	900	Ball bearing	223	140 x 110	105 x 75-80	11	65
LH-GB 200K	BH-GB 200K	LH-GB 200K-FI	200	50	900	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-GB 202K	BH-GB 202K *	**	200	80	800	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-GB 250K	BH-GB 250K	**	250	60	900	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* Welded steel construction

\*\* For the 'stop-top' brake version refer to 'Options'

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**Options**



	With hydrolysis resistant wheel	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm ***	Directional lock (retro-fit) 1 x 360°	With steel foot guard	Truck lock
Technical description page	39	80	81	80	83	84	82, 483
Product code suffix	<b>GSPOB series</b>	<b>-ST</b>	<b>-CS13</b>	<b>-IS</b>	<b>refer to ****</b>	<b>-FS</b>	<b>FF 125/150/160/200</b>
Available for	upon request	wheel Ø 100-250 mm	wheel Ø 125x60, 160, 200x50, 250 mm	wheel Ø 125x60, 160, 200x50, 250 mm	for wheel Ø and plate dim. refer to ****	upon request	wheel Ø 125x60, 150, 160, 200 mm

\*\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

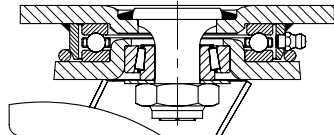
\*\*\*\* **RI-04.01** available for wheel Ø 100 - 125 mm with plate 100x85 mm, **RI-04.03** available for wheel Ø 100 - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x60 - 200x50 mm (only for swivel castors without brake)

Series: LS-GB, BS-GB

**Welded steel heavy duty castors, strong swivel head design, wheel with Blickle Besthane® polyurethane tread**

700 - 12000 kg

RoHS



**Brackets:** LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle.  
 Wheel Ø 125-400 mm: Zinc-plated, yellow-passivated, Cr6-free.  
 Wheel Ø 500-600 mm: Lacquered, red.  
 Bracket overview: Page 68  
 Top plate drawings: Page 77 and 78  
 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** GB series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane®, 92° shore A, **high dynamic load capacity**, brown, non-marking, non-staining.  
 Wheel centre: Made of rugged grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, silver.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 268, 269 and 48



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-GB 128K	BS-GB 128K	LS-GB 128K-ST	125	60	700	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-GB 150K	BS-GB 150K	LS-GB 150K-ST	150	50	750	Ball bearing	200	140 x 110	105 x 75-80	11	55
LS-GB 152K	BS-GB 152K	LS-GB 152K-ST	150	60	850	Ball bearing	200	140 x 110	105 x 75-80	11	55
LS-GB 154K	BS-GB 154K	LS-GB 154K-ST	150	80	1050	Ball bearing	205	175 x 140	140 x 105	14	65
LS-GB 160K	BS-GB 160K	LS-GB 160K-ST	160	50	800	Ball bearing	205	140 x 110	105 x 75-80	11	55
LS-GB 200K	BS-GB 200K	LS-GB 200K-ST	200	50	1000	Ball bearing	245	140 x 110	105 x 75-80	11	60
LS-GB 202K	BS-GB 202K	LS-GB 202K-ST	200	80	1600	Ball bearing	255	175 x 140	140 x 105	14	65
LS-GB 250K	BS-GB 250K	LS-GB 250K-ST	250	60	1500	Ball bearing	305	175 x 140	140 x 105	14	75
LS-GB 252K	BS-GB 252K	LS-GB 252K-ST	250	80	1800	Ball bearing	305	175 x 140	140 x 105	14	75
LS-GB 300K	BS-GB 300K	LS-GB 300K-ST	300	60	1800	Ball bearing	355	175 x 140	140 x 105	14	85
LS-GB 302K	BS-GB 302K	LS-GB 302K-ST	300	80	2400	Ball bearing	355	175 x 140	140 x 105	14	85
LS-GB 304K	BS-GB 304K	*	300	100	3000	Ball bearing	370	200 x 160	160 x 120	14	85
LS-GB 362K	BS-GB 362K	*	360	75	2500	Ball bearing	430	200 x 160	160 x 120	14	100
LS-GB 364K	BS-GB 364K	*	360	120	3800	Ball bearing	430	255 x 200	210 x 160	18	100
LS-GB 402K	BS-GB 402K	*	400	80	3000	Ball bearing	470	200 x 160	160 x 120	14	100
LS-GB 406K	BS-GB 406K	*	400	125	5000	Ball bearing	480	255 x 200	210 x 160	18	125
LS-GB 504K	BS-GB 504K	*	500	150	7500	Ball bearing	630	400 x 300	340 x 240	26	125
LS-GB 604K	BS-GB 604K	*	600	200	12000	Ball bearing	730	400 x 300	340 x 240	26	130

\* For the 'Radstop' brake version refer to 'Options'

**Options**



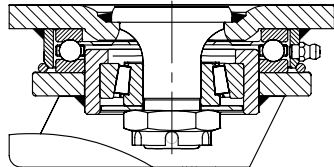
	Image with red lacquered bracket Ø 500-600 mm	With hydrolysis resistant wheel	With 'Radstop' wheel brake	With directional lock 2 x 180° (-RI2) / 4 x 90° (-RI4)	With directional lock 4 x 90° (hand-operated)	With steel foot guard	Truck lock
Technical description page		39	81	83	83	84	82, 483
Product code suffix		<b>GSPOB series</b>	<b>-RAH</b>	<b>-RI2 / -RI4</b>	<b>-RI4H</b>	<b>-FS</b>	<b>FF 125/150/160/200</b>
Available for		upon request	Ø 300x100 or larger upon request	wheel Ø 125 - 300x80 mm	Ø 300x100 or larger upon request	upon request	wheel Ø 125 - 200x50 mm



Series: LSD-GB, BSD-GB

**Welded steel heavy duty twin wheel castors, strong swivel head design, wheels with Blickle Besthane® polyurethane tread**

720 - 10000 kg RoHS



**Brackets:** LSD/BSG series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
 Bolted wheel axle.  
 Wheel Ø 100-300 mm: Zinc-plated, yellow-passivated, Cr6-free.  
 Wheel Ø 400-500 mm: Lacquered, red.  
 Bracket overview: Page 68  
 Top plate drawings: Page 77 and 78

**Wheels:** GB series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane®, 92° shore A, **high dynamic load capacity**, brown, non-marking, non-staining.  
 Wheel centre: Made of rugged grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, silver.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 268, 269 and 48



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSD-GB 100K	BSD-GB 100K	100	2 x 40	720	Ball bearing	145	110 x 140 *	75-80 x 105	11	45
LSD-GB 128K	BSD-GB 128K	125	2 x 60	1250	Ball bearing	185	140 x 175 *	105 x 140	14	50
LSD-GB 150K-35	BSD-GB 150K-35	150	2 x 50	1350	Ball bearing	215	140 x 175 *	105 x 140	14	55
LSD-GB 200K-35	BSD-GB 200K-35	200	2 x 50	1800	Ball bearing	260	140 x 175 *	105 x 140	14	60
LSD-GB 202K	BSD-GB 202K	200	2 x 80	2800	Ball bearing	280	200 x 255 *	160 x 210	18	60
LSD-GB 250K	BSD-GB 250K	250	2 x 60	2700	Ball bearing	330	200 x 255 *	160 x 210	18	70
LSD-GB 252K	BSD-GB 252K	250	2 x 80	3200	Ball bearing	330	200 x 255 *	160 x 210	18	70
LSD-GB 302K	BSD-GB 302K	300	2 x 80	4300	Ball bearing	390	200 x 255 *	160 x 210	18	80
LSD-GB 304K		300	2 x 100	5400	Ball bearing	390	200 x 255 *	160 x 210	18	80
	BSD-GB 304K	300	2 x 100	5400	Ball bearing	390	200 x 300 *	160 x 210	18	
LSD-GB 404K-42	BSD-GB 404K-42	400	2 x 100	6800	Ball bearing	530	300 x 400 *	240 x 340	26	125
LSD-GB 504K	BSD-GB 504K	500	2 x 150	10000	Ball bearing	630	300 x 400 *	240 x 340	26	125

\* Fixed castors: Long plate side is parallel to the axle

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Options							
	Image with red lacquered bracket Ø 400-500 mm	With hydrolysis resistant wheel	With 'Radstop' wheel brake up to wheel Ø 200x50 mm	With 'Radstop' wheel brake, wheel Ø 200x80 mm or larger	With directional lock 2 x 180° (-RI2) / 4 x 90° (-RI4)	With directional lock 4 x 90° (hand-operated)	With steel foot guard
Technical description page		39	81	81	83	83	84
Product code suffix		GSPOB series	-RA	-RAH	-RI2 / -RI4	-RI4H	-FS
Available for		upon request	upon request	upon request	wheel Ø 100-200x50 upon request	wheel Ø 200x80 or larger upon request	upon request



## Nylon wheels and castors, polypropylene wheels and castors



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## Table of Contents

		LE	LER	LEZ	L	LK	LU	LH	LO
	<b>PO</b> Series PO Wheel Ø 50 - 300 mm Load capacity 75 - 1500 kg <b>Page 276/277</b>								
		LE-PO 60 - 200 mm 150 - 300 kg	LER-PO 60 - 200 mm 150 - 300 kg	LEZ-PO 75 - 200 mm 150 - 270 kg	L-PO 75 - 250 mm 200 - 600 kg	LK-PO 75 - 200 mm 200 - 600 kg	LU-PO 125 - 200 mm 400 - 600 kg	LH-PO 80 - 250 mm 230 - 900 kg	LO-PO 125 - 250 mm 400 - 1000 kg
		<b>278</b>	<b>279</b>	<b>280</b>	<b>281/282</b>	<b>283/284</b>	<b>285</b>	<b>286</b>	<b>287</b>
	<b>POW</b> Series POW Wheel Ø 100 - 125 mm Load capacity 200 - 220 kg <b>Page 288</b>								
		LE-POW 100 - 125 mm 150 kg	LER-POW 100 - 125 mm 150 kg	L-POW 100 - 125 mm 200 kg	LK-POW 100 - 125 mm 200 - 220 kg				
		<b>289</b>	<b>290</b>	<b>291</b>	<b>292</b>				
	<b>PPN</b> Series PPN Wheel Ø 60 - 200 mm Load capacity 80 - 450 kg <b>Page 293</b>								
		LE-PPN 60 - 200 mm 80 - 300 kg	LER-PPN 60 - 200 mm 80 - 300 kg	L-PPN 80 - 200 mm 120 - 400 kg					
		<b>294</b>	<b>295</b>	<b>296</b>					

Series: PO, wheel Ø 50 - 125x40 mm

## Nylon wheels

75 - 300 kg

RoHS



<b>Tread &amp; tyre hardness</b>		70° shore D
<b>Temperature resistance</b>		-25° C - +80° C
<b>Rolling resistance</b>		excellent
<b>Operating noise</b>		reasonable
<b>Floor surface preservation</b>		reasonable

### PO-wheel series:

Made of high-quality, impact-resistant nylon, medium heavy wheel design, 70° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance, colour natural white. (Material description page 40)

### Bearing types:

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected nylon, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +80° C.

At ambient temperatures above +35° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 49**

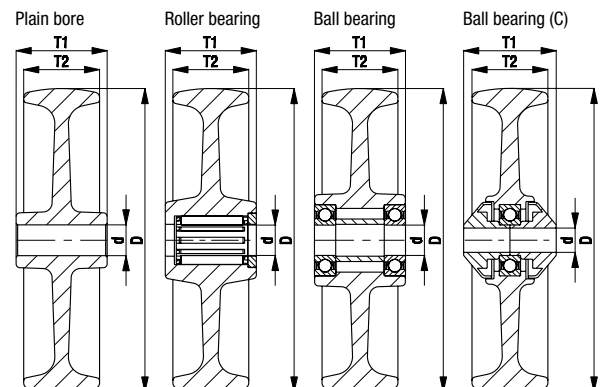
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PO 50/8G	50	18	75	Plain bore	8	22
PO 60/12G	60	29	150	Plain bore	12	35
PO 60/8K	60	32	150	Ball bearing (C)	8	36
PO 76/8G	75	23	100	Plain bore	8	29.5
PO 75/12G	75	32	200	Plain bore	12	35
PO 75/12-45G	75	32	200	Plain bore	12	45
PO 75/12R	75	32	200	Roller bearing	12	35
PO 80/12G	80	32	220	Plain bore	12	35
PO 80/12R	80	32	220	Roller bearing	12	35
PO 80/8K	80	32	220	Ball bearing (C)	8	36
PO 82/15G	80	37	230	Plain bore	15	45
PO 82/15R	80	37	230	Roller bearing	15	45
PO 82/15K	80	37	250	Ball bearing	15	45
PO 101/12G	100	32	240	Plain bore	12	35
PO 100/12G	100	37	280	Plain bore	12	45
PO 100/15G	100	37	280	Plain bore	15	45
PO 100/12R	100	37	280	Roller bearing	12	45
PO 100/15R	100	37	280	Roller bearing	15	45
PO 100/8K	100	37	280	Ball bearing (C)	8	46
PO 100/10K	100	37	280	Ball bearing (C)	10	46
PO 126/12G	125	32	260	Plain bore	12	35
PO 125/12G	125	40	300	Plain bore	12	45
PO 125/15G	125	40	300	Plain bore	15	45
PO 125/20G	125	40	300	Plain bore	20	45
PO 125/12R	125	40	300	Roller bearing	12	45
PO 125/15R	125	40	300	Roller bearing	15	45
PO 125/8K	125	40	300	Ball bearing (C)	8	46
PO 125/10K	125	40	300	Ball bearing (C)	10	46

For further wheel Ø refer to the next page

### Options



	Electrically conductive version, non-marking grey	With stainless steel roller bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page	36, 40	60	61
Product code suffix	-ELS	-XR	-KD
Available for	upon request	all sizes	ball bearing (C) version



Series: PO, wheel Ø 125x50 - 300 mm

## Nylon wheels

350 - 1500 kg

RoHS



<b>Tread &amp; tyre hardness</b>	70° shore D
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	reasonable
<b>Floor surface preservation</b>	reasonable

### PO-wheel series:

Made of high-quality, impact-resistant nylon, medium heavy wheel design, 70° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance, colour natural white. (Material description page 40)

### Bearing types:

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).  
Operating temperature: -25° C to +80° C.  
At ambient temperatures above +35° C the load capacity is reduced.  
Maintenance-free under standard conditions.

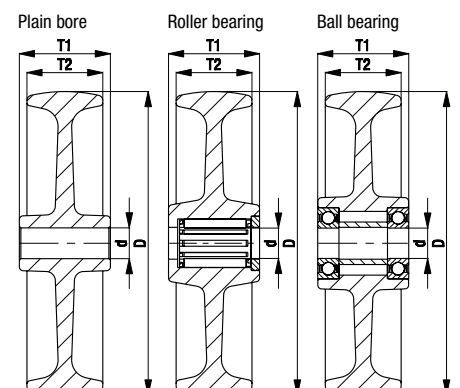
**Wheel series overview page 49**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PO 127/20R	125	50	400	Roller bearing	20	60
PO 127/20K	125	50	400	Ball bearing	20	60
PO 151/15G	150	40	350	Plain bore	15	50
PO 151/20G	150	40	350	Plain bore	20	50
PO 150/20G	150	50	400	Plain bore	20	60
PO 150/20R	150	50	400	Roller bearing	20	60
PO 150/20K	150	50	400	Ball bearing	20	60
PO 160/20G	160	50	450	Plain bore	20	60
PO 160/20R	160	50	450	Roller bearing	20	60
PO 160/20K	160	50	450	Ball bearing	20	60
PO 175/20G	175	50	500	Plain bore	20	60
PO 175/20R	175	50	500	Roller bearing	20	60
PO 175/20K	175	50	500	Ball bearing	20	60
PO 201/15G	200	40	500	Plain bore	15	50
PO 201/20G	200	40	500	Plain bore	20	50
PO 200/20G	200	50	600	Plain bore	20	60
PO 200/20R	200	50	600	Roller bearing	20	60
PO 200/20K	200	50	600	Ball bearing	20	60
PO 200/25K	200	50	600	Ball bearing	25	60
PO 250/25G	250	50	1000	Plain bore	25	60
PO 250/25K	250	50	1000	Ball bearing	25	60
PO 300/30G	300	55	1500	Plain bore	30	65
PO 300/30K	300	55	1500	Ball bearing	30	65

### Options



	Electrically conductive version, non-marking grey	With grease nipple	With stainless steel roller bearing in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	36, 40		60	61
<b>Product code suffix</b>	<b>-ELS</b>	<b>-NI</b>	<b>-XR</b>	<b>-XK</b>
Available for	upon request	upon request	all sizes	upon request

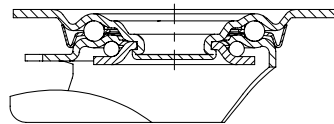


Series: LE-PO, B-PO

## Pressed steel castors with top plate fitting, with nylon wheel

150 - 300 kg

RoHS



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 64  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white.  
Bearing types: Plain bore, roller bearing or a centrally encapsulated ball bearing (C).  
Detailed description: Page 276, 277 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-PO 60G	B-PO 60G		60	29	150	Plain bore	80	100 x 85	80 x 60	9	35
LE-PO 60K	B-PO 60K		60	32	150	Ball bearing (C)	80	100 x 85	80 x 60	9	35
LE-PO 75G	B-PO 75G	LE-PO 75G-FI	75	32	150	Plain bore	100	100 x 85	80 x 60	9	38
LE-PO 75R	B-PO 75R	LE-PO 75R-FI	75	32	150	Roller bearing	100	100 x 85	80 x 60	9	38
LE-PO 80G	B-PO 80G	LE-PO 80G-FI	80	32	150	Plain bore	102	100 x 85	80 x 60	9	38
LE-PO 80R	B-PO 80R	LE-PO 80R-FI	80	32	150	Roller bearing	102	100 x 85	80 x 60	9	38
LE-PO 80K	B-PO 80K	LE-PO 80K-FI	80	32	150	Ball bearing (C)	102	100 x 85	80 x 60	9	38
LE-PO 100G	B-PO 100G	LE-PO 100G-FI	100	37	150	Plain bore	125	100 x 85	80 x 60	9	36
LE-PO 100R	B-PO 100R	LE-PO 100R-FI	100	37	150	Roller bearing	125	100 x 85	80 x 60	9	36
LE-PO 100K	B-PO 100K	LE-PO 100K-FI	100	37	150	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-PO 125G	B-PO 125G	LE-PO 125G-FI	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LE-PO 125R	B-PO 125R	LE-PO 125R-FI	125	40	150	Roller bearing	150	100 x 85	80 x 60	9	40
LE-PO 125K	B-PO 125K	LE-PO 125K-FI	125	40	150	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LE-PO 150G	B-PO 150G	LE-PO 150G-FI	150	50	300	Plain bore	190	140 x 110	105 x 75-80	11	54
LE-PO 150R	B-PO 150R	LE-PO 150R-FI	150	50	300	Roller bearing	190	140 x 110	105 x 75-80	11	54
LE-PO 160G	B-PO 160G	LE-PO 160G-FI	160	50	300	Plain bore	195	140 x 110	105 x 75-80	11	54
LE-PO 160R	B-PO 160R	LE-PO 160R-FI	160	50	300	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-PO 175G	B-PO 175G	LE-PO 175G-FI	175	50	300	Plain bore	213	140 x 110	105 x 75-80	11	54
LE-PO 175R	B-PO 175R	LE-PO 175R-FI	175	50	300	Roller bearing	213	140 x 110	105 x 75-80	11	54
LE-PO 200G	B-PO 200G	LE-PO 200G-FI	200	50	300	Plain bore	235	140 x 110	105 x 75-80	11	54
LE-PO 200R	B-PO 200R	LE-PO 200R-FI	200	50	300	Roller bearing	235	140 x 110	105 x 75-80	11	54

For stainless steel versions refer to page 369

### Options



	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro-fit) 1 x 360°	With synthetic (-FP) or steel (-FS) foot guard	Wheel with additional ball bearing seals
Technical description page	36, 40	84	80	81	83	84	61
Product code suffix	-ELS	-FA	-ST	-CS11	refer to *	-FP / -FS	-KD
Available for	upon request	wheel Ø 75-200 mm	wheel Ø 150-200 mm	wheel Ø 160+200 mm	for wheel Ø and plate dimensions refer to *	upon request	ball bearing (C) version

\* RI-03.01 available for wheel Ø 75, 100, 125 mm, RI-03.03 available for wheel Ø 150 - 200 mm (only for swivel castors without brake)

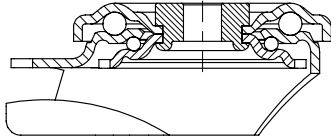


Series: LER-PO

## Pressed steel castors with bolt hole fitting, with nylon wheel

150 - 300 kg

RoHS



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing types: Plain bore, roller bearing or a centrally encapsulated ball bearing (C). Detailed description: Page 276, 277 and 49

Wheel and swivel head 'stop-fix' brake: Page 80

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LER-PO 60G		60	29	150	Plain bore	80	70	13	35
LER-PO 60K		60	32	150	Ball bearing (C)	80	70	13	35
LER-PO 75G	LER-PO 75G-FI	75	32	150	Plain bore	100	70	13	38
LER-PO 75R	LER-PO 75R-FI	75	32	150	Roller bearing	100	70	13	38
LER-PO 80G	LER-PO 80G-FI	80	32	150	Plain bore	102	70	13	38
LER-PO 80R	LER-PO 80R-FI	80	32	150	Roller bearing	102	70	13	38
LER-PO 80K	LER-PO 80K-FI	80	32	150	Ball bearing (C)	102	70	13	38
LER-PO 100G	LER-PO 100G-FI	100	37	150	Plain bore	125	70	13	36
LER-PO 100R	LER-PO 100R-FI	100	37	150	Roller bearing	125	70	13	36
LER-PO 100K	LER-PO 100K-FI	100	37	150	Ball bearing (C)	125	70	13	36
LER-PO 125G	LER-PO 125G-FI	125	40	150	Plain bore	150	70	13	40
LER-PO 125R	LER-PO 125R-FI	125	40	150	Roller bearing	150	70	13	40
LER-PO 125K	LER-PO 125K-FI	125	40	150	Ball bearing (C)	150	70	13	40
LER-PO 150G	LER-PO 150G-FI	150	50	300	Plain bore	190	88	13	54
LER-PO 150R	LER-PO 150R-FI	150	50	300	Roller bearing	190	88	13	54
LER-PO 160G	LER-PO 160G-FI	160	50	300	Plain bore	195	88	13	54
LER-PO 160R	LER-PO 160R-FI	160	50	300	Roller bearing	195	88	13	54
LER-PO 175G	LER-PO 175G-FI	175	50	300	Plain bore	213	88	13	54
LER-PO 175R	LER-PO 175R-FI	175	50	300	Roller bearing	213	88	13	54
LER-PO 200G	LER-PO 200G-FI	200	50	300	Plain bore	235	88	13	54
LER-PO 200R	LER-PO 200R-FI	200	50	300	Roller bearing	235	88	13	54

For stainless steel versions refer to page 370



### Options

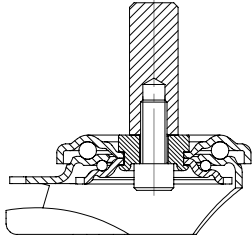
	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	With synthetic foot guard	With steel foot guard	Wheel with additional ball bearing seals
Technical description page	36, 40	84	84	84	61
Product code suffix	-ELS	-FA	-FP	-FS	-KD
Available for	upon request	wheel Ø 75 - 200 mm	wheel Ø 125 mm upon request	wheel Ø 150, 160, 200 upon request	ball bearing (C) version

Series: LEZ-PO

## Pressed steel castors with stem fitting, with nylon wheel

150 - 270 kg

RoHS



**Brackets:** LEZ series - Made of pressed steel, with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. The steel plug-in stem and central kingpin are either bolted and secured or made of one piece. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing type: Plain bore. Detailed description: Page 276, 277 and 49

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LEZ-PO 75G	LEZ-PO 75G-FI	75	32	150	Plain bore	100	20	50	38
LEZ-PO 80G	LEZ-PO 80G-FI	80	32	150	Plain bore	102	20	50	38
LEZ-PO 100G	LEZ-PO 100G-FI	100	37	150	Plain bore	125	20	50	36
LEZ-PO 125G	LEZ-PO 125G-FI	125	40	150	Plain bore	150	20	50	40
LEZ-PO 150G-22	LEZ-PO 150G-22-FI	150	50	270	Plain bore	190	22	60	54
LEZ-PO 150G-27	LEZ-PO 150G-27-FI	150	50	270	Plain bore	190	27	60	54
LEZ-PO 160G-22	LEZ-PO 160G-22-FI	160	50	270	Plain bore	195	22	60	54
LEZ-PO 160G-27	LEZ-PO 160G-27-FI	160	50	270	Plain bore	195	27	60	54
LEZ-PO 200G-22	LEZ-PO 200G-22-FI	200	50	270	Plain bore	235	22	60	54
LEZ-PO 200G-27	LEZ-PO 200G-27-FI	200	50	270	Plain bore	235	27	60	54

For stainless steel versions refer to page 371

### Options

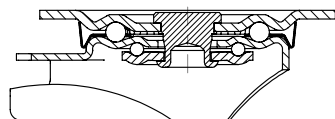


	With pressed steel thread guard, zinc-plated	With synthetic foot guard	With steel foot guard
Technical description page	84	84	84
Product code suffix	-FA	-FP	-FS
Available for	all sizes	wheel Ø 125 mm upon request	wheel Ø 150-200 mm upon request

Series: L-PO, B-PO, wheel Ø 75 - 150 mm

**Pressed steel castors, medium duty brackets, with top plate fitting, with nylon wheel**

200 - 400 kg RoHS



**Brackets:** L/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 150 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing types: Plain bore, roller bearing, two pressed-in ball bearings or a centrally encapsulated ball bearing (C). Detailed description: Page 276, 277 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-PO 75G	B-PO 75G	L-PO 75G-FI	75	32	200	Plain bore	100	100 x 85	80 x 60	9	38
L-PO 75R	B-PO 75R	L-PO 75R-FI	75	32	200	Roller bearing	100	100 x 85	80 x 60	9	38
L-PO 80G	B-PO 80G	L-PO 80G-FI	80	32	200	Plain bore	102	100 x 85	80 x 60	9	38
L-PO 80R	B-PO 80R	L-PO 80R-FI	80	32	200	Roller bearing	102	100 x 85	80 x 60	9	38
L-PO 80K	B-PO 80K	L-PO 80K-FI	80	32	200	Ball bearing (C)	102	100 x 85	80 x 60	9	38
L-PO 100G	B-PO 100G	L-PO 100G-FI	100	37	200	Plain bore	125	100 x 85	80 x 60	9	36
L-PO 100R	B-PO 100R	L-PO 100R-FI	100	37	200	Roller bearing	125	100 x 85	80 x 60	9	36
L-PO 100K	B-PO 100K	L-PO 100K-FI	100	37	200	Ball bearing (C)	125	100 x 85	80 x 60	9	36
L-PO 125G	B-PO 125G	L-PO 125G-FI	125	40	200	Plain bore	150	100 x 85	80 x 60	9	40
L-PO 125R	B-PO 125R	L-PO 125R-FI	125	40	200	Roller bearing	150	100 x 85	80 x 60	9	40
L-PO 125K	B-PO 125K	L-PO 125K-FI	125	40	200	Ball bearing (C)	150	100 x 85	80 x 60	9	40
L-PO 150G	B-PO 150G	L-PO 150G-FI	150	50	400	Plain bore	190	140 x 110	105 x 75-80	11	60
L-PO 150R	B-PO 150R	L-PO 150R-FI	150	50	400	Roller bearing	190	140 x 110	105 x 75-80	11	60
L-PO 150K	B-PO 150K	L-PO 150K-FI	150	50	400	Ball bearing	190	140 x 110	105 x 75-80	11	60

For further wheel Ø refer to the next page  
For stainless steel versions refer to page 372

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**Options**



	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro-fit) 1 x 360°	With synthetic (-FP) or steel (-FS) foot guard	With stainless steel axle tube in the wheel hub	With stainless steel roller bearing (-XR) / ball bearing (-XK)
Technical description page	36, 40	84	80	83	84	85	60 / 61
Product code suffix	-ELS	-FA	-ST	refer to *	-FP / -FS	-XA	-XR / -XK
Available for	upon request	all sizes	all sizes	for wheel Ø and plate dimensions refer to *	upon request	plain bore versions upon request	-XR: all sizes -XK: upon request

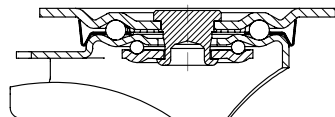
\* RI-03.01 available for wheel Ø 75, 100, 125 mm, RI-05.03 available for wheel Ø 150 mm (only for swivel castors without brake)

Series: L-PO, B-PO, BH-PO, wheel Ø 160 - 250 mm

**Pressed steel castors, medium duty brackets, with top plate fitting, with nylon wheel**

400 - 600 kg

RoHS



**Brackets:** L/B/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, swivel head seals (exception: plate size 175x175 mm). The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing types: Plain bore, roller bearing or two pressed-in ball bearings. Detailed description: Page 277 and 49

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-PO 160G	B-PO 160G	L-PO 160G-FI	160	50	400	Plain bore	195	140 x 110	105 x 75-80	11	60
L-PO 160R	B-PO 160R	L-PO 160R-FI	160	50	400	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-PO 160K	B-PO 160K	L-PO 160K-FI	160	50	400	Ball bearing	195	140 x 110	105 x 75-80	11	60
L-PO 175G	B-PO 175G	L-PO 175G-FI	175	50	400	Plain bore	213	140 x 110	105 x 75-80	11	60
L-PO 175R	B-PO 175R	L-PO 175R-FI	175	50	400	Roller bearing	213	140 x 110	105 x 75-80	11	60
L-PO 175K	B-PO 175K	L-PO 175K-FI	175	50	400	Ball bearing	213	140 x 110	105 x 75-80	11	60
L-PO 200G	B-PO 200G	L-PO 200G-FI	200	50	400	Plain bore	235	140 x 110	105 x 75-80	11	65
L-PO 200R	B-PO 200R	L-PO 200R-FI	200	50	400	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-PO 200K	B-PO 200K	L-PO 200K-FI	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-PO 250G-3	BH-PO 250G	*	250	50	500	Plain bore	295	140 x 110	105 x 75-80	11	77
L-PO 250K-3	BH-PO 250K	*	250	50	500	Ball bearing	295	140 x 110	105 x 75-80	11	77
L-PO 250G		*	250	50	600	Plain bore	295	175 x 175	140 x 140	15	70
	B-PO 250G		250	50	600	Plain bore	295	220 x 120	190 x 75	15	

\* For the 'stop-top' brake version refer to 'Options'  
For stainless steel versions refer to page 372

**Options \*\***



	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro fit) 1 x 360° ***	With steel foot guard	With stainless steel roller bearing (-XR) / ball bearing (-XK)
Technical description page	36, 40	84	80	81	83	84	60 / 61
Product code suffix	-ELS	-FA	-ST	-CS11	RI-05.03	-FS	-XR / -XK
Available for	upon request	wheel Ø 160-200 mm	all sizes	wheel Ø 160+200 mm	wheel Ø 160-200 mm	upon request	-XR: all sizes -XK: upon request

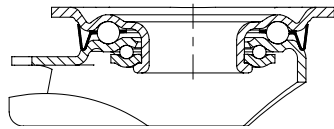
\*\* Additional options: Stainless steel axle tube (-XA), available for plain bore versions upon request (technical description page 85)  
\*\*\* Only for swivel castors without brake

Series: LK-PO, BK-PO, wheel Ø 75 - 125x40 mm

**Pressed steel castors, medium heavy duty brackets, with top plate fitting, with nylon wheel**

200 - 300 kg

RoHS



**Brackets:** LK/BK series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing types: Plain bore, roller bearing, two pressed-in ball bearings or a centrally encapsulated ball bearing (C). Detailed description: Page 276 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-PO 75G	BK-PO 75G	LK-PO 75G-FI	75	32	200	Plain bore	108	100 x 85	80 x 60	9	40
LK-PO 75R	BK-PO 75R	LK-PO 75R-FI	75	32	200	Roller bearing	108	100 x 85	80 x 60	9	40
LK-PO 82G	BK-PO 82G	LK-PO 82G-FI	80	37	230	Plain bore	110	100 x 85	80 x 60	9	40
LK-PO 82R	BK-PO 82R	LK-PO 82R-FI	80	37	230	Roller bearing	110	100 x 85	80 x 60	9	40
LK-PO 82K	BK-PO 82K	LK-PO 82K-FI	80	37	250	Ball bearing	110	100 x 85	80 x 60	9	40
LK-PO 100G-1	BK-PO 100G-1	LK-PO 100G-1-FI	100	37	280	Plain bore	130	100 x 85	80 x 60	9	45
LK-PO 100R-1	BK-PO 100R-1	LK-PO 100R-1-FI	100	37	280	Roller bearing	130	100 x 85	80 x 60	9	45
LK-PO 100K-1	BK-PO 100K-1	LK-PO 100K-1-FI	100	37	280	Ball bearing (C)	130	100 x 85	80 x 60	9	45
LK-PO 100G-3	BK-PO 100G-3	LK-PO 100G-3-FI	100	37	280	Plain bore	130	140 x 110	105 x 75-80	11	45
LK-PO 100R-3	BK-PO 100R-3	LK-PO 100R-3-FI	100	37	280	Roller bearing	130	140 x 110	105 x 75-80	11	45
LK-PO 100K-3	BK-PO 100K-3	LK-PO 100K-3-FI	100	37	280	Ball bearing (C)	130	140 x 110	105 x 75-80	11	45
LK-PO 125G-1	BK-PO 125G-1	LK-PO 125G-1-FI	125	40	300	Plain bore	155	100 x 85	80 x 60	9	48
LK-PO 125R-1	BK-PO 125R-1	LK-PO 125R-1-FI	125	40	300	Roller bearing	155	100 x 85	80 x 60	9	48
LK-PO 125K-1	BK-PO 125K-1	LK-PO 125K-1-FI	125	40	300	Ball bearing (C)	155	100 x 85	80 x 60	9	48
LK-PO 125G-3	BK-PO 125G-3	LK-PO 125G-3-FI	125	40	300	Plain bore	155	140 x 110	105 x 75-80	11	48
LK-PO 125R-3	BK-PO 125R-3	LK-PO 125R-3-FI	125	40	300	Roller bearing	155	140 x 110	105 x 75-80	11	48
LK-PO 125K-3	BK-PO 125K-3	LK-PO 125K-3-FI	125	40	300	Ball bearing (C)	155	140 x 110	105 x 75-80	11	48

For further wheel Ø refer to the next page

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**Options \***



	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm **	Directional lock (retro-fit) 1 x 360°	With stainless steel axle tube in the wheel hub
Technical description page	36, 40	84	80	81	80	83	85
Product code suffix	-ELS	-FA	-ST	-CS11	-IS	refer to ***	-XA
Available for	upon request	all sizes	all sizes	wheel Ø 100-125 mm	Ø 100-125 mm with plate 140x110	for wheel Ø and plate dimensions refer to***	plain bore versions upon request

\* **Additional options:** Stainless steel roller bearing (-XR), available for all sizes (technical description page 60)  
 \*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**  
 \*\*\* **RI-05.01** available for wheel Ø 75 - 125 mm with plate 100x85 mm, **RI-03.03** available for wheel Ø 100 - 125 mm with plate 140x110 mm (only for swivel castors without brake)

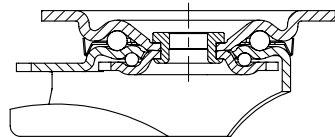


Series: LK-PO, BH-PO, wheel Ø 125x50 - 200 mm

**Pressed steel castors, medium heavy duty brackets, with top plate fitting, with nylon wheel**

400 - 600 kg

RoHS



**Brackets:** LK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing types: Plain bore or two pressed-in ball bearings. Detailed description: Page 277 and 49

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-PO 127R	BH-PO 127R	LK-PO 127R-FI	125	50	400	Roller bearing	170	140 x 110	105 x 75-80	11	55
LK-PO 127K	BH-PO 127K	LK-PO 127K-FI	125	50	400	Ball bearing	170	140 x 110	105 x 75-80	11	55
LK-PO 150G	BH-PO 150G	LK-PO 150G-FI	150	50	400	Plain bore	197	140 x 110	105 x 75-80	11	63
LK-PO 150K	BH-PO 150K	LK-PO 150K-FI	150	50	400	Ball bearing	197	140 x 110	105 x 75-80	11	63
LK-PO 160G	BH-PO 160G	LK-PO 160G-FI	160	50	450	Plain bore	202	140 x 110	105 x 75-80	11	63
LK-PO 160K	BH-PO 160K	LK-PO 160K-FI	160	50	450	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-PO 175G	BH-PO 175G	LK-PO 175G-FI	175	50	500	Plain bore	220	140 x 110	105 x 75-80	11	65
LK-PO 175K	BH-PO 175K	LK-PO 175K-FI	175	50	500	Ball bearing	220	140 x 110	105 x 75-80	11	65
LK-PO 200G	BH-PO 200G	LK-PO 200G-FI	200	50	600	Plain bore	245	140 x 110	105 x 75-80	11	65
LK-PO 200K	BH-PO 200K	LK-PO 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65

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**Options \***

	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With 'ideal-stop' brake ttl. height +17mm **	Directional lock (retro fit) 1 x 360° ***	With steel foot guard	With stainless steel ball bearing in the wheel hub
Technical description page	36, 40	84	80	80	83	84	61
Product code suffix	-ELS	-FA	-ST	-IS	RI-05.03	-FS	-XK
Available for	upon request	all sizes	all sizes	wheel Ø 125, 160, 200 mm	all sizes	upon request	upon request

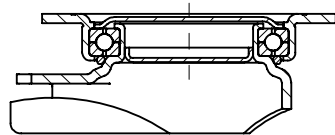
\* **Additional options:**  
 1. Stainless steel axle tube (-XA), available for plain bore versions upon request (technical description page 85)  
 2. Stainless steel roller bearing (-XR), available for wheel Ø 125 mm (technical description page 60)  
 \*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**  
 \*\*\* Only for swivel castors without brake

Series: LU-PO, BH-PO

**Pressed steel castors, closed medium heavy duty brackets, with top plate fitting, with nylon wheel**

400 - 600 kg

RoHS



**Brackets:** LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview: Page 66

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white.

Bearing types: Plain bore or two pressed-in ball bearings.

Detailed description: Page 277 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LU-PO 127K	BH-PO 127K	LU-PO 127K-FI	125	50	400	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-PO 150G	BH-PO 150G	LU-PO 150G-FI	150	50	400	Plain bore	197	140 x 110	105 x 75-80	11	61
LU-PO 150K	BH-PO 150K	LU-PO 150K-FI	150	50	400	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-PO 160G	BH-PO 160G	LU-PO 160G-FI	160	50	450	Plain bore	202	140 x 110	105 x 75-80	11	61
LU-PO 160K	BH-PO 160K	LU-PO 160K-FI	160	50	450	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-PO 200G	BH-PO 200G	LU-PO 200G-FI	200	50	600	Plain bore	245	140 x 110	105 x 75-80	11	63
LU-PO 200K	BH-PO 200K	LU-PO 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	63

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**Options**



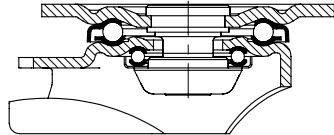
	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	Directional lock (retro fit) 1 x 360° *	With steel foot guard	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	36, 40	84	83	84	85	61
Product code suffix	-ELS	-FA	RI-05.03	-FS	-XA	-XK
Available for	upon request	all sizes	all sizes	upon request	plain bore versions upon request	upon request

\* Only for swivel castors without brake

Series: LH-PO, BH-PO

**Pressed steel castors, heavy duty brackets, with top plate fitting, with nylon wheel**

230 - 900 kg RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 66  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white.  
 Bearing types: Plain bore, two pressed-in ball bearings or a centrally encapsulated ball bearing (C).  
 Detailed description: Page 276, 277 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-PO 82G	BH-PO 82G	LH-PO 82G-FI	80	37	230	Plain bore	120	100 x 85	80 x 60	9	45
LH-PO 82K	BH-PO 82K	LH-PO 82K-FI	80	37	250	Ball bearing	120	100 x 85	80 x 60	9	45
LH-PO 100G-1	BH-PO 100G-1	LH-PO 100G-1-FI	100	37	280	Plain bore	140	100 x 85	80 x 60	9	45
LH-PO 100K-1	BH-PO 100K-1	LH-PO 100K-1-FI	100	37	280	Ball bearing (C)	140	100 x 85	80 x 60	9	45
LH-PO 100G-3	BH-PO 100G-3	LH-PO 100G-3-FI	100	37	280	Plain bore	140	140 x 110	105 x 75-80	11	45
LH-PO 100K-3	BH-PO 100K-3	LH-PO 100K-3-FI	100	37	280	Ball bearing (C)	140	140 x 110	105 x 75-80	11	45
LH-PO 125G-1	BH-PO 125G-1	LH-PO 125G-1-FI	125	40	300	Plain bore	165	100 x 85	80 x 60	9	45
LH-PO 125K-1	BH-PO 125K-1	LH-PO 125K-1-FI	125	40	300	Ball bearing (C)	165	100 x 85	80 x 60	9	45
LH-PO 125G-3	BH-PO 125G-3	LH-PO 125G-3-FI	125	40	300	Plain bore	165	140 x 110	105 x 75-80	11	45
LH-PO 125K-3	BH-PO 125K-3	LH-PO 125K-3-FI	125	40	300	Ball bearing (C)	165	140 x 110	105 x 75-80	11	45
LH-PO 127K	BH-PO 127K	LH-PO 127K-FI	125	50	400	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-PO 150G	BH-PO 150G	LH-PO 150G-FI	150	50	400	Plain bore	197	140 x 110	105 x 75-80	11	65
LH-PO 150K	BH-PO 150K	LH-PO 150K-FI	150	50	400	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-PO 160G	BH-PO 160G	LH-PO 160G-FI	160	50	450	Plain bore	202	140 x 110	105 x 75-80	11	65
LH-PO 160K	BH-PO 160K	LH-PO 160K-FI	160	50	450	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-PO 175G	BH-PO 175G	LH-PO 175G-FI	175	50	500	Plain bore	220	140 x 110	105 x 75-80	11	67
LH-PO 175K	BH-PO 175K	LH-PO 175K-FI	175	50	500	Ball bearing	220	140 x 110	105 x 75-80	11	67
LH-PO 200G	BH-PO 200G	LH-PO 200G-FI	200	50	600	Plain bore	245	140 x 110	105 x 75-80	11	70
LH-PO 200K	BH-PO 200K	LH-PO 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-PO 250G	BH-PO 250G	*	250	50	900	Plain bore	295	140 x 110	105 x 75-80	11	82
LH-PO 250K	BH-PO 250K	*	250	50	900	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* For the 'stop-top' brake version refer to 'Options'



**Options \*\***

	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake tti. height +17mm ***	Directional lock (retro-fit) 1 x 360°	With steel foot guard
Technical description page	36, 40	84	80	81	80	83	84
Product code suffix	-ELS	-FA	-ST	-CS13	-IS	refer to ****	-FS
Available for	upon request	wheel Ø 80-200 mm	all sizes	wheel Ø 125x50, 160, 200, 250 mm	wheel Ø 125x50, 160, 200, 250 mm	for wheel Ø and plate dim. refer to ****	upon request

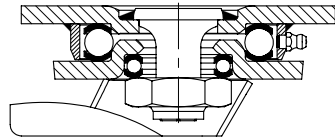
\*\* **Additional options:** 1. Stainless steel axle tube (-XA), plain bore versions upon request; 2. Stainless steel ball brg. in the wheel hub (-XK), available upon request (technical description p. 61)  
 \*\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**  
 \*\*\*\* **RI-04.01** for wheel Ø 80-125 mm with plate 100x85 mm, **RI-04.03** for wheel Ø 100-125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x50-200 mm (only for swivel castors without brake)

Series: LO-PO, BO-PO

## Welded steel heavy duty castors, with nylon wheel

400 - 1000 kg

RoHS



**Brackets:** LO/BO series - Sturdy welded steel construction, swivel bracket with double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 67  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white.  
 Bearing types: Plain bore or two pressed-in ball bearings.  
 Detailed description: Page 277 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-PO 127K	BO-PO 127K	LO-PO 127K-ST	125	50	400	Ball bearing	170	140 x 110	105 x 75-80	11	55
LO-PO 150G	BO-PO 150G	LO-PO 150G-ST	150	50	400	Plain bore	200	140 x 110	105 x 75-80	11	55
LO-PO 150K	BO-PO 150K	LO-PO 150K-ST	150	50	400	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-PO 160G	BO-PO 160G	LO-PO 160G-ST	160	50	450	Plain bore	205	140 x 110	105 x 75-80	11	55
LO-PO 160K	BO-PO 160K	LO-PO 160K-ST	160	50	450	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-PO 200G	BO-PO 200G	LO-PO 200G-ST	200	50	600	Plain bore	245	140 x 110	105 x 75-80	11	60
LO-PO 200K	BO-PO 200K	LO-PO 200K-ST	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-PO 250G	BO-PO 250G	LO-PO 250G-ST	250	50	1000	Plain bore	295	140 x 110	105 x 75-80	11	70
LO-PO 250K	BO-PO 250K	LO-PO 250K-ST	250	50	1000	Ball bearing	295	140 x 110	105 x 75-80	11	70

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### Options



	Electrically conductive version, non-marking grey	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub	Truck lock
Technical description page	36, 40	83	83	84	85	61	82, 483
Product code suffix	-ELS	-RI2	-RI4	-FS	-XA	-XK	FF 125/150/160/200
Available for	upon request	wheel Ø 125-200 mm	wheel Ø 125-200 mm	upon request	plain bore versions upon request	upon request	wheel Ø 125-200 mm

Series: POW

## Noise absorbing nylon wheels with rubber damping ring

200 - 220 kg

RoHS



<b>Tread &amp; tyre hardness</b>	70° shore D
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	reasonable

### POW-wheel series:

Made of high-quality, impact-resistant nylon, 70° shore D hardness, noise absorbing (-10 decibel) achieved with elastic solid rubber damping ring, colour red, low rolling resistance, smooth running performance on even floors, high abrasion resistance, colour white. (Material description page 40)

### Bearing types:

- Roller bearing, with axle tube and integrated synthetic thread guard as standard, lubricated with long-life grease
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected nylon, with integrated synthetic thread guard, lubricated with long-life grease.

### Other features:

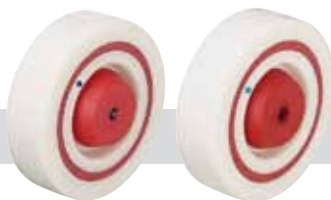
High chemical resistance to many aggressive substances (table page 36-37).  
 Operating temperature: -25° C to +80° C.  
 At ambient temperatures above +35° C the load capacity is reduced.  
 Maintenance-free under standard conditions.

**Wheel series overview page 49**

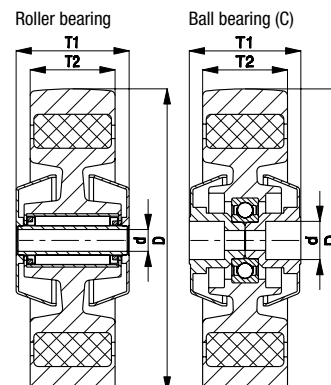
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POW 100/8R-FK	100	35	200	Roller bearing	8	46
POW 100/8K-FK	100	35	200	Ball bearing (C)	8	46
POW 100/10K-FK	100	35	200	Ball bearing (C)	10	46
POW 125/8R-FK	125	35	220	Roller bearing	8	46
POW 125/8K-FK	125	35	220	Ball bearing (C)	8	46
POW 125/10K-FK	125	35	220	Ball bearing (C)	10	46

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### Options



	With stainless steel roller bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page	60	61
Product code suffix	-XR	-KD
Available for	all sizes	POW 100/8K-FK + POW 125/8K-FK



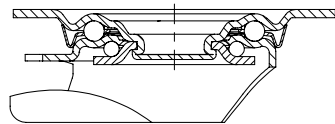


Series: LE-POW, B-POW

**Pressed steel castors with top plate fitting, with noise absorbing nylon wheel**

150 kg

RoHS



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 64 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POW series - Made of high-quality, impact-resistant nylon, 70° shore D, white, with elastic solid rubber damping ring, red. Bearing types: Roller bearing or a centrally encapsulated ball bearing (C), both with synthetic thread guard. Detailed description: Page 288 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-POW 100R-FK	B-POW 100R-FK	LE-POW 100R-FI-FK	100	35	150	Roller bearing	125	100 x 85	80 x 60	9	36
LE-POW 100K-FK	B-POW 100K-FK	LE-POW 100K-FI-FK	100	35	150	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-POW 125R-FK	B-POW 125R-FK	LE-POW 125R-FI-FK	125	35	150	Roller bearing	150	100 x 85	80 x 60	9	40
LE-POW 125K-FK	B-POW 125K-FK	LE-POW 125K-FI-FK	125	35	150	Ball bearing (C)	150	100 x 85	80 x 60	9	40

For stainless steel versions refer to page 373

**Options**



	Directional lock (retro fit) 1 x 360° *	With synthetic foot guard	With stainless steel roller bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page	83	84	60	61
Product code suffix	RI-03.01	-FP	-XR	-KD
Available for	all sizes	wheel Ø 125 mm upon request	upon request	upon request

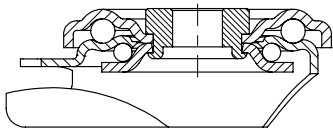
\* Only for swivel castors without brake

Series: LER-POW

**Pressed steel castors with bolt hole fitting, with noise absorbing nylon wheel**

150 kg

RoHS



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65  
**Wheels:** POW series - Made of high-quality, impact-resistant nylon, 70° shore D, white, with elastic solid rubber damping ring, red. Bearing types: Roller bearing or a centrally encapsulated ball bearing (C), both with synthetic thread guard. Detailed description: Page 288 and 49

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LER-POW 100R-FK	LER-POW 100R-FI-FK	100	35	150	Roller bearing	125	70	13	36
LER-POW 100K-FK	LER-POW 100K-FI-FK	100	35	150	Ball bearing (C)	125	70	13	36
LER-POW 125R-FK	LER-POW 125R-FI-FK	125	35	150	Roller bearing	150	70	13	40
LER-POW 125K-FK	LER-POW 125K-FI-FK	125	35	150	Ball bearing (C)	150	70	13	40

For stainless steel versions refer to page 374

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**Options**



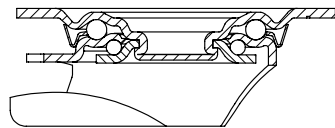
	With synthetic foot guard	With stainless steel roller bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page	84	60	61
Product code suffix	<b>-FP</b>	<b>-XR</b>	<b>-KD</b>
Available for	wheel Ø 125 mm upon request	upon request	upon request

Series: L-POW, B-POW

**Pressed steel castors, medium duty brackets, with top plate fitting, with noise absorbing nylon wheel**

200 kg

RoHS



**Brackets:** L/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POW series - Made of high-quality, impact-resistant nylon, 70° shore D, white, with elastic solid rubber damping ring, red. Bearing types: Roller bearing or a centrally encapsulated ball bearing (C), both with synthetic thread guard. Detailed description: Page 288 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-POW 100R-FK	B-POW 100R-FK	L-POW 100R-FI-FK	100	35	200	Roller bearing	125	100 x 85	80 x 60	9	36
L-POW 100K-FK	B-POW 100K-FK	L-POW 100K-FI-FK	100	35	200	Ball bearing (C)	125	100 x 85	80 x 60	9	36
L-POW 125R-FK	B-POW 125R-FK	L-POW 125R-FI-FK	125	35	200	Roller bearing	150	100 x 85	80 x 60	9	40
L-POW 125K-FK	B-POW 125K-FK	L-POW 125K-FI-FK	125	35	200	Ball bearing (C)	150	100 x 85	80 x 60	9	40

**Options**



	Directional lock (retro fit) 1 x 360° *	With synthetic foot guard	With stainless steel roller bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page	83	84	60	61
Product code suffix	<b>RI-03.01</b>	<b>-FP</b>	<b>-XR</b>	<b>-KD</b>
Available for	all sizes	wheel Ø 125 mm upon request	upon request	upon request

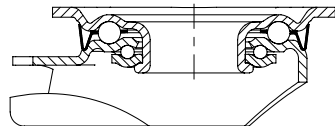
\* Only for swivel castors without brake

Series: LK-POW, BK-POW

**Pressed steel castors, medium heavy duty brackets, with top plate fitting, with noise absorbing nylon wheel**

200 - 220 kg

RoHS



**Brackets:** LK/BK series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POW series - Made of high-quality, impact-resistant nylon, 70° shore D, white, with elastic solid rubber damping ring, red. Bearing type: A centrally encapsulated ball bearing (C), with synthetic thread guard as standard. Detailed description: Page 288 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-POW 100K-1-FK	BK-POW 100K-1-FK	LK-POW 100K-1-FI-FK	100	35	200	Ball bearing (C)	130	100 x 85	80 x 60	9	45
LK-POW 100K-3-FK	BK-POW 100K-3-FK	LK-POW 100K-3-FI-FK	100	35	200	Ball bearing (C)	130	140 x 110	105 x 75-80	11	45
LK-POW 125K-1-FK	BK-POW 125K-1-FK	LK-POW 125K-1-FI-FK	125	35	220	Ball bearing (C)	155	100 x 85	80 x 60	9	48
LK-POW 125K-3-FK	BK-POW 125K-3-FK	LK-POW 125K-3-FI-FK	125	35	220	Ball bearing (C)	155	140 x 110	105 x 75-80	11	48

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**Options**



	Directional lock (retro-fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *
Technical description page	83	83
Product code suffix	RI-05.01	RI-03.03
Available for	all sizes with plate 100x85 mm	all sizes with plate 140x110 mm

\* Only for swivel castors without brake

Series: PPN

## Polypropylene wheels

80 - 450 kg

RoHS



<b>Tread &amp; tyre hardness</b>	60° shore D
<b>Temperature resistance</b>	-20° C - +60° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	reasonable
<b>Floor surface preservation</b>	reasonable

**PPN-wheel series:**

Made of high-quality, impact-resistant polypropylene, 60° shore D hardness, low rolling and swivel resistance, colour natural white. (Material description page 40)

**Bearing types:**

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease

**Other features:**

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -20° C to +60° C.

At ambient temperatures above +30° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 49**

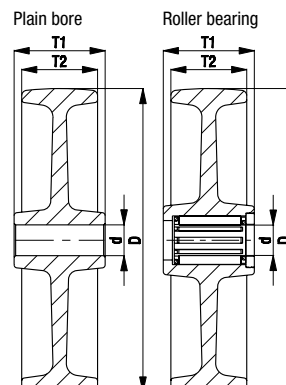
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PPN 60/12G	60	29	80	Plain bore	12	35
PPN 80/12G	80	32	120	Plain bore	12	35
PPN 80/12R	80	32	120	Roller bearing	12	35
PPN 100/12G	100	37	160	Plain bore	12	45
PPN 100/15G	100	37	160	Plain bore	15	45
PPN 100/12R	100	37	160	Roller bearing	12	45
PPN 100/15R	100	37	160	Roller bearing	15	45
PPN 125/12G	125	40	200	Plain bore	12	45
PPN 125/15G	125	40	200	Plain bore	15	45
PPN 125/12R	125	40	200	Roller bearing	12	45
PPN 125/15R	125	40	200	Roller bearing	15	45
PPN 150/20G	150	50	300	Plain bore	20	60
PPN 150/20R	150	50	300	Roller bearing	20	60
PPN 200/20G	200	50	450	Plain bore	20	60
PPN 200/20R	200	50	450	Roller bearing	20	60

For additional dimensions of nylon wheels refer to series PO on page 276 + 277

**Options**



	Electrically conductive version, colour black	With stainless steel roller bearing in the wheel hub	In black colour
Technical description page	36, 40	60	40
<b>Product code suffix</b>	<b>-EL</b>	<b>-XR</b>	<b>PP series</b>
Available for	upon request	upon request	upon request



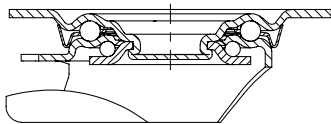


Series: LE-PPN, B-PPN

## Pressed steel castors with top plate fitting, with polypropylene wheel

80 - 300 kg

RoHS



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 64  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PPN series - Made of high-quality, impact-resistant polypropylene, 60° shore D, natural white. Bearing types: Plain bore or roller bearing.  
Detailed description: Page 293 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LE-PPN 60G	B-PPN 60G		60	29	80	Plain bore	80	100 x 85	80 x 60	9	35
LE-PPN 80G	B-PPN 80G	LE-PPN 80G-FI	80	32	120	Plain bore	102	100 x 85	80 x 60	9	38
LE-PPN 80R	B-PPN 80R	LE-PPN 80R-FI	80	32	120	Roller bearing	102	100 x 85	80 x 60	9	38
LE-PPN 100G	B-PPN 100G	LE-PPN 100G-FI	100	37	150	Plain bore	125	100 x 85	80 x 60	9	36
LE-PPN 100R	B-PPN 100R	LE-PPN 100R-FI	100	37	150	Roller bearing	125	100 x 85	80 x 60	9	36
LE-PPN 125G	B-PPN 125G	LE-PPN 125G-FI	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LE-PPN 125R	B-PPN 125R	LE-PPN 125R-FI	125	40	150	Roller bearing	150	100 x 85	80 x 60	9	40
LE-PPN 150G	B-PPN 150G	LE-PPN 150G-FI	150	50	300	Plain bore	190	140 x 110	105 x 75-80	11	54
LE-PPN 150R	B-PPN 150R	LE-PPN 150R-FI	150	50	300	Roller bearing	190	140 x 110	105 x 75-80	11	54
LE-PPN 200G	B-PPN 200G	LE-PPN 200G-FI	200	50	300	Plain bore	235	140 x 110	105 x 75-80	11	54
LE-PPN 200R	B-PPN 200R	LE-PPN 200R-FI	200	50	300	Roller bearing	235	140 x 110	105 x 75-80	11	54

### Options



	Electrically conductive version, colour black	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *	With synthetic foot guard
Technical description page	36, 40	84	80	83	83	84
Product code suffix	-EL	-FA	-ST	RI-03.01	RI-03.03	-FP
Available for	upon request	wheel Ø 80-200 mm	wheel Ø 150-200 mm	wheel Ø 100-125 mm	wheel Ø 150-200 mm	wheel Ø 125 mm upon request

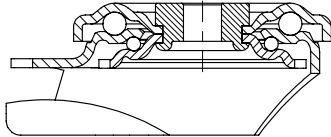
\* Only for swivel castors without brake

Series: LER-PPN

## Pressed steel castors with bolt hole fitting, with polypropylene wheel

80 - 300 kg

RoHS



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65

**Wheels:** PPN series - Made of high-quality, impact-resistant polypropylene, 60° shore D, natural white. Bearing types: Plain bore or roller bearing. Detailed description: Page 293 and 49

Wheel and swivel head 'stop-fix' brake: Page 80

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LER-PPN 60G		60	29	80	Plain bore	80	70	13	35
LER-PPN 80G	LER-PPN 80G-FI	80	32	120	Plain bore	102	70	13	38
LER-PPN 80R	LER-PPN 80R-FI	80	32	120	Roller bearing	102	70	13	38
LER-PPN 100G	LER-PPN 100G-FI	100	37	150	Plain bore	125	70	13	36
LER-PPN 100R	LER-PPN 100R-FI	100	37	150	Roller bearing	125	70	13	36
LER-PPN 125G	LER-PPN 125G-FI	125	40	150	Plain bore	150	70	13	40
LER-PPN 125R	LER-PPN 125R-FI	125	40	150	Roller bearing	150	70	13	40
LER-PPN 150G	LER-PPN 150G-FI	150	50	300	Plain bore	190	88	13	54
LER-PPN 150R	LER-PPN 150R-FI	150	50	300	Roller bearing	190	88	13	54
LER-PPN 200G	LER-PPN 200G-FI	200	50	300	Plain bore	235	88	13	54
LER-PPN 200R	LER-PPN 200R-FI	200	50	300	Roller bearing	235	88	13	54

### Options



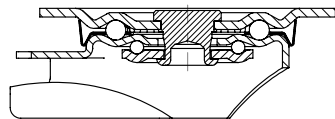
	Electrically conductive version, colour black	With pressed steel thread guard, zinc-plated	With synthetic foot guard
Technical description page	36, 40	84	84
Product code suffix	-EL	-FA	-FP
Available for	upon request	wheel Ø 80-200 mm	wheel Ø 125 mm upon request

Series: L-PPN, B-PPN

**Pressed steel castors, medium duty brackets, with top plate fitting, with polypropylene wheel**

120 - 400 kg

RoHS



**Brackets:** L/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 150-200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PPN series - Made of high-quality, impact-resistant polypropylene, 60° shore D, natural white. Bearing types: Plain bore or roller bearing. Detailed description: Page 293 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-PPN 80G	B-PPN 80G	L-PPN 80G-FI	80	32	120	Plain bore	102	100 x 85	80 x 60	9	38
L-PPN 80R	B-PPN 80R	L-PPN 80R-FI	80	32	120	Roller bearing	102	100 x 85	80 x 60	9	38
L-PPN 100G	B-PPN 100G	L-PPN 100G-FI	100	37	160	Plain bore	125	100 x 85	80 x 60	9	36
L-PPN 100R	B-PPN 100R	L-PPN 100R-FI	100	37	160	Roller bearing	125	100 x 85	80 x 60	9	36
L-PPN 125G	B-PPN 125G	L-PPN 125G-FI	125	40	200	Plain bore	150	100 x 85	80 x 60	9	40
L-PPN 125R	B-PPN 125R	L-PPN 125R-FI	125	40	200	Roller bearing	150	100 x 85	80 x 60	9	40
L-PPN 150G	B-PPN 150G	L-PPN 150G-FI	150	50	300	Plain bore	190	140 x 110	105 x 75-80	11	60
L-PPN 150R	B-PPN 150R	L-PPN 150R-FI	150	50	300	Roller bearing	190	140 x 110	105 x 75-80	11	60
L-PPN 200G	B-PPN 200G	L-PPN 200G-FI	200	50	400	Plain bore	235	140 x 110	105 x 75-80	11	65
L-PPN 200R	B-PPN 200R	L-PPN 200R-FI	200	50	400	Roller bearing	235	140 x 110	105 x 75-80	11	65

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**Options**

	Electrically conductive version, colour black	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *	With synthetic foot guard	With steel foot guard
Technical description page	36, 40	84	80	83	83	84	84
Product code suffix	-EL	-FA	-ST	RI-03.01	RI-05.03	-FP	-FS
Available for	upon request	all sizes	all sizes	wheel Ø 100-125 mm	wheel Ø 150-200 mm	wheel Ø 125 mm upon request	wheel Ø 150-200 mm upon request

\* Only for swivel castors without brake

















## Heavy duty nylon wheels and castors



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## Table of Contents

		LK/LKR	LU	LH	LHZ	LT	LO	LS	LOD	LSD	
	<b>SPO</b>										
	Series	SPO	LK-/LKR-SPO	LU-SPO	LH-SPO	LHZ-SPO	LT-SPO	LO-SPO	LS-SPO	LOD-SPO	LSD-SPO
	Wheel Ø	75 - 250 mm	75 - 200 mm	125 - 200 mm	75 - 250 mm	125 - 200 mm	75 - 150 mm	125 - 250 mm	125 - 250 mm	80 - 125 mm	125 - 250 mm
	Load capacity	300 - 2000 kg	300 - 600 kg	750 kg	300 - 900 kg	750 - 800 kg	300 - 750 kg	750 - 1250 kg	750 - 2000 kg	600 - 1200 kg	1350 - 3600 kg
<b>Page</b>	<b>300/301</b>	<b>302-304</b>	<b>305</b>	<b>306/307</b>	<b>308</b>	<b>309</b>	<b>310</b>	<b>311</b>	<b>312</b>	<b>313</b>	
	<b>GSP0</b>										
	Series	GSP0		LH-GSP0				LS-GSP0		LSD-GSP0	
	Wheel Ø	35 - 1000 mm		65 - 125 mm				100 - 400 mm		80 - 400 mm	
	Load capacity	100 - 50000 kg		650 - 900 kg				1500 - 12000 kg		1750 - 20000 kg	
<b>Page</b>	<b>314</b>			<b>315</b>				<b>316</b>		<b>317</b>	

Series: SPO, wheel Ø 75 - 160 mm

## Heavy duty nylon wheels

300 - 850 kg

RoHS



<b>Tread &amp; tyre hardness</b>	70° shore D
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	reasonable
<b>Floor surface preservation</b>	reasonable

### SPO-wheel series:

Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance, colour natural white. (Material description page 40)

### Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).  
Operating temperature: -25° C to +80° C.  
At ambient temperatures above +35° C the load capacity is reduced.  
Maintenance-free under standard conditions.  
**Wheel series overview page 49**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPO 75/12G	75	32	300	Plain bore	12	35
SPO 75/15G	75	32	300	Plain bore	15	35
SPO 75/15-45G	75	32	300	Plain bore	15	45
SPO 75/15K	75	32	300	Ball bearing	15	35
SPO 80/15G	80	37	350	Plain bore	15	45
SPO 80/15K	80	37	350	Ball bearing	15	45
SPO 82/20K	80	70	650	Ball bearing	20	70
SPO 100/15G	100	37	500	Plain bore	15	45
SPO 100/15K	100	37	500	Ball bearing	15	45
SPO 125/15G	125	40	700	Plain bore	15	45
SPO 125/20G	125	40	700	Plain bore	20	45
SPO 125/15K	125	40	700	Ball bearing	15	45
SPO 125/20K	125	40	700	Ball bearing	20	45
SPO 127/20G	125	50	750	Plain bore	20	60
SPO 127/20K	125	50	750	Ball bearing	20	60
SPO 150/20G	150	50	800	Plain bore	20	60
SPO 150/20K	150	50	800	Ball bearing	20	60
SPO 150/25K	150	50	800	Ball bearing	25	60
SPO 160/20G	160	50	850	Plain bore	20	60
SPO 160/20K	160	50	850	Ball bearing	20	60
SPO 160/25K	160	50	850	Ball bearing	25	60

For further wheel Ø refer to the next page

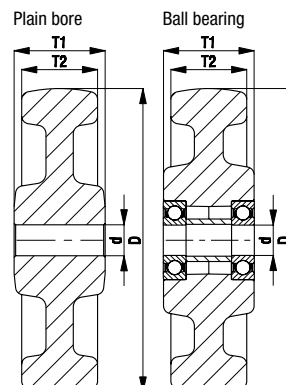
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### Options



	With grease nipple	With stainless steel ball bearing *
Technical description page		61
Product code suffix	-NI	-XK
Available for	upon request	upon request

\* Some dimensions will result in a reduced load capacity (ask for details)



Series: SPO, wheel Ø 175 - 250 mm

## Heavy duty nylon wheels

1000 - 2000 kg

RoHS



<b>Tread &amp; tyre hardness</b>	70° shore D
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	reasonable
<b>Floor surface preservation</b>	reasonable

### SPO-wheel series:

Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance, colour natural white. (Material description page 40)

### Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).  
Operating temperature: -25° C to +80° C.  
At ambient temperatures above +35° C the load capacity is reduced.  
Maintenance-free under standard conditions.

**Wheel series overview page 49**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPO 175/20G	175	50	1000	Plain bore	20	60
SPO 175/20K	175	50	1000	Ball bearing	20	60
SPO 175/25K	175	50	1000	Ball bearing	25	60
SPO 201/20G	200	50	1000	Plain bore	20	60
SPO 201/20K	200	50	1000	Ball bearing	20	60
SPO 200/20G *	200	50	1500	Plain bore	20	60
SPO 200/25G *	200	50	1500	Plain bore	25	60
SPO 200/20K *	200	50	1250	Ball bearing	20	60
SPO 200/25K *	200	50	1500	Ball bearing	25	60
SPO 200/30K *	200	50	1500	Ball bearing	30	60
SPO 251/25G	250	50	1500	Plain bore	25	60
SPO 251/25K	250	50	1500	Ball bearing	25	60
SPO 250/25G *	250	65	2000	Plain bore	25	70
SPO 250/25K *	250	65	2000	Ball bearing	25	65
SPO 250/30K *	250	65	2000	Ball bearing	30	65
SPO 250/35K *	250	65	2000	Ball bearing	35	65

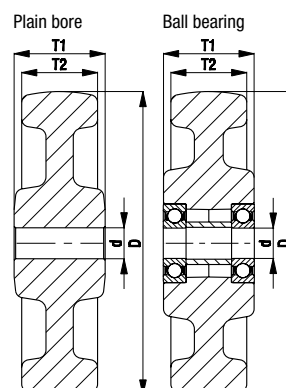
\* Extra heavy wheel design

### Options



	With grease nipple	With stainless steel ball bearing **
Technical description page		61
<b>Product code suffix</b>	<b>-NI</b>	<b>-XK</b>
Available for	upon request	upon request

\*\* Some dimensions will result in a reduced load capacity (ask for details)

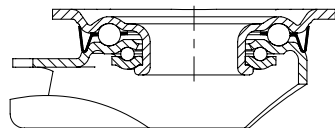


Series: LK-SPO, BK-SPO, wheel Ø 75 - 125x40 mm

**Pressed steel castors, medium heavy duty brackets, with top plate fitting, with heavy duty nylon wheel**

300 - 350 kg

RoHS



**Brackets:** LK/BK series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** SPO series - Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white. Bearing types: Plain bore or two pressed-in ball bearings. Detailed description: Page 300 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-SPO 75G	BK-SPO 75G	LK-SPO 75G-FI	75	32	300	Plain bore	108	100 x 85	80 x 60	9	40
LK-SPO 75K	BK-SPO 75K	LK-SPO 75K-FI	75	32	300	Ball bearing	108	100 x 85	80 x 60	9	40
LK-SPO 80G	BK-SPO 80G	LK-SPO 80G-FI	80	37	350	Plain bore	110	100 x 85	80 x 60	9	40
LK-SPO 80K	BK-SPO 80K	LK-SPO 80K-FI	80	37	350	Ball bearing	110	100 x 85	80 x 60	9	40
LK-SPO 100G-1	BK-SPO 100G-1	LK-SPO 100G-1-FI	100	37	350	Plain bore	130	100 x 85	80 x 60	9	45
LK-SPO 100K-1	BK-SPO 100K-1	LK-SPO 100K-1-FI	100	37	350	Ball bearing	130	100 x 85	80 x 60	9	45
LK-SPO 100G-3	BK-SPO 100G-3	LK-SPO 100G-3-FI	100	37	350	Plain bore	130	140 x 110	105 x 75-80	11	45
LK-SPO 100K-3	BK-SPO 100K-3	LK-SPO 100K-3-FI	100	37	350	Ball bearing	130	140 x 110	105 x 75-80	11	45
LK-SPO 125G-1	BK-SPO 125G-1	LK-SPO 125G-1-FI	125	40	350	Plain bore	155	100 x 85	80 x 60	9	48
LK-SPO 125K-1	BK-SPO 125K-1	LK-SPO 125K-1-FI	125	40	350	Ball bearing	155	100 x 85	80 x 60	9	48
LK-SPO 125G-3	BK-SPO 125G-3	LK-SPO 125G-3-FI	125	40	350	Plain bore	155	140 x 110	105 x 75-80	11	48
LK-SPO 125K-3	BK-SPO 125K-3	LK-SPO 125K-3-FI	125	40	350	Ball bearing	155	140 x 110	105 x 75-80	11	48

For further wheel Ø refer to the next page  
For stainless steel versions refer to page 375

**Options**



	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm *	Directional lock (retro-fit) 1 x 360°	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	84	80	81	80	83	85	61
Product code suffix	-FA	-ST	-CS11	-IS	refer to **	-XA	-XK
Available for	all sizes	all sizes	wheel Ø 100-125 mm	Ø 100-125 mm with plate 140x110	for wheel Ø and plate dimensions refer to **	plain bore versions upon request	upon request

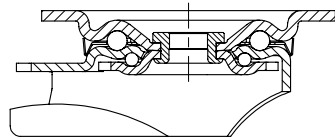
\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**  
\*\* **RI-05.01** available for wheel-Ø 75 - 125 mm with plate 100x85 mm, **RI-03.03** available for wheel Ø 100 - 125 mm with plate 140x110 mm (only for swivel castors without brake)

Series: LK-SPO, BH-SPO, wheel Ø 125x50 - 200 mm

**Pressed steel castors, medium heavy duty brackets, with top plate fitting, with heavy duty nylon wheel**

600 kg

RoHS



**Brackets:** LK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** SPO series - Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white. Bearing types: Plain bore or two pressed-in ball bearings. Detailed description: Page 300, 301 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-SPO 127G	BH-SPO 127G	LK-SPO 127G-FI	125	50	600	Plain bore	170	140 x 110	105 x 75-80	11	55
LK-SPO 127K	BH-SPO 127K	LK-SPO 127K-FI	125	50	600	Ball bearing	170	140 x 110	105 x 75-80	11	55
LK-SPO 150G	BH-SPO 150G	LK-SPO 150G-FI	150	50	600	Plain bore	197	140 x 110	105 x 75-80	11	63
LK-SPO 150K	BH-SPO 150K	LK-SPO 150K-FI	150	50	600	Ball bearing	197	140 x 110	105 x 75-80	11	63
LK-SPO 160G	BH-SPO 160G	LK-SPO 160G-FI	160	50	600	Plain bore	202	140 x 110	105 x 75-80	11	63
LK-SPO 160K	BH-SPO 160K	LK-SPO 160K-FI	160	50	600	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-SPO 175G	BH-SPO 175G	LK-SPO 175G-FI	175	50	600	Plain bore	220	140 x 110	105 x 75-80	11	65
LK-SPO 175K	BH-SPO 175K	LK-SPO 175K-FI	175	50	600	Ball bearing	220	140 x 110	105 x 75-80	11	65
LK-SPO 201G	BH-SPO 201G	LK-SPO 201G-FI	200	50	600	Plain bore	245	140 x 110	105 x 75-80	11	65
LK-SPO 201K	BH-SPO 201K	LK-SPO 201K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65
LK-SPO 200G *	BH-SPO 200G *	LK-SPO 200G-FI *	200	50	600	Plain bore	245	140 x 110	105 x 75-80	11	65
LK-SPO 200K *	BH-SPO 200K *	LK-SPO 200K-FI *	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65

\* Extra heavy wheel design

For stainless steel versions refer to page 375

**Options**



	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With 'ideal-stop' brake ttl. height +17mm **	Directional lock (retro fit) 1 x 360° ***	With steel foot guard	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	84	80	80	83	84	85	61
Product code suffix	-FA	-ST	-IS	RI-05.03	-FS	-XA	-XK
Available for	all sizes	all sizes	wheel Ø 125, 160, 200 mm	all sizes	upon request	plain bore versions upon request	upon request

\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

\*\*\* Only for swivel castors without brake

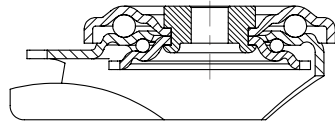


Series: LKR-SPO

**Pressed steel castors, medium heavy duty brackets, with bolt hole fitting, with heavy duty nylon wheel**

300 - 350 kg

RoHS



**Brackets:** LKR series - Made of heavy pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 66  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** SPO series - Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white.  
Bearing types: Plain bore or two pressed-in ball bearings.  
Detailed description: Page 300 and 49

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LKR-SPO 75G	LKR-SPO 75G-FI	75	32	300	Plain bore	108	88	13	40
LKR-SPO 75K	LKR-SPO 75K-FI	75	32	300	Ball bearing	108	88	13	40
LKR-SPO 80G	LKR-SPO 80G-FI	80	37	350	Plain bore	110	88	13	40
LKR-SPO 80K	LKR-SPO 80K-FI	80	37	350	Ball bearing	110	88	13	40
LKR-SPO 100G	LKR-SPO 100G-FI	100	37	350	Plain bore	130	88	13	45
LKR-SPO 100K	LKR-SPO 100K-FI	100	37	350	Ball bearing	130	88	13	45
LKR-SPO 125G	LKR-SPO 125G-FI	125	40	350	Plain bore	155	88	13	48
LKR-SPO 125K	LKR-SPO 125K-FI	125	40	350	Ball bearing	155	88	13	48

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**Options**



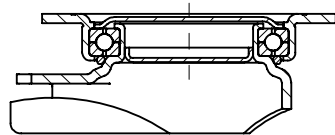
	With pressed steel thread guard, zinc-plated	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	84	85	61
Product code suffix	-FA	-XA	-XK
Available for	all sizes	plain bore versions upon request	upon request

Series: LU-SPO, BH-SPO

**Pressed steel castors, closed medium heavy duty brackets, with top plate fitting, with heavy duty nylon wheel**

750 kg

RoHS



**Brackets:** LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview: Page 66

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** SPO series - Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white.

Bearing types: Plain bore or two pressed-in ball bearings.

Detailed description: Page 300, 301 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LU-SPO 127G	BH-SPO 127G	LU-SPO 127G-FI	125	50	750	Plain bore	170	140 x 110	105 x 75-80	11	55
LU-SPO 127K	BH-SPO 127K	LU-SPO 127K-FI	125	50	750	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-SPO 150G	BH-SPO 150G	LU-SPO 150G-FI	150	50	750	Plain bore	197	140 x 110	105 x 75-80	11	61
LU-SPO 150K	BH-SPO 150K	LU-SPO 150K-FI	150	50	750	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-SPO 160G	BH-SPO 160G	LU-SPO 160G-FI	160	50	750	Plain bore	202	140 x 110	105 x 75-80	11	61
LU-SPO 160K	BH-SPO 160K	LU-SPO 160K-FI	160	50	750	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-SPO 201G	BH-SPO 201G	LU-SPO 201G-FI	200	50	750	Plain bore	245	140 x 110	105 x 75-80	11	63
LU-SPO 201K	BH-SPO 201K	LU-SPO 201K-FI	200	50	750	Ball bearing	245	140 x 110	105 x 75-80	11	63
LU-SPO 200G *	BH-SPO 200G *	LU-SPO 200G-FI *	200	50	750	Plain bore	245	140 x 110	105 x 75-80	11	63
LU-SPO 200K *	BH-SPO 200K *	LU-SPO 200K-FI *	200	50	750	Ball bearing	245	140 x 110	105 x 75-80	11	63

\* Extra heavy wheel design

**Options**



	With pressed steel thread guard, zinc-plated	Directional lock (retro fit) 1 x 360° **	With steel foot guard	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	84	83	84	85	61
Product code suffix	-FA	RI-05.03	-FS	-XA	-XK
Available for	all sizes	all sizes	upon request	plain bore versions upon request	upon request

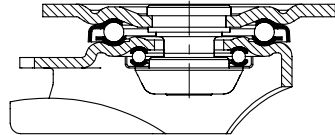
\*\* Only for swivel castors without brake

Series: LH-SPO, BH-SPO, wheel Ø 75 - 125 mm

**Pressed steel castors, heavy duty brackets, with top plate fitting, with heavy duty nylon wheel**

300 - 750 kg

RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 66  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** SPO series - Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white.  
 Bearing types: Plain bore or two pressed-in ball bearings.  
 Detailed description: Page 300 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-SPO 75G	BH-SPO 75G	LH-SPO 75G-FI	75	32	300	Plain bore	118	100 x 85	80 x 60	9	45
LH-SPO 75K	BH-SPO 75K	LH-SPO 75K-FI	75	32	300	Ball bearing	118	100 x 85	80 x 60	9	45
LH-SPO 80G	BH-SPO 80G	LH-SPO 80G-FI	80	37	350	Plain bore	120	100 x 85	80 x 60	9	45
LH-SPO 80K	BH-SPO 80K	LH-SPO 80K-FI	80	37	350	Ball bearing	120	100 x 85	80 x 60	9	45
LH-SPO 82K			80	70	650	Ball bearing	112	100 x 85	80 x 60	9	45
LH-SPO 100G-1	BH-SPO 100G-1	LH-SPO 100G-1-FI	100	37	500	Plain bore	140	100 x 85	80 x 60	9	45
LH-SPO 100K-1	BH-SPO 100K-1	LH-SPO 100K-1-FI	100	37	500	Ball bearing	140	100 x 85	80 x 60	9	45
LH-SPO 100G-3	BH-SPO 100G-3	LH-SPO 100G-3-FI	100	37	500	Plain bore	140	140 x 110	105 x 75-80	11	45
LH-SPO 100K-3	BH-SPO 100K-3	LH-SPO 100K-3-FI	100	37	500	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-SPO 125G-1	BH-SPO 125G-1	LH-SPO 125G-1-FI	125	40	700	Plain bore	165	100 x 85	80 x 60	9	45
LH-SPO 125K-1	BH-SPO 125K-1	LH-SPO 125K-1-FI	125	40	700	Ball bearing	165	100 x 85	80 x 60	9	45
LH-SPO 125G-3	BH-SPO 125G-3	LH-SPO 125G-3-FI	125	40	700	Plain bore	165	140 x 110	105 x 75-80	11	45
LH-SPO 125K-3	BH-SPO 125K-3	LH-SPO 125K-3-FI	125	40	700	Ball bearing	165	140 x 110	105 x 75-80	11	45
LH-SPO 127G	BH-SPO 127G	LH-SPO 127G-FI	125	50	750	Plain bore	170	140 x 110	105 x 75-80	11	55
LH-SPO 127K	BH-SPO 127K	LH-SPO 127K-FI	125	50	750	Ball bearing	170	140 x 110	105 x 75-80	11	55

For further wheel Ø refer to the next page

**Options**



	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm *	Directional lock (retro-fit) 1 x 360°	With steel foot guard	With stainless steel axle tube (-XA) / ball bearing (-XK) ***
Technical description page	84	80	81	80	83	84	85 / 61
Product code suffix	-FA	-ST	-CS13	-IS	refer to **	-FS	-XA / -XK
Available for	all sizes except Ø 80x70 mm	all sizes except Ø 80x70 mm	wheel Ø 125x50 mm	wheel Ø 125x50 mm	for wheel Ø and plate dimensions refer to **	upon request	upon request

\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

\*\* **RI-04.01** for Ø 75, 80x37, 100, 125 mm with plate 100x85 mm, **RI-04.03** for Ø 100, 125x40 mm with plate 140x110 mm, **RI-05.03** for Ø 125x50 mm (only for swivel castors without brake)

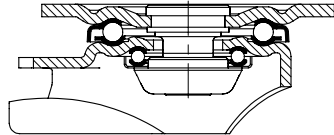
\*\*\* Some dimensions will result in a reduced load capacity (ask for details)

Series: LH-SPO, BH-SPO, wheel Ø 150 - 250 mm

**Pressed steel castors, heavy duty brackets, with top plate fitting, with heavy duty nylon wheel**

800 - 900 kg

RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 66  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** SPO series - Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white.  
Bearing types: Plain bore or two pressed-in ball bearings.  
Detailed description: Page 300, 301 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-SPO 150G	BH-SPO 150G	LH-SPO 150G-FI	150	50	800	Plain bore	197	140 x 110	105 x 75-80	11	65
LH-SPO 150K	BH-SPO 150K	LH-SPO 150K-FI	150	50	800	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-SPO 160G	BH-SPO 160G	LH-SPO 160G-FI	160	50	850	Plain bore	202	140 x 110	105 x 75-80	11	65
LH-SPO 160K	BH-SPO 160K	LH-SPO 160K-FI	160	50	850	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-SPO 175G	BH-SPO 175G	LH-SPO 175G-FI	175	50	900	Plain bore	220	140 x 110	105 x 75-80	11	67
LH-SPO 175K	BH-SPO 175K	LH-SPO 175K-FI	175	50	900	Ball bearing	220	140 x 110	105 x 75-80	11	67
LH-SPO 201G	BH-SPO 201G	LH-SPO 201G-FI	200	50	900	Plain bore	245	140 x 110	105 x 75-80	11	70
LH-SPO 201K	BH-SPO 201K	LH-SPO 201K-FI	200	50	900	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-SPO 200G *	BH-SPO 200G *	LH-SPO 200G-FI *	200	50	900	Plain bore	245	140 x 110	105 x 75-80	11	70
LH-SPO 200K *	BH-SPO 200K *	LH-SPO 200K-FI *	200	50	900	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-SPO 251G	BH-SPO 251G	**	250	50	900	Plain bore	295	140 x 110	105 x 75-80	11	82
LH-SPO 251K	BH-SPO 251K	**	250	50	900	Ball bearing	295	140 x 110	105 x 75-80	11	82
LH-SPO 250G *	BH-SPO 250G *	**	250	65	900	Plain bore	295	140 x 110	105 x 75-80	11	82
LH-SPO 250K *	BH-SPO 250K *	**	250	65	900	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* Extra heavy wheel design

\*\* For the 'stop-top' brake version refer to 'Options'

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**Options**



	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm ***	Directional lock (retro fit) 1 x 360° ****	With steel foot guard	With stainless steel axle tube (-XA) / ball bearing(-XK) *****
Technical description page	84	80	81	80	83	84	85 / 61
Product code suffix	-FA	-ST	-CS13	-IS	RI-05.03	-FS	-XA / -XK
Available for	wheel Ø 150-200 mm	all sizes	wheel Ø 160, 200, 250 mm	wheel Ø 160, 200, 250 mm	wheel Ø 150-200 mm	wheel Ø 150,160, 200 upon request	upon request

\*\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**

\*\*\*\* Only for swivel castors without brake

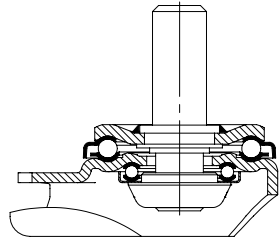
\*\*\*\*\* Some dimensions will result in a reduced load capacity (ask for details)

Series: LHZ-SPO

**Pressed steel castors, heavy duty brackets, with stem fitting, with heavy duty nylon wheel**

750 - 800 kg

RoHS



**Brackets:** LHZ series - Made of heavy pressed steel, with heavy fork and top plate, very strong bolted and secured welded steel plug-in stem, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 67  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** SPO series - Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white.  
 Bearing types: Plain bore or two pressed-in ball bearings.  
 Detailed description: Page 300, 301 and 49

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LHZ-SPO 127G	LHZ-SPO 127G-FI	125	50	750	Plain bore	170	27	60	55
LHZ-SPO 127K	LHZ-SPO 127K-FI	125	50	750	Ball bearing	170	27	60	55
LHZ-SPO 150G	LHZ-SPO 150G-FI	150	50	800	Plain bore	197	27	60	65
LHZ-SPO 150K	LHZ-SPO 150K-FI	150	50	800	Ball bearing	197	27	60	65
LHZ-SPO 160G	LHZ-SPO 160G-FI	160	50	800	Plain bore	202	27	60	65
LHZ-SPO 160K	LHZ-SPO 160K-FI	160	50	800	Ball bearing	202	27	60	65
LHZ-SPO 201G	LHZ-SPO 201G-FI	200	50	800	Plain bore	245	27	60	70
LHZ-SPO 201K	LHZ-SPO 201K-FI	200	50	800	Ball bearing	245	27	60	70
LHZ-SPO 200G *	LHZ-SPO 200G-FI *	200	50	800	Plain bore	245	27	60	70
LHZ-SPO 200K *	LHZ-SPO 200K-FI *	200	50	800	Ball bearing	245	27	60	70

\* Extra heavy wheel design

**Options**



	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With steel foot guard	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub **
Technical description page	84	80	84	85	61
Product code suffix	-FA	-ST	-FS	-XA	-XK
Available for	all sizes	all sizes	upon request	plain bore versions upon request	upon request

\*\* Some dimensions will result in a reduced load capacity (ask for details)

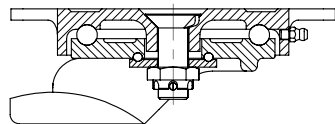


Series: LT-SPO, BT-SPO

**Malleable cast iron castors with top plate fitting, with heavy duty nylon wheel**

300 - 750 kg

RoHS



**Brackets:** LT/BT series - Made of high-quality, malleable cast iron, swivel bracket with double ball bearing in the swivel head (wheel Ø 75 mm: single ball bearing), ball protection by the special top plate and fork design, fitted grease nipple. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 67 Top plate drawings: Page 79

**Wheels:** SPO series - Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white. Bearing type: Plain bore. Detailed description: Page 300 and 49

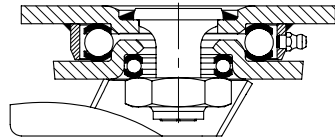
Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LT-SPO 75G	BT-SPO 75G	75	32	300	Plain bore	108	115 x 80	90 x 55	9	30
LT-SPO 100G	BT-SPO 100G	100	37	500	Plain bore	150	155 x 105	125 x 75	11	40
LT-SPO 125G	BT-SPO 125G	125	40	500	Plain bore	163	155 x 105	125 x 75	11	40
LT-SPO 150G	BT-SPO 150G	150	50	750	Plain bore	200	175 x 125	145 x 95	11	50

Series: LO-SPO, BO-SPO

## Welded steel heavy duty castors, with heavy duty nylon wheel

750 - 1250 kg

RoHS



**Brackets:** LO/BO series - Sturdy welded steel construction, swivel bracket with double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 67  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** SPO series - Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white.  
 Bearing types: Plain bore or two pressed-in ball bearings.  
 Detailed description: Page 300, 301 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-SPO 127G	BO-SPO 127G	LO-SPO 127G-ST	125	50	750	Plain bore	170	140 x 110	105 x 75-80	11	50
LO-SPO 127K	BO-SPO 127K	LO-SPO 127K-ST	125	50	750	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-SPO 150G	BO-SPO 150G	LO-SPO 150G-ST	150	50	800	Plain bore	200	140 x 110	105 x 75-80	11	55
LO-SPO 150K	BO-SPO 150K	LO-SPO 150K-ST	150	50	800	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-SPO 160G	BO-SPO 160G	LO-SPO 160G-ST	160	50	850	Plain bore	205	140 x 110	105 x 75-80	11	55
LO-SPO 160K	BO-SPO 160K	LO-SPO 160K-ST	160	50	850	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-SPO 201G	BO-SPO 201G	LO-SPO 201G-ST	200	50	1000	Plain bore	245	140 x 110	105 x 75-80	11	60
LO-SPO 201K	BO-SPO 201K	LO-SPO 201K-ST	200	50	1000	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-SPO 200G *	BO-SPO 200G *	LO-SPO 200G-ST *	200	50	1250	Plain bore	245	140 x 110	105 x 75-80	11	60
LO-SPO 200K *	BO-SPO 200K *	LO-SPO 200K-ST *	200	50	1250	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-SPO 251G	BO-SPO 251G	LO-SPO 251G-ST	250	50	1200	Plain bore	295	140 x 110	105 x 75-80	11	70
LO-SPO 251K	BO-SPO 251K	LO-SPO 251K-ST	250	50	1200	Ball bearing	295	140 x 110	105 x 75-80	11	70
LO-SPO 250G *	BO-SPO 250G *	LO-SPO 250G-ST *	250	65	1200	Plain bore	295	140 x 110	105 x 75-80	11	70
LO-SPO 250K *	BO-SPO 250K *	LO-SPO 250K-ST *	250	65	1200	Ball bearing	295	140 x 110	105 x 75-80	11	70

\* Extra heavy wheel design

### Options



	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub **	Truck lock
Technical description page	83	83	84	85	61	82, 483
Product code suffix	-RI2	-RI4	-FS	-XA	-XK	FF 125/150/160/200
Available for	wheel Ø 125-200 mm	wheel Ø 125-200 mm	upon request	plain bore versions upon request	upon request	wheel Ø 125-200 mm

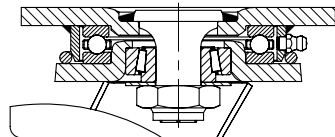
\*\* Some dimensions will result in a reduced load capacity (ask for details)

Series: LS-SPO, BS-SPO

## Welded steel heavy duty castors, strong swivel head design, with heavy duty nylon wheel

750 - 2000 kg

RoHS



**Brackets:** LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle.  
Zinc-plated, yellow-passivated, Cr6-free.  
Bracket overview: Page 68  
Top plate drawings: Page 77 and 78  
Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** SPO series - Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white.  
Bearing types: Plain bore or two pressed-in ball bearings.  
Detailed description: Page 300, 301 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-SPO 127G	BS-SPO 127G	LS-SPO 127G-ST	125	50	750	Plain bore	170	140 x 110	105 x 75-80	11	50
LS-SPO 127K	BS-SPO 127K	LS-SPO 127K-ST	125	50	750	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-SPO 150G	BS-SPO 150G	LS-SPO 150G-ST	150	50	800	Plain bore	200	140 x 110	105 x 75-80	11	55
LS-SPO 150K	BS-SPO 150K	LS-SPO 150K-ST	150	50	800	Ball bearing	200	140 x 110	105 x 75-80	11	55
LS-SPO 160G	BS-SPO 160G	LS-SPO 160G-ST	160	50	850	Plain bore	205	140 x 110	105 x 75-80	11	55
LS-SPO 160K	BS-SPO 160K	LS-SPO 160K-ST	160	50	850	Ball bearing	205	140 x 110	105 x 75-80	11	55
LS-SPO 200G	BS-SPO 200G	LS-SPO 200G-ST	200	50	1500	Plain bore	245	140 x 110	105 x 75-80	11	60
LS-SPO 200K	BS-SPO 200K	LS-SPO 200K-ST	200	50	1500	Ball bearing	245	140 x 110	105 x 75-80	11	60
LS-SPO 251G	BS-SPO 251G	LS-SPO 251G-ST	250	50	1500	Plain bore	305	175 x 140	140 x 105	14	75
LS-SPO 251K	BS-SPO 251K	LS-SPO 251K-ST	250	50	1500	Ball bearing	305	175 x 140	140 x 105	14	75
LS-SPO 250G *	BS-SPO 250G *	LS-SPO 250G-ST *	250	65	2000	Plain bore	305	175 x 140	140 x 105	14	75
LS-SPO 250K *	BS-SPO 250K *	LS-SPO 250K-ST *	250	65	2000	Ball bearing	305	175 x 140	140 x 105	14	75

\* Extra heavy wheel design

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### Options



	With pressed steel thread guard, zinc-plated	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	With sprung foot guard	With stainless steel axle tube (-XA) / ball bearing (-XK) **	Truck lock
Technical description page	84	83	83	84	84	85 / 61	82, 483
Product code suffix	-FA	-R12	-R14	-FS	-FG	-XA / -XK	FF 125/150/160/200
Available for	wheel Ø 125-200 mm	all sizes	all sizes	upon request	upon request	upon request	wheel Ø 125-200 mm

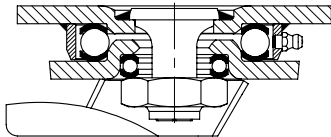
\*\* Some dimensions will result in a reduced load capacity (ask for details)

Series: LOD-SPO, BOD-SPO

## Welded steel heavy duty twin wheel castors, with heavy duty nylon wheels

600 - 1200 kg

RoHS



**Brackets:** LOD/BOD series - Sturdy welded steel construction, swivel bracket with double bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 68  
 Top plate drawings: Page 77

**Wheels:** SPO series - Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 300 and 49



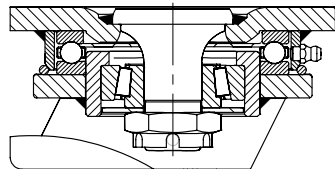
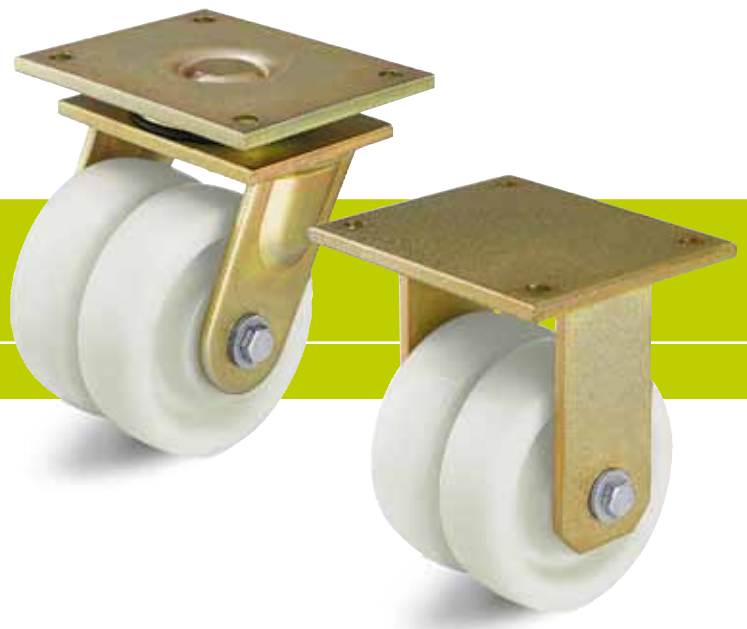
Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
<b>LOD-SPO 80K</b>	<b>BOD-SPO 80K</b>	80	2 x 37	600	Ball bearing	125	110 x 140 *	75-80 x 105	11	40
<b>LOD-SPO 100K</b>	<b>BOD-SPO 100K</b>	100	2 x 37	800	Ball bearing	145	110 x 140 *	75-80 x 105	11	45
<b>LOD-SPO 125K</b>	<b>BOD-SPO 125K</b>	125	2 x 40	1200	Ball bearing	170	110 x 140 *	75-80 x 105	11	50

\* Fixed castors: Long plate side is parallel to the axle

Series: LSD-SPO, BSD-SPO

**Welded steel heavy duty twin wheel castors, strong swivel head design, with heavy duty nylon wheels**

1350 - 3600 kg RoHS



**Brackets:** LSD/BSL series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
 Bolted wheel axle.  
 Zinc-plated, yellow-passivated, Cr6-free.  
 Bracket overview: Page 68  
 Top plate drawings: Page 78

**Wheels:** SPO series - Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 300, 301 and 49



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSD-SPO 127K	BSD-SPO 127K	125	2 x 50	1350	Ball bearing	185	140 x 175 *	105 x 140	14	50
LSD-SPO 150K-35	BSD-SPO 150K-35	150	2 x 50	1450	Ball bearing	215	140 x 175 *	105 x 140	14	55
LSD-SPO 160K-35	BSD-SPO 160K-35	160	2 x 50	1550	Ball bearing	220	140 x 175 *	105 x 140	14	55
LSD-SPO 200K-35	BSD-SPO 200K-35	200	2 x 50	2700	Ball bearing	260	140 x 175 *	105 x 140	14	60
LSD-SPO 250K	BSD-SPO 250K	250	2 x 65	3600	Ball bearing	330	200 x 255 *	160 x 210	18	70

\* Fixed castors: Long plate side is parallel to the axle

**Options**



	With 'Radstop' wheel brake up to wheel Ø 200 mm	With 'Radstop' wheel brake, wheel Ø 250 mm	With directional lock 2 x 180°	With directional lock 4 x 90°	With directional lock 4 x 90° (hand-operated)	With steel foot guard
Technical description page	81	81	83	83	83	84
Product code suffix	-RA	-RAH	-RI2	-RI4	-RI4H	-FS
Available for	upon request	upon request	wheel Ø 125-200x50 upon request	wheel Ø 125-200x50 upon request	wheel Ø 250 mm upon request	upon request

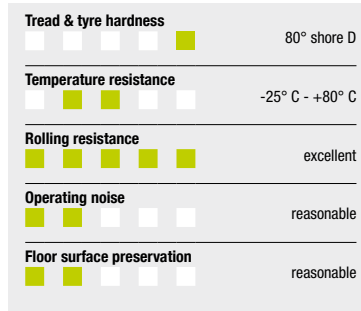


Series: GSPO

## Heavy duty wheels made of cast nylon

100 - 50000 kg

RoHS



### GSPO-wheel series:

Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon with extremely high load capacity, 80° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance, colour natural beige. (Material description page 40)

### Bearing types:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Spherical roller bearing: Two pressed-in spherical roller bearings, sealed, extremely rugged, very durable, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).  
Operating temperature: -25° C to +80° C.  
At ambient temperatures above +35° C the load capacity is reduced.  
The relatively high floor pressure should be considered for pressure-sensitive floors.  
Maintenance-free under standard conditions.

### Wheel series overview page 50

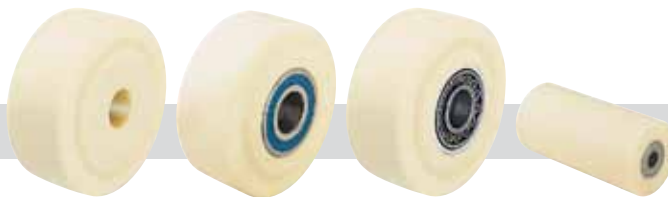
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GSPO 35/8K	35	28	100 *	Ball bearing	8	28
GSPO 50/15K	50	32	250 *	Ball bearing	15	35
GSPO 60/15K	60	32	350 *	Ball bearing	15	35
GSPO 65/15K	65	40	650 *	Ball bearing	15	45
GSPO 80/20K	80	40	1000 *	Ball bearing	20	45
GSPO 100/20K	100	40	1250 *	Ball bearing	20	45
GSPO 101/25K	100	55	1500 *	Ball bearing	25	60
GSPO 125/25K	125	55	2000 *	Ball bearing	25	60
GSPO 150/30K	150	55	2500	Ball bearing	30	60
GSPO 152/35K	150	80	3000	Ball bearing	35	90
GSPO 200/35K	200	55	3000	Ball bearing	35	60
GSPO 202/45K	200	80	4500	Ball bearing	45	90
GSPO 250/45K	250	65	5000	Ball bearing	45	70
GSPO 252/50K	250	80	6000	Ball bearing	50	90
GSPO 300/55K	300	80	7000	Ball bearing	55	90
GSPO 302/70K	300	110	10000	Ball bearing	70	120
GSPO 400/80K	400	110	12000	Ball bearing	80	120
GSPO 500/100K	500	130	15000	Ball bearing	100	130
GSPO 600/100PR	600	150	21000	Spherical rol. brg.	100	170
GSPO 700/130PR	700	200	30000	Spherical rol. brg.	130	220
GSPO 1000/160PR	1000	330	50000	Spherical rol. brg.	160	350

\* Test in accordance to DIN 12532 with extended resting periods in order to avoid thermal overstressing

Further dimensions upon request

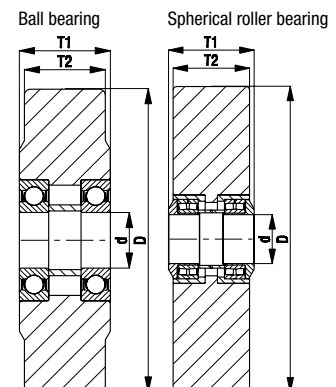
14

### Options



	Plain bore version	With stainless steel ball bearing **	With spherical roller bearing	Further versions
Technical description page	60	61	61	
<b>Product code suffix</b>		<b>-XK</b>	<b>-PR</b>	
Available for	upon request	upon request	upon request	upon request

\*\* Some dimensions will result in a reduced load capacity (ask for details)

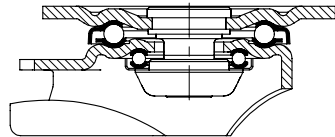


Series: LH-GSP0, BH-GSP0

**Pressed steel castors, heavy duty brackets, with top plate fitting, with heavy duty cast nylon wheel**

650 - 900 kg

RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.

Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview: Page 66

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** GSP0 series - Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D, natural beige.

Bearing type: Two pressed-in ball bearings.

Detailed description: Page 314 and 50



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity * [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-GSP0 65K	BH-GSP0 65K		65	40	650	Ball bearing	97	100 x 85	80 x 60	9	45
LH-GSP0 80K	BH-GSP0 80K	LH-GSP0 80K-FI	80	40	700	Ball bearing	120	100 x 85	80 x 60	9	45
LH-GSP0 100K-1	BH-GSP0 100K-1	LH-GSP0 100K-1-FI	100	40	700	Ball bearing	140	100 x 85	80 x 60	9	45
LH-GSP0 100K-3	BH-GSP0 100K-3	LH-GSP0 100K-3-FI	100	40	700	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-GSP0 125K	BH-GSP0 125K	LH-GSP0 125K-FI	125	55	900	Ball bearing	170	140 x 110	105 x 75-80	11	55

\* Test in accordance to DIN 12532 with extended resting periods in order to avoid thermal overstressing

**Options**



	With 'stop-top' brake	Directional lock (retro-fit) 1 x 360° **	Directional lock (retro-fit) 1 x 360° **	Directional lock (retro fit) 1 x 360° **	With steel foot guard	With stainless steel ball bearing ***
Technical description page	80	83	83	83	84	61
Product code suffix	-ST	RI-04.01	RI-04.03	RI-05.03	-FS	-XK
Available for	wheel Ø 80-125 mm	wheel Ø 80-100 mm with plate 100x85	wheel Ø 100 mm with plate 140x110	wheel Ø 125 mm	wheel Ø 125 mm upon request	upon request

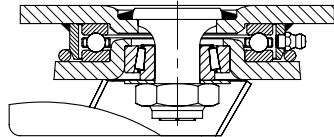
\*\* Only for swivel castors without brake

\*\*\* Some dimensions will result in a reduced load capacity (ask for details)

Series: LS-GSP0, BS-GSP0

**Welded steel extra heavy duty castors, extra strong swivel head design, with heavy duty cast nylon wheel**

1500 - 12000 kg RoHS



**Brackets:** LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle.  
 Wheel Ø 100 - 300x80 mm: Zinc-plated, yellow-passivated, Cr6-free.  
 Wheel Ø 300x110 - 400 mm: Lacquered, red.  
 Bracket overview: Page 68  
 Top plate drawings: Page 77 and 78  
 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** GSP0 series - Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D, natural beige.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 314 and 50



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-GSP0 101K	BS-GSP0 101K	LS-GSP0 101K-ST	100	55	1500 *	Ball bearing	145	140 x 110	105 x 75-80	11	50
LS-GSP0 125K	BS-GSP0 125K	LS-GSP0 125K-ST	125	55	1750 *	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-GSP0 150K-35	BS-GSP0 150K-35	LS-GSP0 150K-35-ST	150	55	2500	Ball bearing	205	175 x 140	140 x 105	14	65
LS-GSP0 152K-35	BS-GSP0 152K-35	LS-GSP0 152K-35-ST	150	80	3000	Ball bearing	205	175 x 140	140 x 105	14	65
LS-GSP0 200K-35	BS-GSP0 200K-35	LS-GSP0 200K-35-ST	200	55	3000	Ball bearing	255	175 x 140	140 x 105	14	65
LS-GSP0 202K	BS-GSP0 202K	**	200	80	4500	Ball bearing	280	255 x 200	210 x 160	18	75
LS-GSP0 250K	BS-GSP0 250K	**	250	65	5000	Ball bearing	330	255 x 200	210 x 160	18	80
LS-GSP0 252K	BS-GSP0 252K	**	250	80	6000	Ball bearing	330	255 x 200	210 x 160	18	80
LS-GSP0 300K	BS-GSP0 300K	**	300	80	6000	Ball bearing	380	255 x 200	210 x 160	18	90
LS-GSP0 302K	BS-GSP0 302K	**	300	110	10000	Ball bearing	430	400 x 300	340 x 240	26	110
LS-GSP0 400K	BS-GSP0 400K	**	400	110	12000	Ball bearing	530	400 x 300	340 x 240	26	125

\* Test in accordance to DIN 12532 with extended resting periods in order to avoid thermal overstressing  
 \*\* For the 'Radstop' brake version refer to 'Options'

**Options**



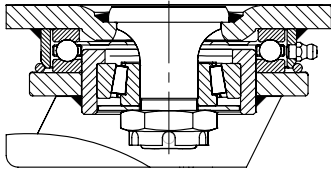
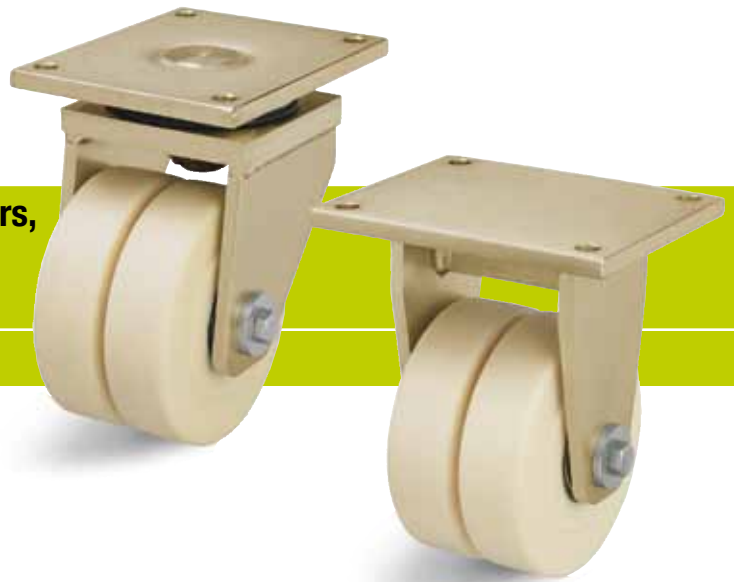
	Image with red lacquered bracket Ø 300x110 - 400 mm	With 'Radstop' wheel brake	With directional lock 2 x 180°	With directional lock 4 x 90°	With directional lock 4 x 90° (hand-operated)	With steel foot guard	With stainless steel ball bearing ***
Technical description page		81	83	83	83	84	61
Product code suffix		-RAH	-RI2	-RI4	-RI4H	-FS	-XK
Available for		upon request	wheel Ø 100 - 200x55 mm	wheel Ø 100 - 200x55 mm	Ø 200x80 - 400 mm upon request	upon request	upon request

\*\*\* Some dimensions will result in a reduced load capacity (ask for details)

Series: LSD-GSP0, BSD-GSP0

**Welded steel extra heavy duty twin wheel castors, extra strong swivel head design, with heavy duty cast nylon wheels**

1750 - 20000 kg RoHS



**Brackets:** LSD/BSL series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
 Bolted wheel axle.  
 Wheel Ø 80-200 mm: Zinc-plated, yellow-passivated, Cr6-free.  
 Wheel Ø 250-400 mm: Lacquered, red.  
 Bracket overview: Page 68  
 Top plate drawings: Page 77 and 78

**Wheels:** GSP0 series - Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D, natural beige.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 314 and 50



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LSD-GSP0 80K	BSD-GSP0 80K	80	2 x 40	1750 *	Ball bearing	125	110 x 140 **	75-80 x 105	11	40
LSD-GSP0 100K	BSD-GSP0 100K	100	2 x 40	2200 *	Ball bearing	160	140 x 175 **	105 x 140	14	45
LSD-GSP0 125K	BSD-GSP0 125K	125	2 x 55	3600 *	Ball bearing	205	200 x 255 **	160 x 210	18	50
LSD-GSP0 150K	BSD-GSP0 150K	150	2 x 55	4500	Ball bearing	230	200 x 255 **	160 x 210	18	55
LSD-GSP0 200K	BSD-GSP0 200K	200	2 x 55	5400	Ball bearing	290	200 x 255 **	160 x 210	18	60
LSD-GSP0 250K	BSD-GSP0 250K	250	2 x 65	9000	Ball bearing	380	300 x 400 **	240 x 340	26	110
LSD-GSP0 302K	BSD-GSP0 302K	300	2 x 110	17000	Ball bearing	500	400 x 500 **	300 x 400	32	110
LSD-GSP0 400K	BSD-GSP0 400K	400	2 x 110	20000	Ball bearing	600	400 x 500 **	300 x 400	32	125

\* Test in accordance to DIN 12532 with extended resting periods in order to avoid thermal overstressing  
 \*\* Fixed castors: Long plate side is parallel to the axle

**Options**



	Image with red lacquered bracket Ø 250-400 mm	With 'Radstop' wheel brake	With directional lock 2 x 180°	With directional lock 4 x 90°	With directional lock 4 x 90° (hand-operated)	With steel foot guard
Technical description page		81	83	83	83	84
Product code suffix		-RAH	-RI2	-RI4	-RI4H	-FS
Available for		upon request	wheel Ø 80-100 mm upon request	wheel Ø 80-100 mm upon request	wheel Ø 125-400 mm upon request	upon request









## Cast iron wheels and castors



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## Table of Contents

	<b>G</b>	<b>L</b>	<b>LK</b>	<b>LU</b>	<b>LH</b>	<b>LT</b>	<b>LO</b>	<b>LS</b>
								
Series	G	L-G	LK-G	LU-G	LH-G	LT-G	LO-G	LS-G
Wheel Ø	80 - 250 mm	80 - 200 mm	80 - 200 mm	125 - 200 mm	80 - 250 mm	65 - 150 mm	125 - 250 mm	125 - 250 mm
Load capacity	250 - 1400 kg	200 - 350 kg	250 - 600 kg	750 kg	250 - 900 kg	150 - 750 kg	750 - 1200 kg	750 - 1400 kg
Page	320	321	322	323	324	325	326	327

Series: G

## Cast iron wheels

250 - 1400 kg

RoHS



<b>Tread &amp; tyre hardness</b>	180 - 220 HB
<b>Temperature resistance</b>	-25° C - +120° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	sufficient
<b>Floor surface preservation</b>	sufficient

### G-wheel series:

Made of rugged grey cast iron, machined tread and tread edges, with grease nipple, exceptionally low rolling and swivel resistance, outstanding wear resistance, lacquered, colour silver. (Material description page 40)

### Bearing types:

- Plain bore
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

For chemical resistance refer to material description page 40.  
 Operating temperature: -25° C to +120° C.  
 For plain bore versions, a temperature specific grease must be regularly applied.  
 The relatively high floor pressure should be considered for pressure-sensitive floors.

**Wheel series overview page 50**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
G 80/12G	80	25	250	Plain bore	12	35
G 100/15G	100	35	400	Plain bore	15	45
G 100/15K	100	35	400	Ball bearing	15	40
G 125/15G	125	35	450	Plain bore	15	45
G 125/15K	125	35	450	Ball bearing	15	45
G 127/20G	125	50	750	Plain bore	20	60
G 127/20K	125	50	750	Ball bearing	20	60
G 150/20G	150	50	900	Plain bore	20	60
G 150/20K	150	50	900	Ball bearing	20	60
G 200/20G	200	50	1100	Plain bore	20	60
G 200/20K	200	50	1100	Ball bearing	20	60
G 250/25G	250	60	1400	Plain bore	25	65
G 250/25K	250	60	1400	Ball bearing	25	70

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### Options



Heat-resistant versions

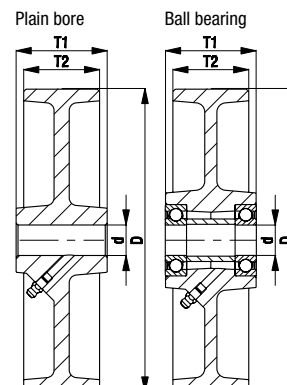
Technical description page

40

### Product code suffix

Available for

refer to page 399

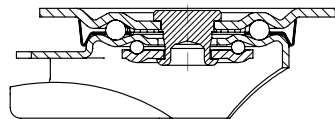
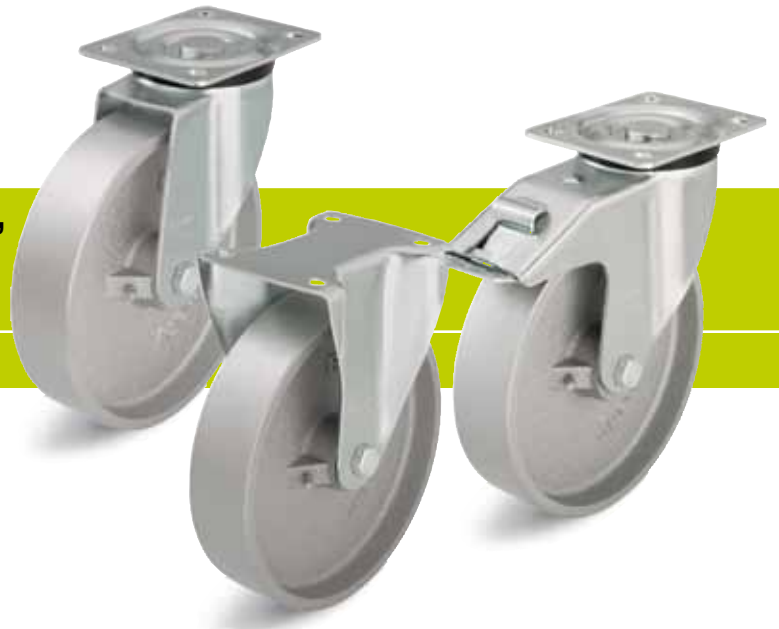


Series: L-G, B-G

**Pressed steel castors, medium duty brackets, with top plate fitting, with cast iron wheel**

200 - 350 kg

RoHS



**Brackets:** L/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 150-200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 65  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** G series - Made of grey cast iron, with grease nipple, lacquered, silver. Bearing type: Plain bore. Detailed description: Page 320 and 50



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-G 80G	B-G 80G	L-G 80G-FI	80	25	200	Plain bore	102	100 x 85	80 x 60	9	38
L-G 100G	B-G 100G	L-G 100G-FI	100	35	200	Plain bore	125	100 x 85	80 x 60	9	36
L-G 125G	B-G 125G	L-G 125G-FI	125	35	200	Plain bore	150	100 x 85	80 x 60	9	40
L-G 150G	B-G 150G	L-G 150G-FI	150	50	350	Plain bore	190	140 x 110	105 x 75-80	11	60
L-G 200G	B-G 200G	L-G 200G-FI	200	50	350	Plain bore	235	140 x 110	105 x 75-80	11	65



Options	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *	With steel foot guard	Heat-resistant versions
Technical description page	80	83	83	84	40, 71
Product code suffix	-ST	RI-03.01	RI-05.03	-FS	
Available for	all sizes	wheel Ø 100-125 mm	wheel Ø 150-200 mm	wheel Ø 150-200 mm upon request	refer to page 400

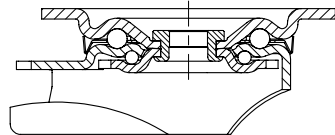
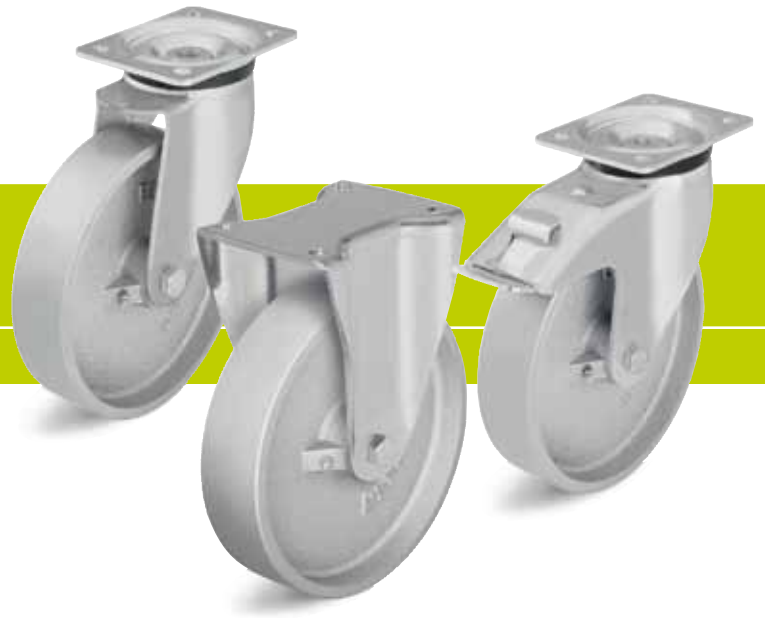
\* Only for swivel castors without brake

Series: LK-G, BK-G, BH-G

**Pressed steel castors, medium heavy duty brackets, with top plate fitting, with cast iron wheel**

250 - 600 kg

RoHS



**Brackets:** LK/BK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 125x50 - 200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** G series - Made of grey cast iron, with grease nipple, lacquered, silver. Bearing types: Plain bore or two pressed-in ball bearings. Detailed description: Page 320 and 50



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LK-G 80G	BK-G 80G	LK-G 80G-FI	80	25	250	Plain bore	110	100 x 85	80 x 60	9	40
LK-G 100G-1	BK-G 100G-1	LK-G 100G-1-FI	100	35	350	Plain bore	130	100 x 85	80 x 60	9	45
LK-G 100K-1	BK-G 100K-1	LK-G 100K-1-FI	100	35	350	Ball bearing	130	100 x 85	80 x 60	9	45
LK-G 100G-3	BK-G 100G-3	LK-G 100G-3-FI	100	35	350	Plain bore	130	140 x 110	105 x 75-80	11	45
LK-G 100K-3	BK-G 100K-3	LK-G 100K-3-FI	100	35	350	Ball bearing	130	140 x 110	105 x 75-80	11	45
LK-G 125G-1	BK-G 125G-1	LK-G 125G-1-FI	125	35	350	Plain bore	155	100 x 85	80 x 60	9	48
LK-G 125K-1	BK-G 125K-1	LK-G 125K-1-FI	125	35	350	Ball bearing	155	100 x 85	80 x 60	9	48
LK-G 125G-3	BK-G 125G-3	LK-G 125G-3-FI	125	35	350	Plain bore	155	140 x 110	105 x 75-80	11	48
LK-G 125K-3	BK-G 125K-3	LK-G 125K-3-FI	125	35	350	Ball bearing	155	140 x 110	105 x 75-80	11	48
LK-G 127G	BH-G 127G	LK-G 127G-FI	125	50	600	Plain bore	170	140 x 110	105 x 75-80	11	55
LK-G 127K	BH-G 127K	LK-G 127K-FI	125	50	600	Ball bearing	170	140 x 110	105 x 75-80	11	55
LK-G 150G	BH-G 150G	LK-G 150G-FI	150	50	600	Plain bore	197	140 x 110	105 x 75-80	11	63
LK-G 150K	BH-G 150K	LK-G 150K-FI	150	50	600	Ball bearing	197	140 x 110	105 x 75-80	11	63
LK-G 200G	BH-G 200G	LK-G 200G-FI	200	50	600	Plain bore	245	140 x 110	105 x 75-80	11	65
LK-G 200K	BH-G 200K	LK-G 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65

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**Options**

	With 'stop-top' brake	Directional lock (retro-fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	80	83	83	83	84
Product code suffix	-ST	RI-05.01	RI-03.03	RI-05.03	-FS
Available for	all sizes	Ø 80 - 125x35 mm with plate 100x85	Ø 100 - 125x35 mm with plate 140x110	wheel Ø 125x50 - 200 mm	upon request

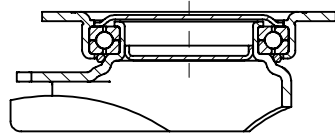
\* Only for swivel castors without brake

Series: LU-G, BH-G

**Pressed steel castors, closed medium heavy duty brackets, with top plate fitting, with cast iron wheel**

750 kg

RoHS



**Brackets:** LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview: Page 66

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** G series - Made of grey cast iron, with grease nipple, lacquered, silver.  
Bearing types: Plain bore or two pressed-in ball bearings.  
Detailed description: Page 320 and 50



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LU-G 127G	BH-G 127G	LU-G 127G-FI	125	50	750	Plain bore	170	140 x 110	105 x 75-80	11	55
LU-G 127K	BH-G 127K	LU-G 127K-FI	125	50	750	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-G 150G	BH-G 150G	LU-G 150G-FI	150	50	750	Plain bore	197	140 x 110	105 x 75-80	11	61
LU-G 150K	BH-G 150K	LU-G 150K-FI	150	50	750	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-G 200G	BH-G 200G	LU-G 200G-FI	200	50	750	Plain bore	245	140 x 110	105 x 75-80	11	63
LU-G 200K	BH-G 200K	LU-G 200K-FI	200	50	750	Ball bearing	245	140 x 110	105 x 75-80	11	63

**Options**



	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	83	84
Product code suffix	RI-05.03	-FS
Available for	all sizes	upon request

\* Only for swivel castors without brake

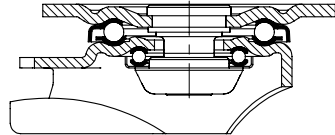
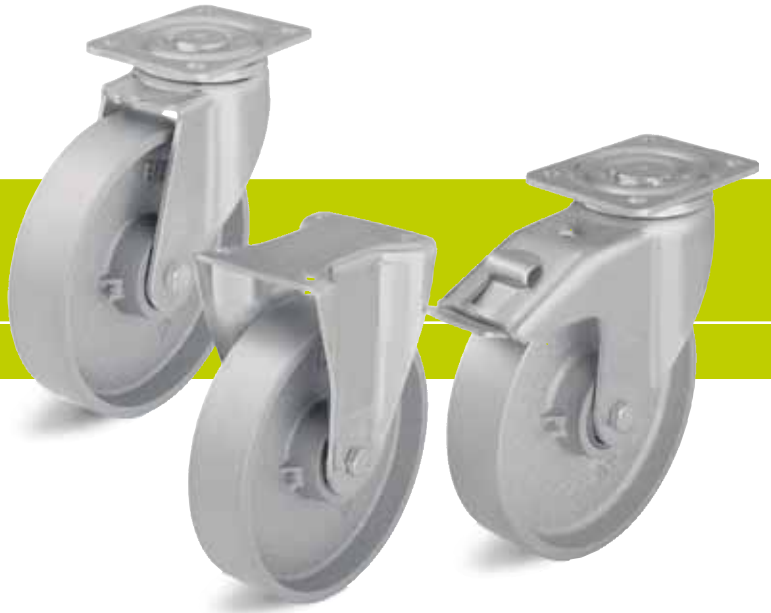


Series: LH-G, BH-G

**Pressed steel castors, heavy duty brackets, with top plate fitting, with cast iron wheel**

250 - 900 kg

RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 66  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** G series - Made of grey cast iron, with grease nipple, lacquered, silver.  
 Bearing types: Plain bore or two pressed-in ball bearings.  
 Detailed description: Page 320 and 50



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-G 80G	BH-G 80G	LH-G 80G-FI	80	25	250	Plain bore	120	100 x 85	80 x 60	9	45
LH-G 100G-1	BH-G 100G-1	LH-G 100G-1-FI	100	35	400	Plain bore	140	100 x 85	80 x 60	9	45
LH-G 100K-1	BH-G 100K-1	LH-G 100K-1-FI	100	35	400	Ball bearing	140	100 x 85	80 x 60	9	45
LH-G 100G-3	BH-G 100G-3	LH-G 100G-3-FI	100	35	400	Plain bore	140	140 x 110	105 x 75-80	11	45
LH-G 100K-3	BH-G 100K-3	LH-G 100K-3-FI	100	35	400	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-G 125G-1	BH-G 125G-1	LH-G 125G-1-FI	125	35	450	Plain bore	165	100 x 85	80 x 60	9	45
LH-G 125K-1	BH-G 125K-1	LH-G 125K-1-FI	125	35	450	Ball bearing	165	100 x 85	80 x 60	9	45
LH-G 125G-3	BH-G 125G-3	LH-G 125G-3-FI	125	35	450	Plain bore	165	140 x 110	105 x 75-80	11	45
LH-G 125K-3	BH-G 125K-3	LH-G 125K-3-FI	125	35	450	Ball bearing	165	140 x 110	105 x 75-80	11	45
LH-G 127G	BH-G 127G	LH-G 127G-FI	125	50	750	Plain bore	170	140 x 110	105 x 75-80	11	55
LH-G 127K	BH-G 127K	LH-G 127K-FI	125	50	750	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-G 150G	BH-G 150G	LH-G 150G-FI	150	50	900	Plain bore	197	140 x 110	105 x 75-80	11	65
LH-G 150K	BH-G 150K	LH-G 150K-FI	150	50	900	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-G 200G	BH-G 200G	LH-G 200G-FI	200	50	900	Plain bore	245	140 x 110	105 x 75-80	11	70
LH-G 200K	BH-G 200K	LH-G 200K-FI	200	50	900	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-G 250G	BH-G 250G	*	250	60	900	Plain bore	295	140 x 110	105 x 75-80	11	82
LH-G 250K	BH-G 250K	*	250	60	900	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* For the 'stop-top' brake version refer to 'Options'

**Options**



	With 'stop-top' brake	Directional lock (retro-fit) 1 x 360° **	Directional lock (retro-fit) 1 x 360° **	Directional lock (retro fit) 1 x 360° **	With steel foot guard	With sprung foot guard	Truck lock
Technical description page	80	83	83	83	84	84	82, 483
Product code suffix	-ST	RI-04.01	RI-04.03	RI-05.03	-FS	-FG	FF 125/150/200
Available for	all sizes	wheel Ø 80-125 mm with plate 100x85	Ø 100 - 125x35 mm with plate 140x110	wheel Ø 125x50 - 200 mm	upon request	upon request	wheel Ø 125x50 - 200 mm

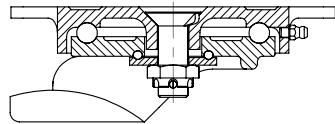
\*\* Only for swivel castors without brake

Series: LT-G, BT-G

**Malleable cast iron castors with top plate fitting, with cast iron wheel**

150 - 750 kg

RoHS



**Brackets:** LT/BT series - Made of high-quality, malleable cast iron, swivel bracket with double ball bearing in the swivel head (wheel Ø 65-80 mm: single ball bearing), ball protection by the special top plate and fork design, fitted grease nipple.  
 Bolted wheel axle (wheel Ø 65 mm: riveted, wheel Ø 80 mm: pinned).  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 67  
 Top plate drawings: Page 79

**Wheels:** G series - Made of grey cast iron, with grease nipple, lacquered, silver.  
 Bearing type: Plain bore.  
 Detailed description: Page 320 and 50

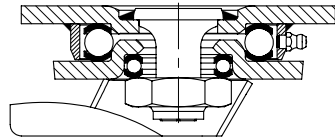
Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LT-G 65G	BT-G 65G	65	30	150	Plain bore	91	95 x 60	75 x 40	9	22
LT-G 80G	BT-G 80G	80	35	250	Plain bore	110	115 x 80	90 x 55	9	30
LT-G 100G	BT-G 100G	100	35	400	Plain bore	150	155 x 105	125 x 75	11	40
LT-G 125G	BT-G 125G	125	35	450	Plain bore	163	155 x 105	125 x 75	11	40
LT-G 150G	BT-G 150G	150	50	750	Plain bore	200	175 x 125	145 x 95	11	50

Series: LO-G, BO-G

## Welded steel heavy duty castors, with cast iron wheel

750 - 1200 kg

RoHS



**Brackets:** LO/BO series - Sturdy welded steel construction, swivel bracket with double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 67  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** G series - Made of grey cast iron, with grease nipple, lacquered, silver.  
Bearing types: Plain bore or two pressed-in ball bearings.  
Detailed description: Page 320 and 50



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-G 127G	BO-G 127G	LO-G 127G-ST	125	50	750	Plain bore	170	140 x 110	105 x 75-80	11	50
LO-G 127K	BO-G 127K	LO-G 127K-ST	125	50	750	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-G 150G	BO-G 150G	LO-G 150G-ST	150	50	900	Plain bore	200	140 x 110	105 x 75-80	11	55
LO-G 150K	BO-G 150K	LO-G 150K-ST	150	50	900	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-G 200G	BO-G 200G	LO-G 200G-ST	200	50	1100	Plain bore	245	140 x 110	105 x 75-80	11	60
LO-G 200K	BO-G 200K	LO-G 200K-ST	200	50	1100	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-G 250G	BO-G 250G	LO-G 250G-ST	250	60	1200	Plain bore	295	140 x 110	105 x 75-80	11	70
LO-G 250K	BO-G 250K	LO-G 250K-ST	250	60	1200	Ball bearing	295	140 x 110	105 x 75-80	11	70

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### Options

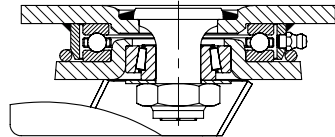


	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	83	83	84	82, 483
Product code suffix	-RI2	-RI4	-FS	FF 125/150/200
Available for	wheel Ø 125-200 mm	wheel Ø 125-200 mm	upon request	wheel Ø 125-200 mm

Series: LS-G, BS-G

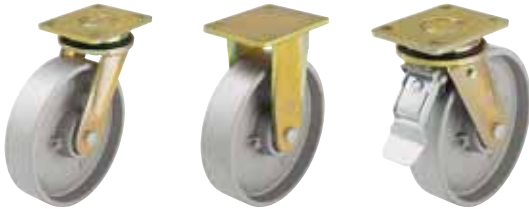
**Welded steel heavy duty castors, strong swivel head design, with cast iron wheel**

750 - 1400 kg RoHS



**Brackets:** LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle. Zinc-plated, yellow-passivated, Cr6-free. Bracket overview: Page 68 Top plate drawings: Page 77 and 78 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** G series - Made of grey cast iron, with grease nipple, lacquered, silver. Bearing types: Plain bore or two pressed-in ball bearings. Detailed description: Page 320 and 50



Swivel castors	Fixed castors	Swivel castors with 'stop-top' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-G 127G	BS-G 127G	LS-G 127G-ST	125	50	750	Plain bore	170	140 x 110	105 x 75-80	11	50
LS-G 127K	BS-G 127K	LS-G 127K-ST	125	50	750	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-G 150G	BS-G 150G	LS-G 150G-ST	150	50	900	Plain bore	200	140 x 110	105 x 75-80	11	55
LS-G 150K	BS-G 150K	LS-G 150K-ST	150	50	900	Ball bearing	200	140 x 110	105 x 75-80	11	55
LS-G 200G	BS-G 200G	LS-G 200G-ST	200	50	1100	Plain bore	245	140 x 110	105 x 75-80	11	60
LS-G 200K	BS-G 200K	LS-G 200K-ST	200	50	1100	Ball bearing	245	140 x 110	105 x 75-80	11	60
LS-G 250G	BS-G 250G	LS-G 250G-ST	250	60	1400	Plain bore	305	175 x 140	140 x 105	14	75
LS-G 250K	BS-G 250K	LS-G 250K-ST	250	60	1400	Ball bearing	305	175 x 140	140 x 105	14	75

**Options**



	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	83	83	84	82, 483
Product code suffix	-RI2	-RI4	-FS	FF 125/150/200
Available for	all sizes	all sizes	upon request	wheel Ø 125-200 mm

## Extra heavy duty solid steel wheels and castors



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## Table of Contents

	SVS		LH	LS
	Series	SVS	LH-SVS	LS-SVS
Wheel Ø	65 - 300 mm	65 - 125 mm	100 - 300 mm	
Load capacity	750 - 15000 kg	700 - 900 kg	1700 - 12000 kg	
Page	330	331	332	

Series: SVS

## Extra heavy duty solid steel wheels

750 - 15000 kg

RoHS



<b>Tread &amp; tyre hardness</b>	190 - 230 HB
<b>Temperature resistance</b>	-25° C - +120° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	sufficient
<b>Floor surface preservation</b>	sufficient

### SVS-wheel series:

Made of mild steel, with slightly crowned tread and lightly oiled surface, exceptionally low rolling and swivel resistance, smooth running performance on even floors, outstanding wear resistance, extremely high static and dynamic load capacity.

(Material description page 40)

### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

For chemical resistance refer to material description page 40.

Operating temperature: -25° C to +120° C.

The relatively high floor pressure should be considered for pressure-sensitive floors.

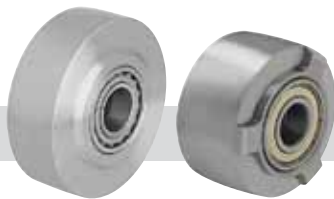
Maintenance-free under standard conditions.

**Wheel series overview page 50**

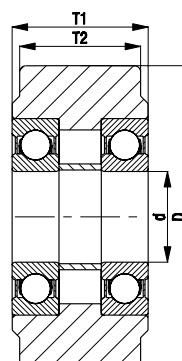
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
<b>SVS 65/20K</b>	65	40	750	Ball bearing	20	45
<b>SVS 80/20K</b>	80	40	1100	Ball bearing	20	45
<b>SVS 100/25K</b>	100	40	1700	Ball bearing	25	45
<b>SVS 127/30K</b>	125	55	2750	Ball bearing	30	60
<b>SVS 150/45K</b>	150	55	4000	Ball bearing	45	60
<b>SVS 201/50K</b>	200	55	6000	Ball bearing	50	60
<b>SVS 200/60K</b>	200	80	7000	Ball bearing	60	90
<b>SVS 250/70K</b>	250	65	10000	Ball bearing	70	75
<b>SVS 300/100K</b>	300	90	15000	Ball bearing	100	100

Further dimensions upon request

### Options



	With spherical roller bearing	Further versions
Technical description page	61	
<b>Product code suffix</b>	<b>-PR</b>	
Available for	upon request	upon request

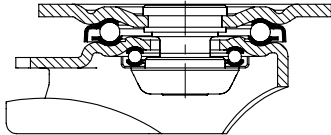


Series: LH-SVS, BH-SVS

**Pressed steel castors, heavy duty brackets, with top plate fitting, with extra heavy duty solid steel wheel**

700 - 900 kg

RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 66  
Top plate drawings: Page 77

**Wheels:** SVS series - Made of mild steel, with slightly crowned tread.  
Bearing type: Two pressed-in ball bearings.  
Detailed description: Page 330 and 50



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-SVS 65K	BH-SVS 65K	65	40	700	Ball bearing	97	100 x 85	80 x 60	9	45
LH-SVS 80K	BH-SVS 80K	80	40	700	Ball bearing	120	100 x 85	80 x 60	9	45
LH-SVS 100K-1	BH-SVS 100K-1	100	40	700	Ball bearing	140	100 x 85	80 x 60	9	45
LH-SVS 100K-3	BH-SVS 100K-3	100	40	700	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-SVS 127K	BH-SVS 127K	125	55	900	Ball bearing	170	140 x 110	105 x 75-80	11	55

**Options**

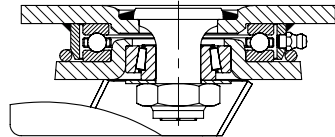
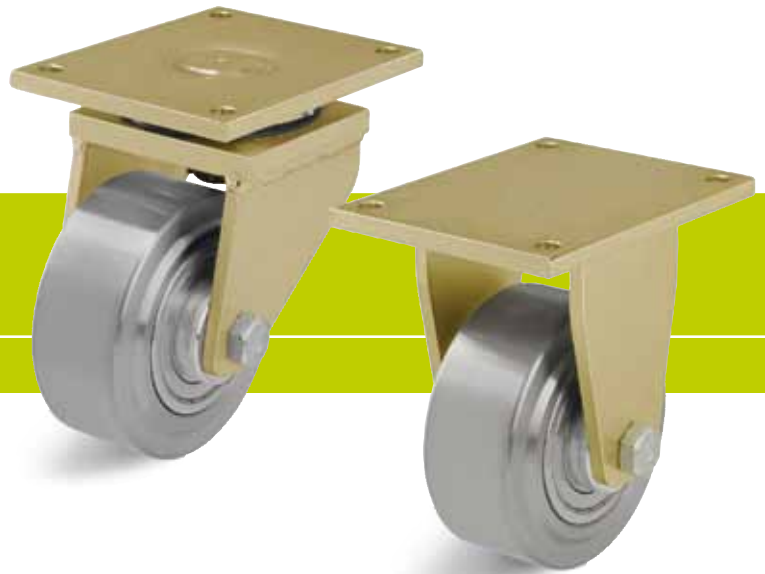


	Directional lock (retro-fit) 1 x 360°	Directional lock (retro-fit) 1 x 360°	Directional lock (retro fit) 1 x 360°	With steel foot guard	Truck lock
Technical description page	83	83	83	84	82, 483
Product code suffix	<b>RI-04.01</b>	<b>RI-04.03</b>	<b>RI-05.03</b>	<b>-FS</b>	<b>FF 125</b>
Available for	wheel Ø 80-100 mm with plate 100x85	wheel Ø 100 mm with plate 140x110	wheel Ø 125 mm	wheel Ø 125 mm upon request	wheel Ø 125 mm

Series: LS-SVS, BS-SVS

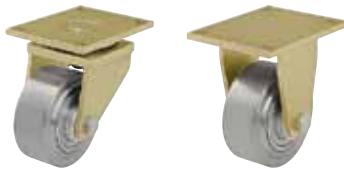
**Welded steel extra heavy duty castors, extra strong swivel head design, with extra heavy duty solid steel wheel**

1700 - 12000 kg RoHS



**Brackets:** LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle.  
 Wheel Ø 100-200 mm: Zinc-plated, yellow-passivated, Cr6-free.  
 Wheel Ø 250-300 mm: Lacquered, red.  
 Bracket overview: Page 68  
 Top plate drawings: Page 77 and 78

**Wheels:** SVS series - Made of mild steel, with slightly crowned tread.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 330 and 50



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LS-SVS 100K	BS-SVS 100K	100	40	1700	Ball bearing	145	140 x 110	105 x 75-80	11	50
LS-SVS 127K	BS-SVS 127K	125	55	1750	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-SVS 150K-35	BS-SVS 150K-35	150	55	3000	Ball bearing	205	175 x 140	140 x 105	14	65
LS-SVS 201K	BS-SVS 201K	200	55	3000	Ball bearing	255	175 x 140	140 x 105	14	65
LS-SVS 200K	BS-SVS 200K	200	80	6000	Ball bearing	280	255 x 200	210 x 160	18	75
LS-SVS 250K	BS-SVS 250K	250	65	10000	Ball bearing	380	400 x 300	340 x 240	26	110
LS-SVS 300K	BS-SVS 300K	300	90	12000	Ball bearing	430	400 x 300	340 x 240	26	110

**Options**



	Image with red lacquered bracket Ø 250-300 mm	With directional lock 2 x 180°	With directional lock 4 x 90°	With directional lock 4 x 90° (hand-operated)	With steel foot guard
Technical description page		83	83	83	84
Product code suffix		-RI2	-RI4	-RI4H	-FS
Available for		wheel Ø 100 - 200x55 mm	wheel Ø 100 - 200x55 mm	upon request	upon request











## Flanged wheels and castors



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## Table of Contents

	<p><b>SPK</b></p> <p>Series SPK Wheel Ø 50 - 250 mm Load capacity 400 - 3500 kg</p> <p><b>Page 336</b></p>	<p><b>BS</b></p>  <p>BS-SPK 100 - 250 mm 800 - 3500 kg</p> <p><b>337</b></p>
	<p><b>SPKGSP0</b></p> <p>Series SPKGSP0 Wheel Ø 50 - 250 mm Load capacity 220 - 3000 kg</p> <p><b>Page 338</b></p>	
	<p><b>SPKVS</b></p> <p>Series SPKVS Wheel Ø 50 - 400 mm Load capacity 500 - 9000 kg</p> <p><b>Page 339</b></p>	
	<p><b>DSPKGSP0</b></p> <p>Series DSPKGSP0 Wheel Ø 50 - 200 mm Load capacity 50 - 700 kg</p> <p><b>Page 340</b></p>	
	<p><b>DSPK</b></p> <p>Series DSPK Wheel Ø 50 - 200 mm Load capacity 120 - 1200 kg</p> <p><b>Page 341</b></p>	

Series: SPK

## Cast iron flanged wheels

400 - 3500 kg

RoHS



<b>Tread &amp; tyre hardness</b>	180 - 220 HB
<b>Temperature resistance</b>	-100° C - +600° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	sufficient
<b>Floor surface preservation</b>	sufficient

### SPK-wheel series:

Made of rugged grey cast iron, wheel Ø 125 mm or larger (without flange dimension) with grease nipple, machined flange and tread, with horizontal taper of 3°, exceptionally low rolling resistance, outstanding wear resistance, lacquered, colour silver.

(Material description page 40)

### Bearing types:

- Plain bore
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

For chemical resistance refer to material description page 40.

### Operating temperature:

- Plain bore version: -100° C to +600° C, load capacity reduction of 50 % at +600° C.
- Ball bearing version: -25° C to +120° C.
- Heat-resistant ball bearing version (refer to 'Options'): -30° C to +300° C, load capacity reduction of 50 % at +300° C.

For plain bore versions, a temperature specific grease must be regularly applied.

The load capacities indicated in the table refer to the following rail profiles in acc. to DIN 536 (crane rail standard):

SPK 50G to SPK 200K, SPK 250G, SPK 250K: A45  
SPK 201K, SPK 251K: A55

Wheel series overview page 50

Flanged wheels	Wheel Ø w/o flange (D) [mm]	Wheel Ø incl. flange (D1) [mm]	Wheel width (T2) [mm]	Tread width (T3) [mm]	Flange length (T4) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPK 50G	50	62	32	26	6	400	Plain bore	15	32
SPK 75G	75	100	40	30	13.5	700	Plain bore	20	47
SPK 75K	75	100	40	30	13.5	700	Ball bearing	20	47
SPK 100G	100	125	46	36	13	800	Plain bore	20	52
SPK 100K	100	125	46	36	13	800	Ball bearing	20	52
SPK 125G	125	145	46	36	13	900	Plain bore	20	52
SPK 125K	125	145	46	36	13	900	Ball bearing	20	52
SPK 150G	150	175	46	36	13	1000	Plain bore	20	52
SPK 150K	150	175	46	36	13	1000	Ball bearing	20	52
SPK 180G	180	210	46	36	13	1200	Plain bore	30	52
SPK 180K	180	210	46	36	13	1200	Ball bearing	20	52
SPK 200G	200	230	53	38	20	1500	Plain bore	30	60
SPK 200K	200	230	53	38	20	1500	Ball bearing	25	60
SPK 201K	200	230	80	60	25	3000	Ball bearing	40	90
SPK 250G	250	300	65	50	17.5	2500	Plain bore	40	70
SPK 250K	250	300	65	50	17.5	2500	Ball bearing	30	70
SPK 251K	250	300	80	60	25	3500	Ball bearing	40	90

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### Options



With heat-resistant ball bearing (oven bearing)

Technical description page

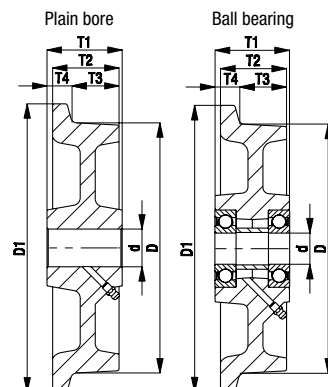
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Product code suffix

-IK

Available for

ball bearing versions upon request



Series: BS-SPK

## Welded steel heavy duty castors, with cast iron flanged wheel

800 - 3500 kg

RoHS



**Brackets:** BS series - Particularly rugged welded steel construction, with reinforced fork for an improved absorption of axial forces.  
Bolted wheel axle.  
Zinc-plated, yellow-passivated, Cr6-free.  
Bracket overview: Page 68  
Top plate drawings: Page 77 and 78

**Wheels:** SPK series - Made of grey cast iron, wheel Ø 125 mm or larger (without flange dimension) with grease nipple, lacquered, silver.  
Bearing type: Two pressed-in ball bearings.  
Detailed description: Page 336 and 50



Fixed castors	Wheel Ø without flange (D) [mm]	Tread width without flange (T3) [mm]	Flange length (B4) [mm]	Load capacity [kg]	Bearing type	Total height (H) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
BS-SPK 100K	100	36	13	800	Ball bearing	157	140 x 110	105 x 75-80	11
BS-SPK 125K	125	36	13	900	Ball bearing	170	140 x 110	105 x 75-80	11
BS-SPK 150K	150	36	13	1000	Ball bearing	200	140 x 110	105 x 75-80	11
BS-SPK 200K	200	38	10	1500	Ball bearing	245	140 x 110	105 x 75-80	11
BS-SPK 201K	200	60	20	3000	Ball bearing	245	175 x 140	140 x 105	14
BS-SPK 250K	250	50	17.5	2500	Ball bearing	305	175 x 140	140 x 105	14
BS-SPK 251K	250	60	20	3500	Ball bearing	305	200 x 160	160 x 120	14

### Options



With heat-resistant ball bearing (oven bearing) \*

Technical description page

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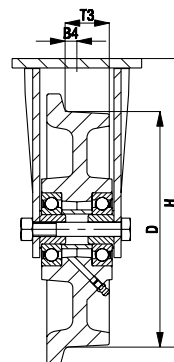
Product code suffix

-IK

Available for

upon request

\* For load capacity refer to page 336



Series: SPKGSP0

## Cast nylon flanged wheels

220 - 3000 kg

RoHS



<b>Tread &amp; tyre hardness</b>	80° shore D
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	reasonable
<b>Floor surface preservation</b>	reasonable

### SPKGSP0-wheel series:

Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D hardness, with horizontal taper of 3°, very low rolling resistance, high abrasion resistance, colour natural beige.

(Material description page 40)

### Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +80° C.

At ambient temperatures above +35° C the load capacity is reduced.

The load capacities indicated in the table refer to the following rail profiles in acc. to DIN 536 (crane rail standard):

SPKGSP0 50G to SPKGSP0 200K,

SPKGSP0 250K: A45

SPKGSP0 201K, SPKGSP0 251K: A55

Maintenance-free under standard conditions.

**Wheel series overview page 51**

Flanged wheels	Wheel Ø w/o flange (D) [mm]	Wheel Ø incl. flange (D1) [mm]	Wheel width (T2) [mm]	Tread width (T3) [mm]	Flange length (T4) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
<b>SPKGSP0 50G</b>	50	62	32	26	6	220	Plain bore	15	32
<b>SPKGSP0 50K</b>	50	62	32	26	6	220	Ball bearing	15	32
<b>SPKGSP0 75G</b>	75	100	40	30	13.5	380	Plain bore	20	47
<b>SPKGSP0 75K</b>	75	100	40	30	13.5	380	Ball bearing	20	47
<b>SPKGSP0 100K</b>	100	125	46	36	13	600	Ball bearing	20	52
<b>SPKGSP0 125K</b>	125	145	46	36	13	750	Ball bearing	20	52
<b>SPKGSP0 150K</b>	150	175	46	36	13	900	Ball bearing	20	52
<b>SPKGSP0 200K</b>	200	230	53	38	20	1300	Ball bearing	25	60
<b>SPKGSP0 201K</b>	200	230	80	60	25	2500	Ball bearing	40	90
<b>SPKGSP0 250K</b>	250	300	65	50	17.5	2100	Ball bearing	30	70
<b>SPKGSP0 251K</b>	250	300	80	60	25	3000	Ball bearing	40	90

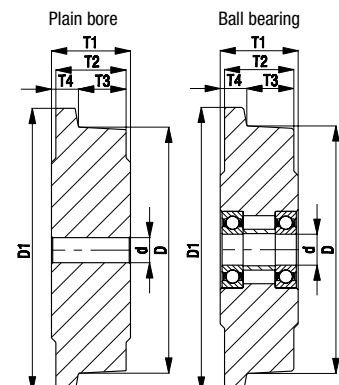
Further dimensions upon request

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### Options



	With stainless steel ball bearing *	Drive wheel with hub keyway	With fixed bracket	Further versions
Technical description page	61			
<b>Product code suffix</b>	<b>-XK</b>	<b>SPKGSPON series</b>		
Available for	upon request	upon request	upon request	upon request



\* Some dimensions will result in a reduced load capacity (ask for details)



Series: SPKVS

## Solid steel flanged wheels

500 - 9000 kg

RoHS



<b>Tread &amp; tyre hardness</b>	190 - 230 HB
<b>Temperature resistance</b>	-25° C - +120° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	sufficient
<b>Floor surface preservation</b>	sufficient

### SPKVS-wheel series:

Made of mild steel, with lightly oiled surface, with horizontal taper of 3°, exceptionally low rolling resistance, outstanding wear resistance, extremely high static and dynamic load capacity. (Material description page 40)

### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

For chemical resistance refer to material description page 40.

### Operating temperature:

- Ball bearing version: -25° C to +120° C.
- Heat-resistant ball bearing version (refer to 'Options'): -30° C to +300° C, load capacity reduction of 50 % at +300° C.

The load capacities indicated in the table refer to the following rail profiles in acc. to DIN 536 (crane rail standard):

SPKVS 50K to SPKVS 200K: A45

SPKVS 250K: A55

SPKVS 300K to SPKVS 400K: A65.

Maintenance-free under standard conditions.

**Wheel series overview page 51**

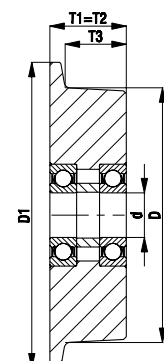
Flanged wheels	Wheel Ø w/o flange (D) [mm]	Wheel Ø incl. flange (D1) [mm]	Wheel width (T2) [mm]	Tread width (T3) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
<b>SPKVS 50K</b>	50	62	40	30	500	Ball bearing	15	40
<b>SPKVS 75K</b>	75	100	40	30	800	Ball bearing	20	40
<b>SPKVS 100K</b>	100	125	50	40	1200	Ball bearing	25	50
<b>SPKVS 125K</b>	125	150	50	40	1500	Ball bearing	25	50
<b>SPKVS 150K</b>	150	180	60	48	2000	Ball bearing	30	60
<b>SPKVS 200K</b>	200	240	60	48	2500	Ball bearing	35	60
<b>SPKVS 250K</b>	250	290	75	60	4000	Ball bearing	45	75
<b>SPKVS 300K</b>	300	345	90	72	7000	Ball bearing	60	90
<b>SPKVS 400K</b>	400	445	90	72	9000	Ball bearing	80	90

Further dimensions upon request

### Options



	With heat-resistant ball bearing (oven bearing)	With spherical roller bearing	Drive wheels with hub keyway	With fixed bracket	Further versions
Technical description page	61	61			
<b>Product code suffix</b>	<b>-IK</b>	<b>-PR</b>	<b>SPKVSN series</b>		
Available for	upon request	upon request	refer to page 466	upon request	upon request



Series: DSPKGSPO

## Cast nylon double flanged wheels

50 - 700 kg

RoHS



<b>Tread &amp; tyre hardness</b>	80° shore D
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	reasonable
<b>Floor surface preservation</b>	reasonable

### DSPKGSPO-wheel series:

Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D hardness, V-shaped tread (for angular steel), very low rolling resistance, high abrasion resistance, colour natural beige.

(Material description page 40)

#### Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

#### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +80° C.

At ambient temperatures above +35° C the load capacity is reduced.

The relatively high floor pressure should be considered for pressure-sensitive floors.

Maintenance-free under standard conditions.

**Wheel series overview page 51**

### Double flanged wheels

	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Recess width (B) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
<b>DSPKGSPO 50G</b>	50	18	12	50	Plain bore	10	18
<b>DSPKGSPO 50K</b>	50	18	12	50	Ball bearing	10	18
<b>DSPKGSPO 75G</b>	75	22	16	75	Plain bore	12	22
<b>DSPKGSPO 75K</b>	75	22	16	75	Ball bearing	12	22
<b>DSPKGSPO 100K</b>	100	24	18	150	Ball bearing	15	24
<b>DSPKGSPO 101K *</b>	100	40	20	400	Ball bearing	15	40
<b>DSPKGSPO 120K</b>	120	33	25	200	Ball bearing	20	33
<b>DSPKGSPO 125K *</b>	125	50	25	700	Ball bearing	20	50
<b>DSPKGSPO 150K</b>	150	33	25	400	Ball bearing	20	33
<b>DSPKGSPO 200K</b>	200	33	25	500	Ball bearing	20	33

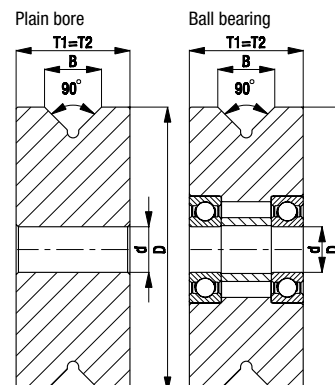
\* Wheels with wide tread which can also run on the floor

**Further dimensions upon request**

### Options



	With stainless steel ball bearing	With fixed bracket	Further versions
Technical description page	61		
<b>Product code suffix</b>	<b>-XK</b>		
Available for	upon request	upon request	upon request



Series: DSPK

## Solid steel double flanged wheels

120 - 1200 kg

RoHS



<b>Tread &amp; tyre hardness</b>	190 - 230 HB
<b>Temperature resistance</b>	-25° C - +120° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	sufficient
<b>Floor surface preservation</b>	sufficient

### DSPK-wheel series:

Made of mild steel, with lightly oiled surface, V-shaped tread (for angular steel), exceptionally low rolling resistance, outstanding wear resistance, extremely high static and dynamic load capacity. (Material description page 40)

### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

For chemical resistance refer to material description page 40.

Operating temperature: -25° C to +120° C.

The relatively high floor pressure should be considered for pressure-sensitive floors.

Maintenance-free under standard conditions.

**Wheel series overview page 51**

### Double flanged wheels

	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Recess width (B) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
<b>DSPK 50K</b>	50	18	12	120	Ball bearing	10	18
<b>DSPK 75K</b>	75	22	16	250	Ball bearing	12	22
<b>DSPK 100K</b>	100	24	18	300	Ball bearing	15	24
<b>DSPK 101K *</b>	100	40	20	600	Ball bearing	15	40
<b>DSPK 120K</b>	120	33	25	600	Ball bearing	20	33
<b>DSPK 125K *</b>	125	50	25	1200	Ball bearing	20	50
<b>DSPK 150K</b>	150	33	25	800	Ball bearing	20	33
<b>DSPK 200K</b>	200	33	25	1000	Ball bearing	20	33

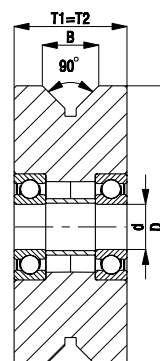
\* Wheels with wide tread which can also run on the floor

**Further dimensions upon request**

### Options



	With fixed bracket	Further versions
Technical description page		
<b>Product code suffix</b>		
Available for	upon request	upon request



## Stainless steel castors



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# Table of Contents

		LRXA	LKRXA	LPXA	LKPXA	LEX	LEXR	LEXZ	LX	LKX
	<b>TPA</b> Series TPA Wheel Ø 50 - 200 mm Load capacity 50 - 250 kg Page 88, 145									
		LRXA-TPA 50 - 75 mm 50 - 75 kg	LKRXA-TPA 80 - 125 mm 100 - 120 kg	LPXA-TPA 50 - 75 mm 50 - 75 kg	LKPXA-TPA 80 - 125 mm 100 - 120 kg	LEX-TPA 80 - 200 mm 100 - 250 kg	LEXR-TPA 80 - 200 mm 100 - 250 kg			
		344	344	345	345	353	354			
	<b>VPA</b> Series VPA Wheel Ø 49 - 150 mm Load capacity 40 - 130 kg Page 93									
		LRXA-VPA 50 - 75 mm 40 - 75 kg	LKRXA-VPA 80 - 125 mm 80 - 120 kg	LPXA-VPA 50 - 75 mm 40 - 75 kg	LKPXA-VPA 80 - 125 mm 80 - 120 kg					
		346	346	347	347					
	<b>PATH</b> Series PATH Wheel Ø 50 - 200 mm Load capacity 75 - 500 kg Page 99, 208									
		LRXA-PATH 50 - 75 mm 75 kg	LKRXA-PATH 80 - 125 mm 120 kg	LPXA-PATH 50 - 75 mm 75 kg	LKPXA-PATH 80 - 125 mm 120 kg	LEX-PATH 80 - 200 mm 150 - 300 kg	LEXR-PATH 80 - 200 mm 150 - 300 kg			
		348	348	349	349	362	363			
	<b>PO</b> Series PO Wheel Ø 50 - 300 mm Load capacity 75 - 1500 kg Page 276/277									
		LRXA-PO 50 - 75 mm 75 kg	LKRXA-PO 80 - 125 mm 120 kg	LPXA-PO 50 - 75 mm 75 kg	LKPXA-PO 80 - 125 mm 120 kg	LEX-PO 75 - 200 mm 150 - 300 kg	LEXR-PO 75 - 200 mm 150 - 300 kg	LEXZ-PO 75 - 200 mm 150 - 270 kg	LX-PO 100 - 200 mm 250 - 400 kg	
		350	350	351	351	369	370	371	372	
	<b>VPP</b> Series VPP Wheel Ø 80 - 400 mm Load capacity 50 - 350 kg Page 139/140									
						LEX-VPP 80 - 200 mm 50 - 205 kg	LEXR-VPP 80 - 200 mm 50 - 205 kg	LEXZ-VPP 80 - 200 mm 50 - 205 kg		
						355	356	357		
	<b>POEV</b> Series POEV Wheel Ø 80 - 300 mm Load capacity 140 - 650 kg Page 164									
						LEX-POEV 80 - 200 mm 140 - 300 kg	LEXR-POEV 80 - 200 mm 140 - 300 kg	LX-POEV 100 - 200 mm 200 - 400 kg	LKX-POEV 80 - 200 mm 170 - 500 kg	
						358	359	360	361	
	<b>POTH</b> Series POTH Wheel Ø 75 - 250 mm Load capacity 200 - 1000 kg Page 213									
						LEX-POTH 100 - 200 mm 150 - 300 kg	LEXR-POTH 100 - 200 mm 150 - 300 kg	LEXZ-POTH 100 - 200 mm 150 - 270 kg	LX-POTH 100 - 200 mm 250 - 400 kg	LKX-POTH 75 - 200 mm 200 - 800 kg
						364	365	366	367	368
	<b>POW</b> Series POW Wheel Ø 100 - 125 mm Load capacity 200 - 220 kg Page 288									
						LEX-POW 100 - 125 mm 150 kg	LEXR-POW 100 - 125 mm 150 kg			
						373	374			
	<b>SPO</b> Series SPO Wheel Ø 75 - 250 mm Load capacity 300 - 2000 kg Page 300/301									
									LKX-SPO 80 - 200 mm 350 - 800 kg	
									375	

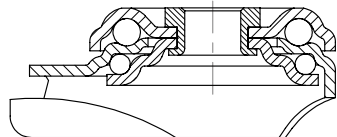


Series: LRXA-TPA, BRXA-TPA, LKRXA-TPA, BKRXA-TPA

## Stainless steel light duty castors with bolt hole fitting, wheel with thermoplastic rubber tread

50 - 120 kg

RoHS



**Brackets:** LRXA/BRXA, LKRXA/BKRXA series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant.

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking. Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey (black for electrically conductive '-ELS' version).

Bearing types: Plain bore or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with synthetic thread guard and additional ball bearing seals as standard.

Detailed description: Page 88 and 42

Bolted wheel axle. Vibration-ground finished.

Bracket overview: Page 69

Wheel and swivel head 'stop-fix' brake: Page 80



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRXA-TPA 50G	BRXA-TPA 50G	LRXA-TPA 50G-FI	50	19	50	Plain bore	69	43	11	25
LRXA-TPA 50KD-FK	BRXA-TPA 50KD-FK	LRXA-TPA 50KD-FI-FK	50	19	50	Ball bearing (C)	69	43	11	25
LRXA-TPA 75G	BRXA-TPA 75G	LRXA-TPA 75G-FI	75	25	75	Plain bore	98	43	11	29
LRXA-TPA 75KD-FK	BRXA-TPA 75KD-FK	LRXA-TPA 75KD-FI-FK	75	25	75	Ball bearing (C)	98	43	11	29
LKRXA-TPA 80G	BKRXA-TPA 80G	LKRXA-TPA 80G-FI	80	32	100	Plain bore	108	57	13	40
LKRXA-TPA 80G-11		LKRXA-TPA 80G-11-FI	80	32	100	Plain bore	108	57	11	40
LKRXA-TPA 80KD-FK	BKRXA-TPA 80KD-FK	LKRXA-TPA 80KD-FI-FK	80	32	100	Ball bearing (C)	108	57	13	40
LKRXA-TPA 80KD-11-FK		LKRXA-TPA 80KD-11-FI-FK	80	32	100	Ball bearing (C)	108	57	11	40
LKRXA-TPA 101G	BKRXA-TPA 101G	LKRXA-TPA 101G-FI	100	32	110	Plain bore	133	57	13	40
LKRXA-TPA 101G-11		LKRXA-TPA 101G-11-FI	100	32	110	Plain bore	133	57	11	40
LKRXA-TPA 101KD-FK	BKRXA-TPA 101KD-FK	LKRXA-TPA 101KD-FI-FK	100	32	110	Ball bearing (C)	133	57	13	40
LKRXA-TPA 101KD-11-FK		LKRXA-TPA 101KD-11-FI-FK	100	32	110	Ball bearing (C)	133	57	11	40
LKRXA-TPA 126G	BKRXA-TPA 126G	LKRXA-TPA 126G-FI	125	32	120	Plain bore	158	57	13	40
LKRXA-TPA 126G-11		LKRXA-TPA 126G-11-FI	125	32	120	Plain bore	158	57	11	40
LKRXA-TPA 126KD-FK	BKRXA-TPA 126KD-FK	LKRXA-TPA 126KD-FI-FK	125	32	120	Ball bearing (C)	158	57	13	40
LKRXA-TPA 126KD-11-FK		LKRXA-TPA 126KD-11-FI-FK	125	32	120	Ball bearing (C)	158	57	11	40

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### Options



	Image plain bore version	Electrically conductive version, non-marking grey *	With synthetic expander fitting, corrosion-resistant	With stainless steel plug-in stem **	Bumpers
Technical description page		36, 38	75	74	84
Product code suffix		-ELS	refer to page 352	refer to page 352	AG / ARG series
Available for		all sizes	swivel castors bolt hole Ø11 (except ELS)	swivel castors with wheel Ø 125 mm	refer to page 352

\* Load capacity is reduced by 35 %

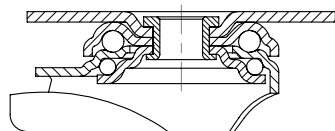
\*\* In acc. to DIN 18867-8 (large-scale catering equipment)

Series: LPXA-TPA, BPXA-TPA, LKPXA-TPA, BKPXA-TPA

## Stainless steel light duty castors with top plate fitting, wheel with thermoplastic rubber tread

50 - 120 kg

RoHS



**Brackets:** LPXA/BPXA, LKPXA/BKPXA series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant. Bolted wheel axle. Vibration-ground finished.

Bracket overview: Page 70

Top plate drawings: Page 76

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.

Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey (black for electrically conductive '-ELS' version).

Bearing types: Plain bore or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with synthetic thread guard and additional ball bearing seals as standard.

Detailed description: Page 88 and 42

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPXA-TPA 50G	BPXA-TPA 50G	LPXA-TPA 50G-FI	50	19	50	Plain bore	71	60 x 60	38x38/48x48	6.2	25
LPXA-TPA 50KD-FK	BPXA-TPA 50KD-FK	LPXA-TPA 50KD-FI-FK	50	19	50	Ball bearing (C)	71	60 x 60	38x38/48x48	6.2	25
LPXA-TPA 75G	BPXA-TPA 75G	LPXA-TPA 75G-FI	75	25	75	Plain bore	100	60 x 60	38x38/48x48	6.2	29
LPXA-TPA 75KD-FK	BPXA-TPA 75KD-FK	LPXA-TPA 75KD-FI-FK	75	25	75	Ball bearing (C)	100	60 x 60	38x38/48x48	6.2	29
LKPXA-TPA 80G	BKPXA-TPA 80G	LKPXA-TPA 80G-FI	80	32	100	Plain bore	111	90 x 66	75x45/61x51	8.5	40
LKPXA-TPA 80KD-FK	BKPXA-TPA 80KD-FK	LKPXA-TPA 80KD-FI-FK	80	32	100	Ball bearing (C)	111	90 x 66	75x45/61x51	8.5	40
LKPXA-TPA 101G	BKPXA-TPA 101G	LKPXA-TPA 101G-FI	100	32	110	Plain bore	136	90 x 66	75x45/61x51	8.5	40
LKPXA-TPA 101KD-FK	BKPXA-TPA 101KD-FK	LKPXA-TPA 101KD-FI-FK	100	32	110	Ball bearing (C)	136	90 x 66	75x45/61x51	8.5	40
LKPXA-TPA 126G	BKPXA-TPA 126G	LKPXA-TPA 126G-FI	125	32	120	Plain bore	161	90 x 66	75x45/61x51	8.5	40
LKPXA-TPA 126G-26	BKPXA-TPA 126G-26	LKPXA-TPA 126G-26-FI	125	32	120	Plain bore	161	90 x 66	75 x 50 *	8.5	40
LKPXA-TPA 126KD-FK	BKPXA-TPA 126KD-FK	LKPXA-TPA 126KD-FI-FK	125	32	120	Ball bearing (C)	161	90 x 66	75x45/61x51	8.5	40
LKPXA-TPA 126KD-26-FK	BKPXA-TPA 126KD-26-FK	LKPXA-TPA 126KD-26-FI-FK	125	32	120	Ball bearing (C)	161	90 x 66	75 x 50 *	8.5	40

\* In acc. to DIN 18867-8 (large-scale catering equipment)

### Options



	Image plain bore version	Electrically conductive version, non-marking grey **
Technical description page		36, 38
Product code suffix		-ELS
Available for		all sizes

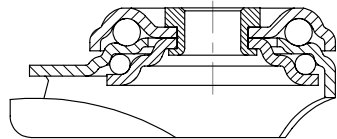
\*\* Load capacity is reduced by 35 %

Series: LRXA-VPA, BRXA-VPA, LKRXA-VPA, BKRXA-VPA

## Stainless steel light duty castors with bolt hole fitting, wheel with solid rubber tyre

40 - 120 kg

✓RoHS



**Brackets:** LRXA/BRXA, LKRXA/BKRXA series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant.

Bolted wheel axle.  
Vibration-ground finished.  
Bracket overview: Page 69  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPA series - Tyres: Made of high-quality solid rubber, 80° shore A, grey, non-marking, non-staining. Rims: Made of high-quality, impact-resistant nylon, black. Bearing type: Plain bore. Detailed description: Page 93 and 42

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRXA-VPA 50G	BRXA-VPA 50G	LRXA-VPA 50G-FI	50	18	40	Plain bore	69	43	11	25
LRXA-VPA 75G	BRXA-VPA 75G	LRXA-VPA 75G-FI	75	25	60	Plain bore	98	43	11	29
LKRXA-VPA 80G	BKRXA-VPA 80G	LKRXA-VPA 80G-FI	80	25	80	Plain bore	108	57	13	40
LKRXA-VPA 80G-11		LKRXA-VPA 80G-11-FI	80	25	80	Plain bore	108	57	11	40
LKRXA-VPA 101G	BKRXA-VPA 101G	LKRXA-VPA 101G-FI	100	32	110	Plain bore	133	57	13	40
LKRXA-VPA 101G-11		LKRXA-VPA 101G-11-FI	100	32	110	Plain bore	133	57	11	40
LKRXA-VPA 125G	BKRXA-VPA 125G	LKRXA-VPA 125G-FI	125	25	100	Plain bore	158	57	13	40
LKRXA-VPA 125G-11		LKRXA-VPA 125G-11-FI	125	25	100	Plain bore	158	57	11	40
LKRXA-VPA 126G	BKRXA-VPA 126G	LKRXA-VPA 126G-FI	125	32	120	Plain bore	158	57	13	40
LKRXA-VPA 126G-11		LKRXA-VPA 126G-11-FI	125	32	120	Plain bore	158	57	11	40

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### Options



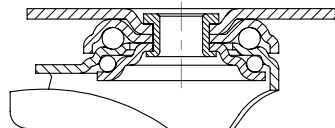
	With synthetic expander fitting, corrosion-resistant	Bumpers
Technical description page	75	84
Product code suffix	refer to page 352	AG / ARG series
Available for	swivel castors with bolt hole Ø 11 mm	refer to page 352

Series: LPXA-VPA, BPXA-VPA, LKPXA-VPA, BKPXA-VPA

**Stainless steel light duty castors with top plate fitting, wheel with solid rubber tyre**

40 - 120 kg

RoHS



**Brackets:** LPXA/BPXA, LKPXA/BKPXA series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant. Bolted wheel axle. Vibration-ground finished.  
Bracket overview: Page 70  
Top plate drawings: Page 76  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPA series - Tyres: Made of high-quality solid rubber, 80° shore A, grey, non-marking, non-staining. Rims: Made of high-quality, impact-resistant nylon, black. Bearing type: Plain bore. Detailed description: Page 93 and 42

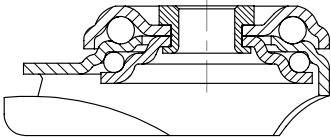
Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPXA-VPA 50G	BPXA-VPA 50G	LPXA-VPA 50G-FI	50	18	40	Plain bore	71	60 x 60	38x38/48x48	6.2	25
LPXA-VPA 75G	BPXA-VPA 75G	LPXA-VPA 75G-FI	75	25	60	Plain bore	100	60 x 60	38x38/48x48	6.2	29
LKPXA-VPA 80G	BKPXA-VPA 80G	LKPXA-VPA 80G-FI	80	25	80	Plain bore	111	90 x 66	75x45/61x51	8.5	40
LKPXA-VPA 101G	BKPXA-VPA 101G	LKPXA-VPA 101G-FI	100	32	110	Plain bore	136	90 x 66	75x45/61x51	8.5	40
LKPXA-VPA 125G	BKPXA-VPA 125G	LKPXA-VPA 125G-FI	125	25	100	Plain bore	161	90 x 66	75x45/61x51	8.5	40
LKPXA-VPA 126G	BKPXA-VPA 126G	LKPXA-VPA 126G-FI	125	32	120	Plain bore	161	90 x 66	75x45/61x51	8.5	40

Series: LRXA-PATH, BRXA-PATH, LKRXA-PATH, BKRXA-PATH

## Stainless steel light duty castors with bolt hole fitting, wheel with thermoplastic polyurethane tread

75 - 120 kg

RoHS



**Brackets:** LRXA/BRXA, LKRXA/BKRXA series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant.

Bolted wheel axle. Vibration-ground finished.  
Bracket overview: Page 69

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PATH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.

Wheel centre: Made of high-quality, impact-resistant nylon, silver grey.

Bearing types: Plain bore or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with synthetic thread guard and additional ball bearing seals as standard.

Detailed description: Page 99 and 42

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRXA-PATH 50G	BRXA-PATH 50G	LRXA-PATH 50G-FI	50	19	75	Plain bore	69	43	11	25
LRXA-PATH 50KD-FK	BRXA-PATH 50KD-FK	LRXA-PATH 50KD-FI-FK	50	19	75	Ball bearing (C)	69	43	11	25
LRXA-PATH 75G	BRXA-PATH 75G	LRXA-PATH 75G-FI	75	25	75	Plain bore	98	43	11	29
LRXA-PATH 75KD-FK	BRXA-PATH 75KD-FK	LRXA-PATH 75KD-FI-FK	75	25	75	Ball bearing (C)	98	43	11	29
LKRXA-PATH 80G	BKRXA-PATH 80G	LKRXA-PATH 80G-FI	80	32	120	Plain bore	108	57	13	40
LKRXA-PATH 80G-11		LKRXA-PATH 80G-11-FI	80	32	120	Plain bore	108	57	11	40
LKRXA-PATH 80KD-FK	BKRXA-PATH 80KD-FK	LKRXA-PATH 80KD-FI-FK	80	32	120	Ball bearing (C)	108	57	13	40
LKRXA-PATH 80KD-11-FK		LKRXA-PATH 80KD-11-FI-FK	80	32	120	Ball bearing (C)	108	57	11	40
LKRXA-PATH 101G	BKRXA-PATH 101G	LKRXA-PATH 101G-FI	100	32	120	Plain bore	133	57	13	40
LKRXA-PATH 101G-11		LKRXA-PATH 101G-11-FI	100	32	120	Plain bore	133	57	11	40
LKRXA-PATH 101KD-FK	BKRXA-PATH 101KD-FK	LKRXA-PATH 101KD-FI-FK	100	32	120	Ball bearing (C)	133	57	13	40
LKRXA-PATH 101KD-11-FK		LKRXA-PATH 101KD-11-FI-FK	100	32	120	Ball bearing (C)	133	57	11	40
LKRXA-PATH 126G	BKRXA-PATH 126G	LKRXA-PATH 126G-FI	125	32	120	Plain bore	158	57	13	40
LKRXA-PATH 126G-11		LKRXA-PATH 126G-11-FI	125	32	120	Plain bore	158	57	11	40
LKRXA-PATH 126KD-FK	BKRXA-PATH 126KD-FK	LKRXA-PATH 126KD-FI-FK	125	32	120	Ball bearing (C)	158	57	13	40
LKRXA-PATH 126KD-11-FK		LKRXA-PATH 126KD-11-FI-FK	125	32	120	Ball bearing (C)	158	57	11	40

18



Options	Image plain bore version	Electrically conductive version, non-marking grey *	With synthetic expander fitting, corrosion-resistant	With stainless steel plug-in stem **	Bumpers
Technical description page		36, 39	75	74	84
Product code suffix		-ELS	refer to page 352	refer to page 352	AG / ARG series
Available for		all ball bearing versions	swivel castors bolt hole Ø11 (except ELS)	swivel castors with wheel Ø 125 mm	refer to page 352

\* Load capacity is reduced by 35 %  
\*\* In acc. to DIN 18867-8 (large-scale catering equipment)

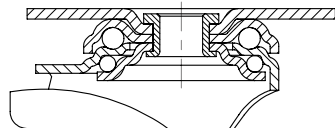


Series: LPXA-PATH, BPXA-PATH, LKPXA-PATH, BKPXA-PATH

## Stainless steel light duty castors with top plate fitting, wheel with thermoplastic polyurethane tread

75 - 120 kg

RoHS



**Brackets:** LPXA/BPXA, LKPXA/BKPXA series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 70  
Top plate drawings: Page 76  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PATH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.  
Wheel centre: Made of high-quality, impact-resistant nylon, silver grey.  
Bearing types: Plain bore or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with synthetic thread guard and additional ball bearing seals as standard.  
Detailed description: Page 99 and 42



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPXA-PATH 50G	BPXA-PATH 50G	LPXA-PATH 50G-FI	50	19	75	Plain bore	71	60 x 60	38x38/48x48	6.2	25
LPXA-PATH 50KD-FK	BPXA-PATH 50KD-FK	LPXA-PATH 50KD-FI-FK	50	19	75	Ball bearing (C)	71	60 x 60	38x38/48x48	6.2	25
LPXA-PATH 75G	BPXA-PATH 75G	LPXA-PATH 75G-FI	75	25	75	Plain bore	100	60 x 60	38x38/48x48	6.2	29
LPXA-PATH 75KD-FK	BPXA-PATH 75KD-FK	LPXA-PATH 75KD-FI-FK	75	25	75	Ball bearing (C)	100	60 x 60	38x38/48x48	6.2	29
LKPXA-PATH 80G	BKPXA-PATH 80G	LKPXA-PATH 80G-FI	80	32	120	Plain bore	111	90 x 66	75x45/61x51	8.5	40
LKPXA-PATH 80KD-FK	BKPXA-PATH 80KD-FK	LKPXA-PATH 80KD-FI-FK	80	32	120	Ball bearing (C)	111	90 x 66	75x45/61x51	8.5	40
LKPXA-PATH 101G	BKPXA-PATH 101G	LKPXA-PATH 101G-FI	100	32	120	Plain bore	136	90 x 66	75x45/61x51	8.5	40
LKPXA-PATH 101KD-FK	BKPXA-PATH 101KD-FK	LKPXA-PATH 101KD-FI-FK	100	32	120	Ball bearing (C)	136	90 x 66	75x45/61x51	8.5	40
LKPXA-PATH 126G	BKPXA-PATH 126G	LKPXA-PATH 126G-FI	125	32	120	Plain bore	161	90 x 66	75x45/61x51	8.5	40
LKPXA-PATH 126G-26	BKPXA-PATH 126G-26	LKPXA-PATH 126G-26-FI	125	32	120	Plain bore	161	90 x 66	75 x 50 *	8.5	40
LKPXA-PATH 126KD-FK	BKPXA-PATH 126KD-FK	LKPXA-PATH 126KD-FI-FK	125	32	120	Ball bearing (C)	161	90 x 66	75x45/61x51	8.5	40
LKPXA-PATH 126KD-26-FK	BKPXA-PATH 126KD-26-FK	LKPXA-PATH 126KD-26-FI-FK	125	32	120	Ball bearing (C)	161	90 x 66	75 x 50 *	8.5	40

\* In acc. to DIN 18867-8 (large-scale catering equipment)

### Options



	Image plain bore version	Electrically conductive version, non-marking grey **
Technical description page		36, 39
Product code suffix		-ELS
Available for		all ball bearing versions

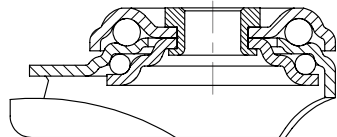
\*\* Load capacity is reduced by 35 %

Series: LRXA-PO, BRXA-PO, LKRXA-PO, BKRXA-PO

## Stainless steel light duty castors with bolt hole fitting, with nylon wheel

75 - 120 kg

RoHS



**Brackets:** LRXA/BRXA, LKRXA/BKRXA series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 69 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing type: Plain bore. Detailed description: Page 276 and 49

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LRXA-PO 50G	BRXA-PO 50G	LRXA-PO 50G-FI	50	18	75	Plain bore	69	43	11	25
LRXA-PO 76G	BRXA-PO 76G	LRXA-PO 76G-FI	75	23	75	Plain bore	98	43	11	29
LKRXA-PO 80G	BKRXA-PO 80G	LKRXA-PO 80G-FI	80	32	120	Plain bore	108	57	13	40
LKRXA-PO 80G-11		LKRXA-PO 80G-11-FI	80	32	120	Plain bore	108	57	11	40
LKRXA-PO 101G	BKRXA-PO 101G	LKRXA-PO 101G-FI	100	32	120	Plain bore	133	57	13	40
LKRXA-PO 101G-11		LKRXA-PO 101G-11-FI	100	32	120	Plain bore	133	57	11	40
LKRXA-PO 126G	BKRXA-PO 126G	LKRXA-PO 126G-FI	125	32	120	Plain bore	158	57	13	40
LKRXA-PO 126G-11		LKRXA-PO 126G-11-FI	125	32	120	Plain bore	158	57	11	40

18

### Options



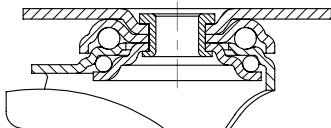
	With synthetic expander fitting, corrosion-resistant	Bumpers
Technical description page	75	84
Product code suffix	refer to page 352	AG / ARG series
Available for	swivel castors with bolt hole Ø 11 mm	refer to page 352

Series: LPXA-PO, BPXA-PO, LKPXA-PO, BKPXA-PO

## Stainless steel light duty castors with top plate fitting, with nylon wheel

75 - 120 kg

RoHS



**Brackets:** LPXA/BPXA, LKPXA/BKPXA series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant. Bolted wheel axle. Vibration-ground finished.  
Bracket overview: Page 70  
Top plate drawings: Page 76  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing type: Plain bore. Detailed description: Page 276 and 49

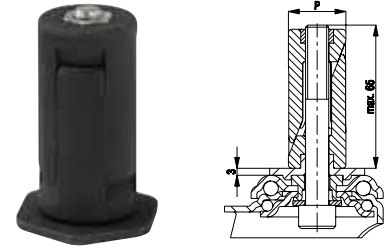
Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LPXA-PO 50G	BPXA-PO 50G	LPXA-PO 50G-FI	50	18	75	Plain bore	71	60 x 60	38x38/48x48	6.2	25
LPXA-PO 76G	BPXA-PO 76G	LPXA-PO 76G-FI	75	23	75	Plain bore	100	60 x 60	38x38/48x48	6.2	29
LKPXA-PO 80G	BKPXA-PO 80G	LKPXA-PO 80G-FI	80	32	120	Plain bore	111	90 x 66	75x45/61x51	8.5	40
LKPXA-PO 101G	BKPXA-PO 101G	LKPXA-PO 101G-FI	100	32	120	Plain bore	136	90 x 66	75x45/61x51	8.5	40
LKPXA-PO 126G	BKPXA-PO 126G	LKPXA-PO 126G-FI	125	32	120	Plain bore	161	90 x 66	75x45/61x51	8.5	40

## Options for stainless steel light duty castors

✓RoHS

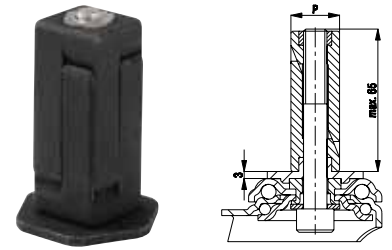
### Corrosion-resistant synthetic expander fitting for round tubes

Product code suffix for LRXA series	Product code suffix for LKRXA series	Internal tube dimension (P) [mm]	Available for all swivel castors LRXA/LKRXA series with bolt hole $\varnothing$ 11 mm. Swivel castor and expander are secured against loosening by a positive location fit. The maximum fitting length is 65 mm. <b>The total height of the castor is increased by 3 mm.</b> Detailed description: Page 75
-EXR02	-EXR12	$\varnothing$ 20 - 25	
-EXR03	-EXR13	$\varnothing$ 25 - 30	
-EXR04	-EXR14	$\varnothing$ 30 - 35	
-EXR05	-EXR15	$\varnothing$ 35 - 40	



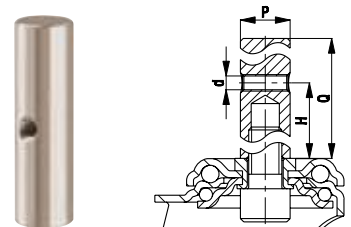
### Corrosion-resistant synthetic expander fitting for square tubes

Product code suffix for LRXA series	Product code suffix for LKRXA series	Internal tube dimension (P) [mm]	Available for all swivel castors LRXA/LKRXA series with bolt hole $\varnothing$ 11 mm. Swivel castor and expander are secured against loosening by a positive location fit. The maximum fitting length is 65 mm. <b>The total height of the castor is increased by 3 mm.</b> Detailed description: Page 75
-EXV02	-EXV12	$\square$ 18 - 21	
-EXV03	-EXV13	$\square$ 21 - 25	
-EXV04	-EXV14	$\square$ 25 - 29	
-EXV05	-EXV15	$\square$ 29 - 32	
-EXV07	-EXV17	$\square$ 32 - 38.5	



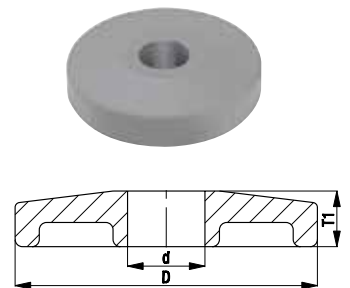
### Stainless steel plug-in stem in acc. to DIN 18867-8 (large-scale catering equipment)

Product code suffix	Stem dimension ( $\varnothing$ x height)	$\varnothing$ retaining hole	Position retaining hole	Available for all swivel castors LKRXA-TPA and LKRXA-PATH series with wheel $\varnothing$ 125 mm and bolt hole $\varnothing$ 13 mm. Detailed description: Page 74
	(P x Q) [mm]	(d) [mm]	(H) [mm]	
-ZAX51	$\varnothing$ 18.0 x 62	M6	30	



### Bumpers for round and square tubes

Product code	Wheel $\varnothing$ (D) [mm]	Wheel width (T1) [mm]	Bore hole (d) [mm]	In collisions, bumpers will help prevent wall and vehicle damage. Bumpers for round and square tubes are fixed or attached to the outer edge of the tubular frame of the vehicle. <b>AG series:</b> Made of soft synthetic polyethylene, 48° shore D hardness, colour silver grey RAL 7001, non-marking. <b>ARG series:</b> Made of solid rubber, 75° shore A hardness, colour grey, non-marking. Detailed description: Page 84
<b>Synthetic bumpers (polyethylene)</b>				
AG 100/R25	100	17.5	$\varnothing$ 25	
AG 100/V25	100	17.5	$\square$ 25 x 25	
AG 125/R25	125	17.5	$\varnothing$ 25	
AG 125/V25	125	17.5	$\square$ 25 x 25	
<b>Solid rubber bumpers</b>				
ARG 75/R10	75	23	$\varnothing$ 10	
ARG 100/R26	100	23	$\varnothing$ 26	
ARG 100/R32	100	23	$\varnothing$ 32	
ARG 125/R26	125	23	$\varnothing$ 26	
ARG 125/R32	125	23	$\varnothing$ 32	



Further dimensions and special colours upon request

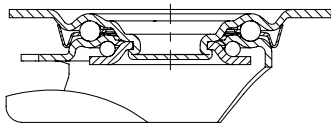
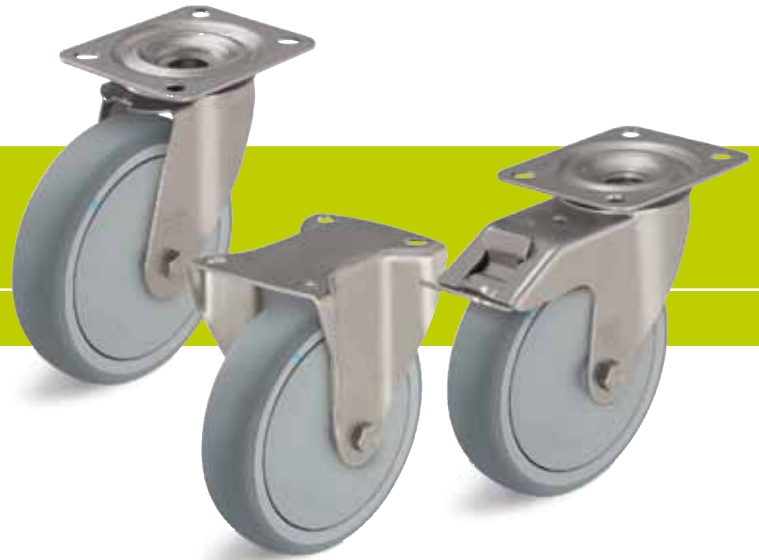
18

Series: LEX-TPA, BX-TPA

## Stainless steel castors with top plate fitting, wheel with thermoplastic rubber tread

100 - 250 kg

RoHS



**Brackets:** LEX/BX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/ AISI 304), swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
 All parts incl. axle material are corrosion-resistant.  
 Bolted wheel axle.  
 Vibration-ground finished.  
 Bracket overview: Page 70  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.  
 Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey (black for electrically conductive '-ELS' version).  
 Bearing types: Plain bore, stainless steel roller bearing or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with additional ball bearing seals as standard. Wheel Ø 80-125 mm with synthetic thread guard.  
 Detailed description: Page 145 and 42

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEX-TPA 80G	BX-TPA 80G	LEX-TPA 80G-FI	80	32	100	Plain bore	102	100 x 85	80 x 60	9	38
LEX-TPA 80KD-FK	BX-TPA 80KD-FK	LEX-TPA 80KD-FI-FK	80	32	100	Ball bearing (C)	102	100 x 85	80 x 60	9	38
LEX-TPA 102G	BX-TPA 102G	LEX-TPA 102G-FI	100	32	110	Plain bore	125	100 x 85	80 x 60	9	36
LEX-TPA 102KD-FK	BX-TPA 102KD-FK	LEX-TPA 102KD-FI-FK	100	32	110	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LEX-TPA 127G	BX-TPA 127G	LEX-TPA 127G-FI	125	32	125	Plain bore	150	100 x 85	80 x 60	9	40
LEX-TPA 127KD-FK	BX-TPA 127KD-FK	LEX-TPA 127KD-FI-FK	125	32	125	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LEX-TPA 160G	BX-TPA 160G	LEX-TPA 160G-FI	160	40	200	Plain bore	195	140 x 110	105 x 75-80	11	54
LEX-TPA 160XR	BX-TPA 160XR	LEX-TPA 160XR-FI	160	40	200	Roller bearing	195	140 x 110	105 x 75-80	11	54
LEX-TPA 160KD	BX-TPA 160KD	LEX-TPA 160KD-FI	160	40	200	Ball bearing (C)	195	140 x 110	105 x 75-80	11	54
LEX-TPA 200G	BX-TPA 200G	LEX-TPA 200G-FI	200	40	250	Plain bore	235	140 x 110	105 x 75-80	11	54
LEX-TPA 200XR	BX-TPA 200XR	LEX-TPA 200XR-FI	200	40	250	Roller bearing	235	140 x 110	105 x 75-80	11	54
LEX-TPA 200KD	BX-TPA 200KD	LEX-TPA 200KD-FI	200	40	250	Ball bearing (C)	235	140 x 110	105 x 75-80	11	54

### Options



	Image plain bore version	Electrically conductive version, non-marking grey *	With 'ideal-stop' brake **	Directional lock (retro-fit) 1 x 360°, stainless ***	Directional lock (retro fit) 1 x 360°, stainless ***	With synthetic foot guard
Technical description page		36, 38	80	83	83	84
Product code suffix		-ELS	-IS	RI-03.01-KX	RI-03.03-KX	-FP
Available for		all plain bore and ball bearing versions	wheel Ø 160-200 mm	wheel Ø 100-125 mm	wheel Ø 160-200 mm	wheel Ø 125 mm upon request

\* Load capacity is reduced by 35 %  
 \*\* Without alteration of the total height  
 \*\*\* Only for swivel castors without brake

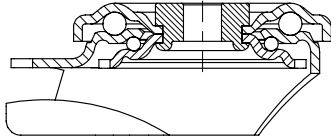


Series: LEXR-TPA

## Stainless steel castors with bolt hole fitting, wheel with thermoplastic rubber tread

100 - 250 kg

RoHS



**Brackets:** LEXR series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
All parts incl. axle material are corrosion-resistant.  
Bolted wheel axle.  
Vibration-ground finished.  
Bracket overview: Page 70  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** TPA series - Tread: Made of high-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, grey, non-marking.  
Wheel centre: Made of high-quality, impact-resistant polypropylene, silver grey (black for electrically conductive '-ELS' version).  
Bearing types: Plain bore, stainless steel roller bearing or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with additional ball bearing seals as standard. Wheel Ø 80-125 mm with synthetic thread guard.  
Detailed description: Page 145 and 42

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LEXR-TPA 80G	LEXR-TPA 80G-FI	80	32	100	Plain bore	102	70	13	38
LEXR-TPA 80KD-FK	LEXR-TPA 80KD-FI-FK	80	32	100	Ball bearing (C)	102	70	13	38
LEXR-TPA 102G	LEXR-TPA 102G-FI	100	32	110	Plain bore	125	70	13	36
LEXR-TPA 102KD-FK	LEXR-TPA 102KD-FI-FK	100	32	110	Ball bearing (C)	125	70	13	36
LEXR-TPA 127G	LEXR-TPA 127G-FI	125	32	125	Plain bore	150	70	13	40
LEXR-TPA 127KD-FK	LEXR-TPA 127KD-FI-FK	125	32	125	Ball bearing (C)	150	70	13	40
LEXR-TPA 160G	LEXR-TPA 160G-FI	160	40	200	Plain bore	195	88	13	54
LEXR-TPA 160XR	LEXR-TPA 160XR-FI	160	40	200	Roller bearing	195	88	13	54
LEXR-TPA 160KD	LEXR-TPA 160KD-FI	160	40	200	Ball bearing (C)	195	88	13	54
LEXR-TPA 200G	LEXR-TPA 200G-FI	200	40	250	Plain bore	235	88	13	54
LEXR-TPA 200XR	LEXR-TPA 200XR-FI	200	40	250	Roller bearing	235	88	13	54
LEXR-TPA 200KD	LEXR-TPA 200KD-FI	200	40	250	Ball bearing (C)	235	88	13	54

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### Options



	Image plain bore version	Electrically conductive version, non-marking grey *	With synthetic foot guard
Technical description page		36, 38	84
Product code suffix		-ELS	-FP
Available for		all plain bore and ball bearing versions	wheel Ø 125 mm upon request

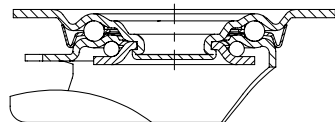
\* Load capacity is reduced by 35 %

Series: LEX-VPP, BX-VPP

## Stainless steel castors with top plate fitting, wheel with standard solid rubber tyre

50 - 205 kg

RoHS



**Brackets:** LEX/BX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/ AISI 304), swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
All parts incl. axle material are corrosion-resistant.  
Bolted wheel axle.  
Vibration-ground finished.  
Bracket overview: Page 70  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPP series - Tyres: Made of standard solid rubber, 80° shore A, grey, non-marking.  
Wheel dimension 80 x 32 mm: 90° shore A.  
Rims: Made of high-quality, impact-resistant polypropylene, black.  
Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, dark grey.  
Bearing types: Plain bore or stainless steel roller bearing.  
Detailed description: Page 139, 140 and 43

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEX-VPP 80G-SG	BX-VPP 80G-SG	LEX-VPP 80G-FI-SG	80	25	50	Plain bore	102	100 x 85	80 x 60	9	38
LEX-VPP 80XR-SG	BX-VPP 80XR-SG	LEX-VPP 80XR-FI-SG	80	25	50	Roller bearing	102	100 x 85	80 x 60	9	38
LEX-VPP 82G-SG	BX-VPP 82G-SG	LEX-VPP 82G-FI-SG	80	32	100	Plain bore	102	100 x 85	80 x 60	9	38
LEX-VPP 100G-SG	BX-VPP 100G-SG	LEX-VPP 100G-FI-SG	100	30	70	Plain bore	125	100 x 85	80 x 60	9	36
LEX-VPP 100XR-SG	BX-VPP 100XR-SG	LEX-VPP 100XR-FI-SG	100	30	70	Roller bearing	125	100 x 85	80 x 60	9	36
LEX-VPP 125G-SG	BX-VPP 125G-SG	LEX-VPP 125G-FI-SG	125	37.5	100	Plain bore	150	100 x 85	80 x 60	9	40
LEX-VPP 125XR-SG	BX-VPP 125XR-SG	LEX-VPP 125XR-FI-SG	125	37.5	100	Roller bearing	150	100 x 85	80 x 60	9	40
LEX-VPP 150G-1-SG	BX-VPP 150G-1-SG	LEX-VPP 150G-1-FI-SG	150	40	135	Plain bore	190	100 x 85	80 x 60	9	54
LEX-VPP 150G-SG	BX-VPP 150G-SG	LEX-VPP 150G-FI-SG	150	40	135	Plain bore	190	140 x 110	105 x 75-80	11	54
LEX-VPP 150XR-1-SG	BX-VPP 150XR-1-SG	LEX-VPP 150XR-1-FI-SG	150	40	135	Roller bearing	190	100 x 85	80 x 60	9	54
LEX-VPP 150XR-SG	BX-VPP 150XR-SG	LEX-VPP 150XR-FI-SG	150	40	135	Roller bearing	190	140 x 110	105 x 75-80	11	54
LEX-VPP 160G-1-SG	BX-VPP 160G-1-SG	LEX-VPP 160G-1-FI-SG	160	40	135	Plain bore	195	100 x 85	80 x 60	9	54
LEX-VPP 160G-SG	BX-VPP 160G-SG	LEX-VPP 160G-FI-SG	160	40	135	Plain bore	195	140 x 110	105 x 75-80	11	54
LEX-VPP 160XR-1-SG	BX-VPP 160XR-1-SG	LEX-VPP 160XR-1-FI-SG	160	40	135	Roller bearing	195	100 x 85	80 x 60	9	54
LEX-VPP 160XR-SG	BX-VPP 160XR-SG	LEX-VPP 160XR-FI-SG	160	40	135	Roller bearing	195	140 x 110	105 x 75-80	11	54
LEX-VPP 200G-1-SG	BX-VPP 200G-1-SG	LEX-VPP 200G-1-FI-SG	200	50	205	Plain bore	235	100 x 85	80 x 60	9	54
LEX-VPP 200G-SG	BX-VPP 200G-SG	LEX-VPP 200G-FI-SG	200	50	205	Plain bore	235	140 x 110	105 x 75-80	11	54
LEX-VPP 200XR-1-SG	BX-VPP 200XR-1-SG	LEX-VPP 200XR-1-FI-SG	200	50	205	Roller bearing	235	100 x 85	80 x 60	9	54
LEX-VPP 200XR-SG	BX-VPP 200XR-SG	LEX-VPP 200XR-FI-SG	200	50	205	Roller bearing	235	140 x 110	105 x 75-80	11	54

### Options



	With 'ideal-stop' brake *	Directional lock (retro-fit) 1 x 360°, stainless **	Directional lock (retro fit) 1 x 360°, stainless **	With synthetic foot guard
Technical description page	80	83	83	84
Product code suffix	-IS	RI-03.01-KX	RI-03.03-KX	-FP
Available for	wheel Ø 160-200 mm with plate 140x110	wheel Ø 100-125 mm	wheel Ø 150-200 mm with plate 140x110	wheel Ø 125 mm upon request

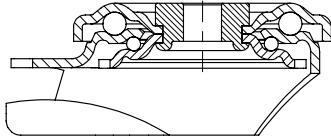
\* Without alteration of the total height  
\*\* Only for swivel castors without brake

Series: LEXR-VPP

## Stainless steel castors with bolt hole fitting, wheel with standard solid rubber tyre

50 - 205 kg

RoHS



**Brackets:** LEXR series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

All parts incl. axle material are corrosion-resistant.  
Bolted wheel axle.

Vibration-ground finished.

Bracket overview: Page 70

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VPP series - Tyres: Made of standard solid rubber, 80° shore A, grey, non-marking.

Wheel dimension 80 x 32 mm: 90° shore A.

Rims: Made of high-quality, impact-resistant polypropylene, black.

Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, dark grey.

Bearing type: Plain bore.

Detailed description: Page 139, 140 and 43

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LEXR-VPP 80G-SG	LEXR-VPP 80G-FI-SG	80	25	50	Plain bore	102	70	13	38
LEXR-VPP 82G-SG	LEXR-VPP 82G-FI-SG	80	32	100	Plain bore	102	70	13	38
LEXR-VPP 100G-SG	LEXR-VPP 100G-FI-SG	100	30	70	Plain bore	125	70	13	36
LEXR-VPP 125G-SG	LEXR-VPP 125G-FI-SG	125	37.5	100	Plain bore	150	70	13	40
LEXR-VPP 150G-SG	LEXR-VPP 150G-FI-SG	150	40	135	Plain bore	190	88	13	54
LEXR-VPP 160G-SG	LEXR-VPP 160G-FI-SG	160	40	135	Plain bore	195	88	13	54
LEXR-VPP 200G-SG	LEXR-VPP 200G-FI-SG	200	50	205	Plain bore	235	88	13	54

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### Options



With synthetic foot guard

Technical description page 84

Product code suffix -FP

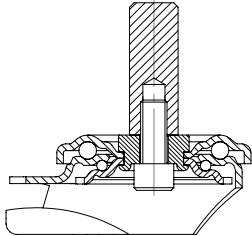
Available for wheel Ø 125 mm upon request

Series: LEXZ-VPP

## Stainless steel castors with stem fitting, wheel with standard solid rubber tyre

50 - 205 kg

RoHS



**Brackets:** LEXZ series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/ AISI 304), with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant. The stainless steel plug-in stem and central kingpin are either bolted and secured or made of one piece. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 70

**Wheels:** VPP series - Tyres: Made of standard solid rubber, 80° shore A, grey, non-marking. Wheel dimension 80 x 32 mm: 90° shore A. Rims: Made of high-quality, impact-resistant polypropylene, black. Wheel dimension 80 x 32 mm: Made of high-quality, impact-resistant nylon, dark grey. Bearing type: Plain bore. Detailed description: Page 139, 140 and 43

Wheel and swivel head 'stop-fix' brake: Page 80

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LEXZ-VPP 80G-SG	LEXZ-VPP 80G-FI-SG	80	25	50	Plain bore	102	20	50	38
LEXZ-VPP 82G-SG	LEXZ-VPP 82G-FI-SG	80	32	100	Plain bore	102	20	50	38
LEXZ-VPP 100G-SG	LEXZ-VPP 100G-FI-SG	100	30	70	Plain bore	125	20	50	36
LEXZ-VPP 125G-SG	LEXZ-VPP 125G-FI-SG	125	37.5	100	Plain bore	150	20	50	40
LEXZ-VPP 150G-SG	LEXZ-VPP 150G-FI-SG	150	40	135	Plain bore	190	27	60	54
LEXZ-VPP 160G-SG	LEXZ-VPP 160G-FI-SG	160	40	135	Plain bore	195	27	60	54
LEXZ-VPP 200G-SG	LEXZ-VPP 200G-FI-SG	200	50	205	Plain bore	235	27	60	54

### Options



With synthetic foot guard

Technical description page

84

Product code suffix

-FP

Available for

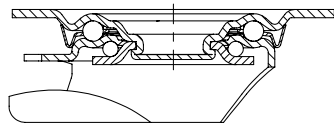
wheel Ø 125 mm upon request

Series: LEX-POEV, BX-POEV

## Stainless steel castors with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

140 - 300 kg

RoHS



**Blickle EasyRoll**

**Brackets:** LEX/BX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/ AISI 304), swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 70 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, grey, non-marking. Wheel centre: Made of high-quality, impact-resistant nylon, black. Bearing types: Plain bore, stainless steel roller bearing, two pressed-in, sealed ball bearings or a centrally encapsulated, sealed ball bearing (C). Ball bearing versions with additional ball bearing seals as standard. Detailed description: Page 164 and 44



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEX-POEV 80G-SG	BX-POEV 80G-SG	LEX-POEV 80G-FI-SG	80	32	140	Plain bore	102	100 x 85	80 x 60	9	38
LEX-POEV 80XR-SG	BX-POEV 80XR-SG	LEX-POEV 80XR-FI-SG	80	32	140	Roller bearing	102	100 x 85	80 x 60	9	38
LEX-POEV 80KD-SG	BX-POEV 80KD-SG	LEX-POEV 80KD-FI-SG	80	32	140	Ball bearing (C)	102	100 x 85	80 x 60	9	38
LEX-POEV 100G-SG	BX-POEV 100G-SG	LEX-POEV 100G-FI-SG	100	38	150	Plain bore	125	100 x 85	80 x 60	9	36
LEX-POEV 100XR-SG	BX-POEV 100XR-SG	LEX-POEV 100XR-FI-SG	100	38	150	Roller bearing	125	100 x 85	80 x 60	9	36
LEX-POEV 100KD-SG	BX-POEV 100KD-SG	LEX-POEV 100KD-FI-SG	100	38	150	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LEX-POEV 125G-SG	BX-POEV 125G-SG	LEX-POEV 125G-FI-SG	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LEX-POEV 125XR-SG	BX-POEV 125XR-SG	LEX-POEV 125XR-FI-SG	125	40	150	Roller bearing	150	100 x 85	80 x 60	9	40
LEX-POEV 125KD-SG	BX-POEV 125KD-SG	LEX-POEV 125KD-FI-SG	125	40	150	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LEX-POEV 160XR-1-SG	BX-POEV 160XR-1-SG	LEX-POEV 160XR-1-FI-SG	160	50	300	Roller bearing	195 (200)*	100 x 85	80 x 60	9	54
LEX-POEV 160XR-SG	BX-POEV 160XR-SG	LEX-POEV 160XR-FI-SG	160	50	300	Roller bearing	195 (200)*	140 x 110	105 x 75-80	11	54
LEX-POEV 160KD-1-SG	BX-POEV 160KD-1-SG	LEX-POEV 160KD-1-FI-SG	160	50	300	Ball bearing	195 (200)*	100 x 85	80 x 60	9	54
LEX-POEV 160KD-SG	BX-POEV 160KD-SG	LEX-POEV 160KD-FI-SG	160	50	300	Ball bearing	195 (200)*	140 x 110	105 x 75-80	11	54
LEX-POEV 200XR-1-SG	BX-POEV 200XR-1-SG	LEX-POEV 200XR-1-FI-SG	200	50	300	Roller bearing	235 (240)*	100 x 85	80 x 60	9	54
LEX-POEV 200XR-SG	BX-POEV 200XR-SG	LEX-POEV 200XR-FI-SG	200	50	300	Roller bearing	235 (240)*	140 x 110	105 x 75-80	11	54
LEX-POEV 200KD-1-SG	BX-POEV 200KD-1-SG	LEX-POEV 200KD-1-FI-SG	200	50	300	Ball bearing	235 (240)*	100 x 85	80 x 60	9	54
LEX-POEV 200KD-SG	BX-POEV 200KD-SG	LEX-POEV 200KD-FI-SG	200	50	300	Ball bearing	235 (240)*	140 x 110	105 x 75-80	11	54

\* Castors suitable for machine washing with mounting height 200 or 240 mm (refer to 'Options': '-GKN')

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### Options



	Electrically conductive version, black tyre	With 'ideal-stop' brake **	Directional lock (retro-fit) 1 x 360°, stainless	With automatic direction reset device	Castors suitable for machine washing (DIN 18867-8)	With synthetic foot guard	With stainless steel ball bearing and synthetic cover
Technical description page	36, 38	80	83	84		84	61
Product code suffix	-EL	-IS	refer to ***	-RIR2	-GKN	-FP	-XKA
Available for	ball bearing versions upon request	wheel Ø 160-200 mm with plate 140x110	for wheel Ø and plate dimensions refer to***	upon request	wheel Ø 160-200 mm upon request	wheel Ø 125 mm upon request	wheel Ø 160-200 mm

\*\* Without alteration of the total height

\*\*\* RI-03.01-KX available for wheel Ø 100-125 mm, RI-03.03-KX available for wheel Ø 160-200 mm with plate 140x110 mm (only for swivel castors without brake)

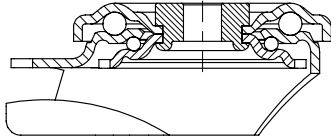


Series: LEXR-POEV

**Stainless steel castors with bolt hole fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

140 - 300 kg

RoHS



**Brackets:** LEXR series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
All parts incl. axle material are corrosion-resistant.  
Bolted wheel axle.  
Vibration-ground finished.  
Bracket overview: Page 70  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, grey, non-marking.  
Wheel centre: Made of high-quality, impact-resistant nylon, black.  
Bearing types: Plain bore, stainless steel roller bearing, two pressed-in, sealed ball bearings or a centrally encapsulated, sealed ball bearing (C). Ball bearing versions with additional ball bearing seals as standard.  
Detailed description: Page 164 and 44



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LEXR-POEV 80G-SG	LEXR-POEV 80G-FI-SG	80	32	140	Plain bore	102	70	13	38
LEXR-POEV 80XR-SG	LEXR-POEV 80XR-FI-SG	80	32	140	Roller bearing	102	70	13	38
LEXR-POEV 80KD-SG	LEXR-POEV 80KD-FI-SG	80	32	140	Ball bearing (C)	102	70	13	38
LEXR-POEV 100G-SG	LEXR-POEV 100G-FI-SG	100	38	150	Plain bore	125	70	13	36
LEXR-POEV 100XR-SG	LEXR-POEV 100XR-FI-SG	100	38	150	Roller bearing	125	70	13	36
LEXR-POEV 100KD-SG	LEXR-POEV 100KD-FI-SG	100	38	150	Ball bearing (C)	125	70	13	36
LEXR-POEV 125G-SG	LEXR-POEV 125G-FI-SG	125	40	150	Plain bore	150	70	13	40
LEXR-POEV 125XR-SG	LEXR-POEV 125XR-FI-SG	125	40	150	Roller bearing	150	70	13	40
LEXR-POEV 125KD-SG	LEXR-POEV 125KD-FI-SG	125	40	150	Ball bearing (C)	150	70	13	40
LEXR-POEV 160XR-SG	LEXR-POEV 160XR-FI-SG	160	50	300	Roller bearing	195	88	13	54
LEXR-POEV 160KD-SG	LEXR-POEV 160KD-FI-SG	160	50	300	Ball bearing	195	88	13	54
LEXR-POEV 200XR-SG	LEXR-POEV 200XR-FI-SG	200	50	300	Roller bearing	235	88	13	54
LEXR-POEV 200KD-SG	LEXR-POEV 200KD-FI-SG	200	50	300	Ball bearing	235	88	13	54

**Options**



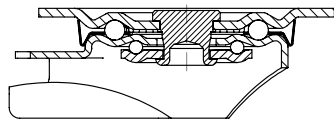
	Electrically conductive version, black tyre	With synthetic foot guard	With stainless steel ball bearing and synthetic cover
Technical description page	36, 38	84	61
Product code suffix	-EL	-FP	-XKA
Available for	ball bearing versions upon request	wheel Ø 125 mm upon request	wheel Ø 160-200 mm

Series: LX-POEV, BX-POEV

**Stainless steel castors, medium duty brackets, with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

200 - 400 kg

RoHS



**Brackets:** LX/BX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 71 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, grey, non-marking. Wheel centre: Made of high-quality, impact-resistant nylon, black. Bearing types: Stainless steel roller bearing, two pressed-in, sealed ball bearings or a centrally encapsulated, sealed ball bearing (C). Ball bearing versions with additional ball bearing seals as standard. Detailed description: Page 164 and 44



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LX-POEV 100XR-SG	BX-POEV 100XR-SG	LX-POEV 100XR-FI-SG	100	38	200	Roller bearing	125	100 x 85	80 x 60	9	36
LX-POEV 100KD-SG	BX-POEV 100KD-SG	LX-POEV 100KD-FI-SG	100	38	200	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LX-POEV 125XR-SG	BX-POEV 125XR-SG	LX-POEV 125XR-FI-SG	125	40	250	Roller bearing	150	100 x 85	80 x 60	9	40
LX-POEV 125KD-SG	BX-POEV 125KD-SG	LX-POEV 125KD-FI-SG	125	40	250	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LX-POEV 160XR-SG	BX-POEV 160XR-SG	LX-POEV 160XR-FI-SG	160	50	400	Roller bearing	195	140 x 110	105 x 75-80	11	60
LX-POEV 160KD-SG	BX-POEV 160KD-SG	LX-POEV 160KD-FI-SG	160	50	400	Ball bearing	195	140 x 110	105 x 75-80	11	60
LX-POEV 200XR-SG	BX-POEV 200XR-SG	LX-POEV 200XR-FI-SG	200	50	400	Roller bearing	235	140 x 110	105 x 75-80	11	65
LX-POEV 200KD-SG	BX-POEV 200KD-SG	LX-POEV 200KD-FI-SG	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65

**Options**



	Electrically conductive version, black tyre	With 'stop-top' brake	Directional lock (retro-fit) 1 x 360°, stainless *	With synthetic foot guard	With stainless steel ball bearing and synthetic cover
Technical description page	36, 38	80	83	84	61
Product code suffix	-EL	-ST	RI-03.01-KX	-FP	-XKA
Available for	ball bearing versions upon request	all sizes	wheel Ø 100-125 mm	wheel Ø 125 mm upon request	wheel Ø 160-200 mm

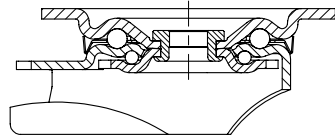
\* Only for swivel castors without brake

Series: LKX-POEV, BKX-POEV

## Stainless steel heavy duty castors with top plate fitting, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

170 - 500 kg

RoHS



**Blickle EasyRoll**

**Brackets:** LKX/BKX series - Made of heavy pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 160 - 200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

All parts incl. axle material are corrosion-resistant. Bolted wheel axle. Vibration-ground finished.

Bracket overview: Page 71

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, grey, non-marking.

Wheel centre: Made of high-quality, impact-resistant nylon, black.

Bearing types: Stainless steel roller bearing, two pressed-in, sealed ball bearings or a centrally encapsulated, sealed ball bearing (C). Ball bearing versions with additional ball bearing seals as standard.

Detailed description: Page 164 and 44



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKX-POEV 82KD-SG	BKX-POEV 82KD-SG	LKX-POEV 82KD-FI-SG	80	40	170	Ball bearing (C)	110	100 x 85	80 x 60	9	40
LKX-POEV 100XR-1-SG	BKX-POEV 100XR-1-SG	LKX-POEV 100XR-1-FI-SG	100	38	200	Roller bearing	130	100 x 85	80 x 60	9	45
LKX-POEV 100KD-1-SG	BKX-POEV 100KD-1-SG	LKX-POEV 100KD-1-FI-SG	100	38	200	Ball bearing (C)	130	100 x 85	80 x 60	9	45
LKX-POEV 125XR-1-SG	BKX-POEV 125XR-1-SG	LKX-POEV 125XR-1-FI-SG	125	40	250	Roller bearing	155	100 x 85	80 x 60	9	48
LKX-POEV 125KD-1-SG	BKX-POEV 125KD-1-SG	LKX-POEV 125KD-1-FI-SG	125	40	250	Ball bearing (C)	155	100 x 85	80 x 60	9	48
LKX-POEV 125XR-3-SG	BKX-POEV 125XR-3-SG	LKX-POEV 125XR-3-FI-SG	125	40	250	Roller bearing	155	140 x 110	105 x 75-80	11	48
LKX-POEV 125KD-3-SG	BKX-POEV 125KD-3-SG	LKX-POEV 125KD-3-FI-SG	125	40	250	Ball bearing (C)	155	140 x 110	105 x 75-80	11	48
LKX-POEV 160XR-SG	BKX-POEV 160XR-SG	LKX-POEV 160XR-FI-SG	160	50	400	Roller bearing	202	140 x 110	105 x 75-80	11	63
LKX-POEV 160KD-SG	BKX-POEV 160KD-SG	LKX-POEV 160KD-FI-SG	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	63
LKX-POEV 200XR-SG	BKX-POEV 200XR-SG	LKX-POEV 200XR-FI-SG	200	50	500	Roller bearing	245	140 x 110	105 x 75-80	11	65
LKX-POEV 200KD-SG	BKX-POEV 200KD-SG	LKX-POEV 200KD-FI-SG	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	65

### Options



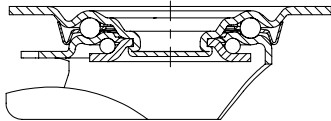
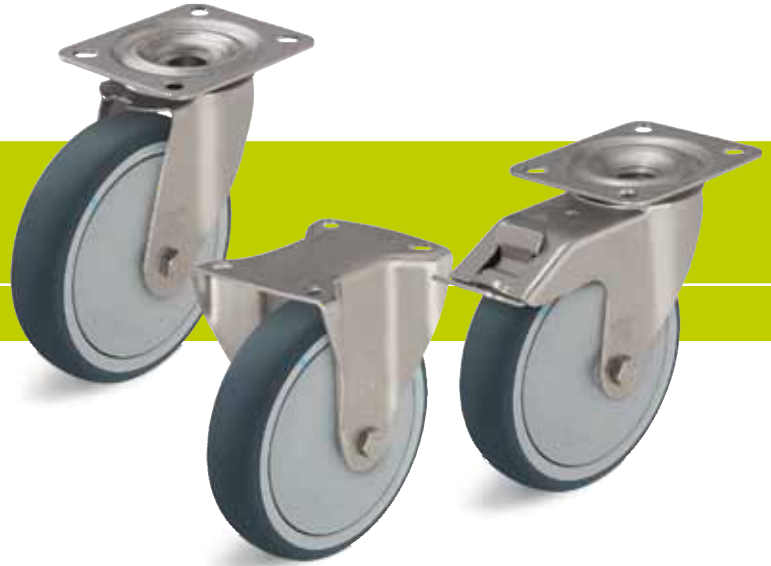
	Electrically conductive version, black tyre	With 'stop-top' brake	With automatic direction reset device	With stainless steel ball bearing and synthetic cover
Technical description page	36, 38	80	84	61
Product code suffix	-EL	-ST	-RIR2	-XKA
Available for	ball bearing versions upon request	wheel Ø 160-200 mm	wheel Ø 80-125 mm upon request	wheel Ø 160-200 mm

Series: LEX-PATH, BX-PATH

## Stainless steel castors with top plate fitting, wheel with thermoplastic polyurethane tread

150 - 300 kg

RoHS



**Brackets:** LEX/BX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/ AISI 304), swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

All parts incl. axle material are corrosion-resistant.

Bolted wheel axle.

Vibration-ground finished.

Bracket overview: Page 70

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PATH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.

Wheel centre: Made of high-quality, impact-resistant nylon, silver grey.

Bearing types: Plain bore, stainless steel roller bearing or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with additional ball bearing seals as standard. Wheel Ø 80-125 mm with synthetic thread guard.

Detailed description: Page 208 and 42

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEX-PATH 80G	BX-PATH 80G	LEX-PATH 80G-FI	80	32	150	Plain bore	102	100 x 85	80 x 60	9	38
LEX-PATH 80KD-FK	BX-PATH 80KD-FK	LEX-PATH 80KD-FI-FK	80	32	150	Ball bearing (C)	102	100 x 85	80 x 60	9	38
LEX-PATH 100G	BX-PATH 100G	LEX-PATH 100G-FI	100	32	150	Plain bore	125	100 x 85	80 x 60	9	36
LEX-PATH 100KD-FK	BX-PATH 100KD-FK	LEX-PATH 100KD-FI-FK	100	32	150	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LEX-PATH 125G	BX-PATH 125G	LEX-PATH 125G-FI	125	32	150	Plain bore	150	100 x 85	80 x 60	9	40
LEX-PATH 125KD-FK	BX-PATH 125KD-FK	LEX-PATH 125KD-FI-FK	125	32	150	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LEX-PATH 160G	BX-PATH 160G	LEX-PATH 160G-FI	160	40	300	Plain bore	195	140 x 110	105 x 75-80	11	54
LEX-PATH 160XR	BX-PATH 160XR	LEX-PATH 160XR-FI	160	40	300	Roller bearing	195	140 x 110	105 x 75-80	11	54
LEX-PATH 160KD	BX-PATH 160KD	LEX-PATH 160KD-FI	160	40	300	Ball bearing (C)	195	140 x 110	105 x 75-80	11	54
LEX-PATH 200G	BX-PATH 200G	LEX-PATH 200G-FI	200	40	300	Plain bore	235	140 x 110	105 x 75-80	11	54
LEX-PATH 200XR	BX-PATH 200XR	LEX-PATH 200XR-FI	200	40	300	Roller bearing	235	140 x 110	105 x 75-80	11	54
LEX-PATH 200KD	BX-PATH 200KD	LEX-PATH 200KD-FI	200	40	300	Ball bearing (C)	235	140 x 110	105 x 75-80	11	54

18

### Options



	Image plain bore version	Electrically conductive version, non-marking grey *	With 'ideal-stop' brake **	Directional lock (retro-fit) 1 x 360°, stainless ***	Directional lock (retro fit) 1 x 360°, stainless ***	With synthetic foot guard
Technical description page		36, 39	80	83	83	84
Product code suffix		-ELS	-IS	RI-03.01-KX	RI-03.03-KX	-FP
Available for		all ball bearing versions	wheel Ø 160-200 mm	wheel Ø 100-125 mm	wheel Ø 160-200 mm	wheel Ø 125 mm upon request

\* Load capacity is reduced by 35 %

\*\* Without alteration of the total height

\*\*\* Only for swivel castors without brake

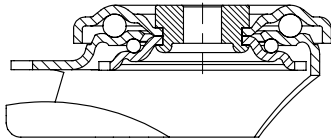


Series: LEXR-PATH

## Stainless steel castors with bolt hole fitting, wheel with thermoplastic polyurethane tread

150 - 300 kg

RoHS



**Brackets:** LEXR series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
All parts incl. axle material are corrosion-resistant.  
Bolted wheel axle.  
Vibration-ground finished.  
Bracket overview: Page 70  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PATH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.  
Wheel centre: Made of high-quality, impact-resistant nylon, silver grey.  
Bearing types: Plain bore, stainless steel roller bearing or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with additional ball bearing seals as standard. Wheel Ø 80-125 mm with synthetic thread guard.  
Detailed description: Page 208 and 42

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LEXR-PATH 80G	LEXR-PATH 80G-FI	80	32	150	Plain bore	102	70	13	38
LEXR-PATH 80KD-FK	LEXR-PATH 80KD-FI-FK	80	32	150	Ball bearing (C)	102	70	13	38
LEXR-PATH 100G	LEXR-PATH 100G-FI	100	32	150	Plain bore	125	70	13	36
LEXR-PATH 100KD-FK	LEXR-PATH 100KD-FI-FK	100	32	150	Ball bearing (C)	125	70	13	36
LEXR-PATH 125G	LEXR-PATH 125G-FI	125	32	150	Plain bore	150	70	13	40
LEXR-PATH 125KD-FK	LEXR-PATH 125KD-FI-FK	125	32	150	Ball bearing (C)	150	70	13	40
LEXR-PATH 160G	LEXR-PATH 160G-FI	160	40	300	Plain bore	195	88	13	54
LEXR-PATH 160XR	LEXR-PATH 160XR-FI	160	40	300	Roller bearing	195	88	13	54
LEXR-PATH 160KD	LEXR-PATH 160KD-FI	160	40	300	Ball bearing (C)	195	88	13	54
LEXR-PATH 200G	LEXR-PATH 200G-FI	200	40	300	Plain bore	235	88	13	54
LEXR-PATH 200XR	LEXR-PATH 200XR-FI	200	40	300	Roller bearing	235	88	13	54
LEXR-PATH 200KD	LEXR-PATH 200KD-FI	200	40	300	Ball bearing (C)	235	88	13	54

### Options



	Image plain bore version	Electrically conductive version, non-marking grey *	With synthetic foot guard
Technical description page		36, 39	84
Product code suffix		-ELS	-FP
Available for		all ball bearing versions	wheel Ø 125 mm upon request

\* Load capacity is reduced by 35 %

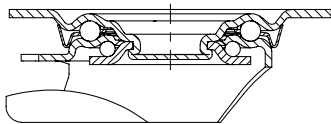


Series: LEX-POTH, BX-POTH

## Stainless steel castors with top plate fitting, wheel with thermoplastic polyurethane tread

150 - 300 kg

RoHS



**Brackets:** LEX/BX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/ AISI 304), swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

All parts incl. axle material are corrosion-resistant.

Bolted wheel axle.

Vibration-ground finished.

Bracket overview: Page 70

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POTH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.

Wheel centre: Made of high-quality, impact-resistant nylon, natural white.

Bearing types: Plain bore, stainless steel roller bearing or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with additional ball bearing seals as standard.

Detailed description: Page 213 and 47

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEX-POTH 100G	BX-POTH 100G	LEX-POTH 100G-FI	100	35	150	Plain bore	125	100 x 85	80 x 60	9	36
LEX-POTH 100XR	BX-POTH 100XR	LEX-POTH 100XR-FI	100	35	150	Roller bearing	125	100 x 85	80 x 60	9	36
LEX-POTH 100KD	BX-POTH 100KD	LEX-POTH 100KD-FI	100	35	150	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LEX-POTH 125G	BX-POTH 125G	LEX-POTH 125G-FI	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LEX-POTH 125XR	BX-POTH 125XR	LEX-POTH 125XR-FI	125	40	150	Roller bearing	150	100 x 85	80 x 60	9	40
LEX-POTH 125KD	BX-POTH 125KD	LEX-POTH 125KD-FI	125	40	150	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LEX-POTH 150G	BX-POTH 150G	LEX-POTH 150G-FI	150	45	300	Plain bore	190	140 x 110	105 x 75-80	11	54
LEX-POTH 150XR	BX-POTH 150XR	LEX-POTH 150XR-FI	150	45	300	Roller bearing	190	140 x 110	105 x 75-80	11	54
LEX-POTH 160G	BX-POTH 160G	LEX-POTH 160G-FI	160	45	300	Plain bore	195	140 x 110	105 x 75-80	11	54
LEX-POTH 160XR	BX-POTH 160XR	LEX-POTH 160XR-FI	160	45	300	Roller bearing	195	140 x 110	105 x 75-80	11	54
LEX-POTH 200G	BX-POTH 200G	LEX-POTH 200G-FI	200	50	300	Plain bore	235	140 x 110	105 x 75-80	11	54
LEX-POTH 200XR	BX-POTH 200XR	LEX-POTH 200XR-FI	200	50	300	Roller bearing	235	140 x 110	105 x 75-80	11	54

### Options



	With 'ideal-stop' brake *	Directional lock (retro-fit) 1 x 360°, stainless **	Directional lock (retro fit) 1 x 360°, stainless **	With synthetic foot guard
Technical description page	80	83	83	84
Product code suffix	-IS	RI-03.01-KX	RI-03.03-KX	-FP
Available for	wheel Ø 160-200 mm	wheel Ø 100-125 mm	wheel Ø 150-200 mm	wheel Ø 125 mm upon request

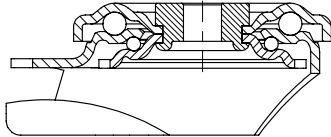
\* Without alteration of the total height  
 \*\* Only for swivel castors without brake

Series: LEXR-POTH

## Stainless steel castors with bolt hole fitting, wheel with thermoplastic polyurethane tread

150 - 300 kg

RoHS



**Brackets:** LEXR series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

All parts incl. axle material are corrosion-resistant. Bolted wheel axle.

Vibration-ground finished.

Bracket overview: Page 70

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POTH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.

Wheel centre: Made of high-quality, impact-resistant nylon, natural white.

Bearing types: Plain bore, stainless steel roller bearing or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with additional ball bearing seals as standard.

Detailed description: Page 213 and 47

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LEXR-POTH 100G	LEXR-POTH 100G-FI	100	35	150	Plain bore	125	70	13	36
LEXR-POTH 100XR	LEXR-POTH 100XR-FI	100	35	150	Roller bearing	125	70	13	36
LEXR-POTH 100KD	LEXR-POTH 100KD-FI	100	35	150	Ball bearing (C)	125	70	13	36
LEXR-POTH 125G	LEXR-POTH 125G-FI	125	40	150	Plain bore	150	70	13	40
LEXR-POTH 125XR	LEXR-POTH 125XR-FI	125	40	150	Roller bearing	150	70	13	40
LEXR-POTH 125KD	LEXR-POTH 125KD-FI	125	40	150	Ball bearing (C)	150	70	13	40
LEXR-POTH 150G	LEXR-POTH 150G-FI	150	45	300	Plain bore	190	88	13	54
LEXR-POTH 150XR	LEXR-POTH 150XR-FI	150	45	300	Roller bearing	190	88	13	54
LEXR-POTH 160G	LEXR-POTH 160G-FI	160	45	300	Plain bore	195	88	13	54
LEXR-POTH 160XR	LEXR-POTH 160XR-FI	160	45	300	Roller bearing	195	88	13	54
LEXR-POTH 200G	LEXR-POTH 200G-FI	200	50	300	Plain bore	235	88	13	54
LEXR-POTH 200XR	LEXR-POTH 200XR-FI	200	50	300	Roller bearing	235	88	13	54

### Options



With synthetic foot guard

Technical description page 84

Product code suffix -FP

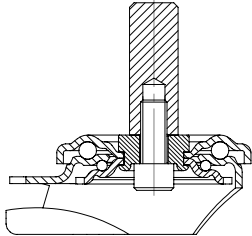
Available for wheel Ø 125 mm upon request

Series: LEXZ-POTH

## Stainless steel castors with stem fitting, wheel with thermoplastic polyurethane tread

150 - 270 kg

RoHS



**Brackets:** LEXZ series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/ AISI 304), with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant. The stainless steel plug-in stem and central kingpin are either bolted and secured or made of one piece. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 70

**Wheels:** POTH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining. Wheel centre: Made of high-quality, impact-resistant nylon, natural white. Bearing types: Plain bore, stainless steel roller bearing or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with additional ball bearing seals as standard. Detailed description: Page 213 and 47

Wheel and swivel head 'stop-fix' brake: Page 80

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LEXZ-POTH 100G	LEXZ-POTH 100G-FI	100	35	150	Plain bore	125	20	50	36
LEXZ-POTH 100XR	LEXZ-POTH 100XR-FI	100	35	150	Roller bearing	125	20	50	36
LEXZ-POTH 100KD	LEXZ-POTH 100KD-FI	100	35	150	Ball bearing (C)	125	20	50	36
LEXZ-POTH 125G	LEXZ-POTH 125G-FI	125	40	150	Plain bore	150	20	50	40
LEXZ-POTH 125XR	LEXZ-POTH 125XR-FI	125	40	150	Roller bearing	150	20	50	40
LEXZ-POTH 125KD	LEXZ-POTH 125KD-FI	125	40	150	Ball bearing (C)	150	20	50	40
LEXZ-POTH 150G	LEXZ-POTH 150G-FI	150	45	270	Plain bore	190	27	60	54
LEXZ-POTH 150XR	LEXZ-POTH 150XR-FI	150	45	270	Roller bearing	190	27	60	54
LEXZ-POTH 160G	LEXZ-POTH 160G-FI	160	45	270	Plain bore	195	27	60	54
LEXZ-POTH 160XR	LEXZ-POTH 160XR-FI	160	45	270	Roller bearing	195	27	60	54
LEXZ-POTH 200G	LEXZ-POTH 200G-FI	200	50	270	Plain bore	235	27	60	54
LEXZ-POTH 200XR	LEXZ-POTH 200XR-FI	200	50	270	Roller bearing	235	27	60	54

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### Options

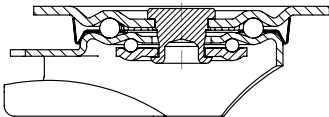
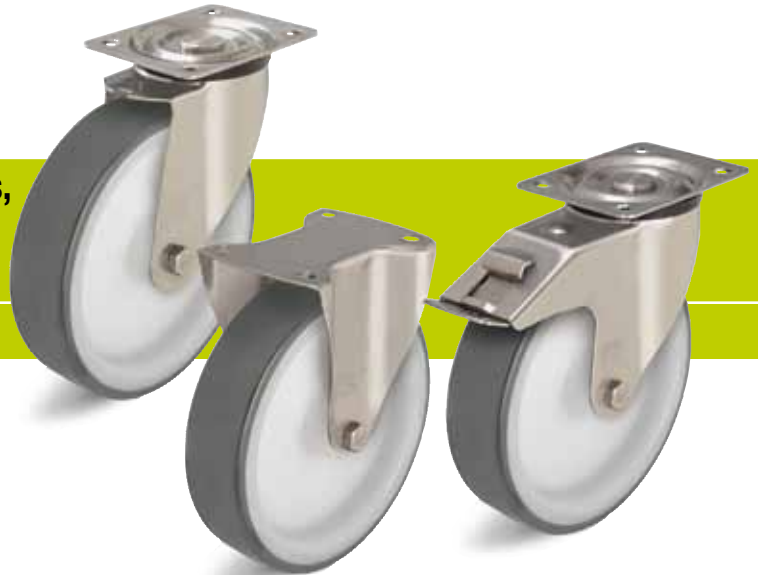
	With synthetic foot guard
Technical description page	84
Product code suffix	-FP
Available for	wheel Ø 125 mm upon request

Series: LX-POTH, BX-POTH

**Stainless steel castors, medium duty brackets, with top plate fitting, wheel with thermoplastic polyurethane tread**

250 - 400 kg

RoHS



**Brackets:** LX/BX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 71 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POTH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining. Wheel centre: Made of high-quality, impact-resistant nylon, natural white. Bearing types: Plain bore, stainless steel roller bearing, two pressed-in, stainless steel ball bearings or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with additional ball bearing seals as standard. Detailed description: Page 213 and 47

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LX-POTH 100G	BX-POTH 100G	LX-POTH 100G-FI	100	35	250	Plain bore	125	100 x 85	80 x 60	9	36
LX-POTH 100XR	BX-POTH 100XR	LX-POTH 100XR-FI	100	35	250	Roller bearing	125	100 x 85	80 x 60	9	36
LX-POTH 100KD	BX-POTH 100KD	LX-POTH 100KD-FI	100	35	250	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LX-POTH 125G	BX-POTH 125G	LX-POTH 125G-FI	125	40	250	Plain bore	150	100 x 85	80 x 60	9	40
LX-POTH 125XR	BX-POTH 125XR	LX-POTH 125XR-FI	125	40	250	Roller bearing	150	100 x 85	80 x 60	9	40
LX-POTH 125KD	BX-POTH 125KD	LX-POTH 125KD-FI	125	40	250	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LX-POTH 150G	BX-POTH 150G	LX-POTH 150G-FI	150	45	400	Plain bore	190	140 x 110	105 x 75-80	11	60
LX-POTH 150XR	BX-POTH 150XR	LX-POTH 150XR-FI	150	45	400	Roller bearing	190	140 x 110	105 x 75-80	11	60
LX-POTH 150XK	BX-POTH 150XK	LX-POTH 150XK-FI	150	45	400	Ball bearing	190	140 x 110	105 x 75-80	11	60
LX-POTH 160G	BX-POTH 160G	LX-POTH 160G-FI	160	45	400	Plain bore	195	140 x 110	105 x 75-80	11	60
LX-POTH 160XR	BX-POTH 160XR	LX-POTH 160XR-FI	160	45	400	Roller bearing	195	140 x 110	105 x 75-80	11	60
LX-POTH 160XK	BX-POTH 160XK	LX-POTH 160XK-FI	160	45	400	Ball bearing	195	140 x 110	105 x 75-80	11	60
LX-POTH 200G	BX-POTH 200G	LX-POTH 200G-FI	200	50	400	Plain bore	235	140 x 110	105 x 75-80	11	65
LX-POTH 200XR	BX-POTH 200XR	LX-POTH 200XR-FI	200	50	400	Roller bearing	235	140 x 110	105 x 75-80	11	65
LX-POTH 200XK	BX-POTH 200XK	LX-POTH 200XK-FI	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65

**Options**



	With 'stop-top' brake	Directional lock (retro-fit) 1 x 360°, stainless *	With synthetic foot guard
Technical description page	80	83	84
Product code suffix	-ST	RI-03.01-KX	-FP
Available for	all sizes	wheel Ø 100-125 mm	wheel Ø 125 mm upon request

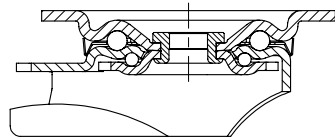
\* Only for swivel castors without brake

Series: LKX-POTH, BKX-POTH

## Stainless steel heavy duty castors with top plate fitting, wheel with thermoplastic polyurethane tread

200 - 800 kg

RoHS



**Brackets:** LKX/BKX series - Made of heavy pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 150 - 200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

All parts incl. axle material are corrosion-resistant. Bolted wheel axle. Vibration-ground finished.

Bracket overview: Page 71  
Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POTH series - Tread: Made of high-quality thermoplastic polyurethane, 94° shore A, dark grey, non-marking, non-staining.

Wheel centre: Made of high-quality, impact-resistant nylon, natural white.

Bearing types: Plain bore, stainless steel roller bearing, two pressed-in, stainless steel ball bearings or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with additional ball bearing seals as standard.

Detailed description: Page 213 and 47

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKX-POTH 75G	BKX-POTH 75G	LKX-POTH 75G-FI	75	37	200	Plain bore	108	100 x 85	80 x 60	9	40
LKX-POTH 75XR	BKX-POTH 75XR	LKX-POTH 75XR-FI	75	37	200	Roller bearing	108	100 x 85	80 x 60	9	40
LKX-POTH 100G-1	BKX-POTH 100G-1	LKX-POTH 100G-1-FI	100	35	300	Plain bore	130	100 x 85	80 x 60	9	45
LKX-POTH 100XR-1	BKX-POTH 100XR-1	LKX-POTH 100XR-1-FI	100	35	300	Roller bearing	130	100 x 85	80 x 60	9	45
LKX-POTH 100KD-1	BKX-POTH 100KD-1	LKX-POTH 100KD-1-FI	100	35	300	Ball bearing (C)	130	100 x 85	80 x 60	9	45
LKX-POTH 125G-1	BKX-POTH 125G-1	LKX-POTH 125G-1-FI	125	40	350	Plain bore	155	100 x 85	80 x 60	9	48
LKX-POTH 125KD-1	BKX-POTH 125KD-1	LKX-POTH 125KD-1-FI	125	40	350	Ball bearing (C)	155	100 x 85	80 x 60	9	48
LKX-POTH 125XK-1	BKX-POTH 125XK-1	LKX-POTH 125XK-1-FI	125	40	350	Ball bearing	155	100 x 85	80 x 60	9	48
LKX-POTH 125G-3	BKX-POTH 125G-3	LKX-POTH 125G-3-FI	125	40	350	Plain bore	155	140 x 110	105 x 75-80	11	48
LKX-POTH 125KD-3	BKX-POTH 125KD-3	LKX-POTH 125KD-3-FI	125	40	350	Ball bearing (C)	155	140 x 110	105 x 75-80	11	48
LKX-POTH 125XK-3	BKX-POTH 125XK-3	LKX-POTH 125XK-3-FI	125	40	350	Ball bearing	155	140 x 110	105 x 75-80	11	48
LKX-POTH 150G	BKX-POTH 150G	LKX-POTH 150G-FI	150	45	500	Plain bore	197	140 x 110	105 x 75-80	11	63
LKX-POTH 150XK	BKX-POTH 150XK	LKX-POTH 150XK-FI	150	45	500	Ball bearing	197	140 x 110	105 x 75-80	11	63
LKX-POTH 160G	BKX-POTH 160G	LKX-POTH 160G-FI	160	45	550	Plain bore	202	140 x 110	105 x 75-80	11	63
LKX-POTH 160XK	BKX-POTH 160XK	LKX-POTH 160XK-FI	160	45	550	Ball bearing	202	140 x 110	105 x 75-80	11	63
LKX-POTH 200G	BKX-POTH 200G	LKX-POTH 200G-FI	200	50	800	Plain bore	245	140 x 110	105 x 75-80	11	65
LKX-POTH 200XK	BKX-POTH 200XK	LKX-POTH 200XK-FI	200	50	800	Ball bearing	245	140 x 110	105 x 75-80	11	65

### Options



With 'stop-top' brake	
Technical description page	80
Product code suffix	-ST
Available for	wheel Ø 150-200 mm

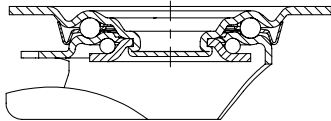


Series: LEX-PO, BX-PO

## Stainless steel castors with top plate fitting, with nylon wheel

150 - 300 kg

RoHS



**Brackets:** LEX/BX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/ AISI 304), swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

All parts incl. axle material are corrosion-resistant.

Bolted wheel axle.

Vibration-ground finished.

Bracket overview: Page 70

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white.

Bearing types: Plain bore, stainless steel roller bearing or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with additional ball bearing seals as standard.

Detailed description: Page 276, 277 and 49

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEX-PO 75G	BX-PO 75G	LEX-PO 75G-FI	75	32	150	Plain bore	100	100 x 85	80 x 60	9	38
LEX-PO 75XR	BX-PO 75XR	LEX-PO 75XR-FI	75	32	150	Roller bearing	100	100 x 85	80 x 60	9	38
LEX-PO 80G	BX-PO 80G	LEX-PO 80G-FI	80	32	150	Plain bore	102	100 x 85	80 x 60	9	38
LEX-PO 80XR	BX-PO 80XR	LEX-PO 80XR-FI	80	32	150	Roller bearing	102	100 x 85	80 x 60	9	38
LEX-PO 80KD	BX-PO 80KD	LEX-PO 80KD-FI	80	32	150	Ball bearing (C)	102	100 x 85	80 x 60	9	38
LEX-PO 100G	BX-PO 100G	LEX-PO 100G-FI	100	37	150	Plain bore	125	100 x 85	80 x 60	9	36
LEX-PO 100XR	BX-PO 100XR	LEX-PO 100XR-FI	100	37	150	Roller bearing	125	100 x 85	80 x 60	9	36
LEX-PO 100KD	BX-PO 100KD	LEX-PO 100KD-FI	100	37	150	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LEX-PO 125G	BX-PO 125G	LEX-PO 125G-FI	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LEX-PO 125XR	BX-PO 125XR	LEX-PO 125XR-FI	125	40	150	Roller bearing	150	100 x 85	80 x 60	9	40
LEX-PO 125KD	BX-PO 125KD	LEX-PO 125KD-FI	125	40	150	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LEX-PO 150G	BX-PO 150G	LEX-PO 150G-FI	150	50	300	Plain bore	190	140 x 110	105 x 75-80	11	54
LEX-PO 150XR	BX-PO 150XR	LEX-PO 150XR-FI	150	50	300	Roller bearing	190	140 x 110	105 x 75-80	11	54
LEX-PO 160G	BX-PO 160G	LEX-PO 160G-FI	160	50	300	Plain bore	195	140 x 110	105 x 75-80	11	54
LEX-PO 160XR	BX-PO 160XR	LEX-PO 160XR-FI	160	50	300	Roller bearing	195	140 x 110	105 x 75-80	11	54
LEX-PO 200G	BX-PO 200G	LEX-PO 200G-FI	200	50	300	Plain bore	235	140 x 110	105 x 75-80	11	54
LEX-PO 200XR	BX-PO 200XR	LEX-PO 200XR-FI	200	50	300	Roller bearing	235	140 x 110	105 x 75-80	11	54

### Options



	Electrically conductive version, non-marking grey	With 'ideal-stop' brake *	Directional lock (retro-fit) 1 x 360°, stainless **	Directional lock (retro fit) 1 x 360°, stainless **	With synthetic foot guard
Technical description page	36, 40	80	83	83	84
Product code suffix	-ELS	-IS	RI-03.01-KX	RI-03.03-KX	-FP
Available for	upon request	wheel Ø 160-200 mm	wheel Ø 75, 100, 125 mm	wheel Ø 150-200 mm	wheel Ø 125 mm upon request

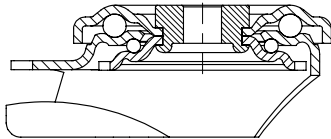
\* Without alteration of the total height  
 \*\* Only for swivel castors without brake

Series: LEXR-PO

## Stainless steel castors with bolt hole fitting, with nylon wheel

150 - 300 kg

RoHS



**Brackets:** LEXR series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

All parts incl. axle material are corrosion-resistant. Bolted wheel axle.

Vibration-ground finished.

Bracket overview: Page 70

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white.

Bearing types: Plain bore, stainless steel roller bearing or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with additional ball bearing seals as standard.

Detailed description: Page 276, 277 and 49

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LEXR-PO 75G	LEXR-PO 75G-FI	75	32	150	Plain bore	100	70	13	38
LEXR-PO 75XR	LEXR-PO 75XR-FI	75	32	150	Roller bearing	100	70	13	38
LEXR-PO 80G	LEXR-PO 80G-FI	80	32	150	Plain bore	102	70	13	38
LEXR-PO 80XR	LEXR-PO 80XR-FI	80	32	150	Roller bearing	102	70	13	38
LEXR-PO 80KD	LEXR-PO 80KD-FI	80	32	150	Ball bearing (C)	102	70	13	38
LEXR-PO 100G	LEXR-PO 100G-FI	100	37	150	Plain bore	125	70	13	36
LEXR-PO 100XR	LEXR-PO 100XR-FI	100	37	150	Roller bearing	125	70	13	36
LEXR-PO 100KD	LEXR-PO 100KD-FI	100	37	150	Ball bearing (C)	125	70	13	36
LEXR-PO 125G	LEXR-PO 125G-FI	125	40	150	Plain bore	150	70	13	40
LEXR-PO 125XR	LEXR-PO 125XR-FI	125	40	150	Roller bearing	150	70	13	40
LEXR-PO 125KD	LEXR-PO 125KD-FI	125	40	150	Ball bearing (C)	150	70	13	40
LEXR-PO 150G	LEXR-PO 150G-FI	150	50	300	Plain bore	190	88	13	54
LEXR-PO 150XR	LEXR-PO 150XR-FI	150	50	300	Roller bearing	190	88	13	54
LEXR-PO 160G	LEXR-PO 160G-FI	160	50	300	Plain bore	195	88	13	54
LEXR-PO 160XR	LEXR-PO 160XR-FI	160	50	300	Roller bearing	195	88	13	54
LEXR-PO 200G	LEXR-PO 200G-FI	200	50	300	Plain bore	235	88	13	54
LEXR-PO 200XR	LEXR-PO 200XR-FI	200	50	300	Roller bearing	235	88	13	54

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### Options



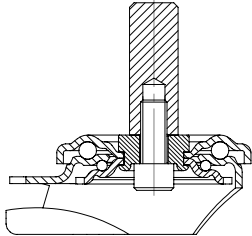
	Electrically conductive version, non-marking grey	With synthetic foot guard
Technical description page	36, 40	84
Product code suffix	-ELS	-FP
Available for	upon request	wheel Ø 125 mm upon request

Series: LEXZ-PO

## Stainless steel castors with with stem fitting, with nylon wheel

150 - 270 kg

RoHS



**Brackets:** LEXZ series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/ AISI 304), with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. All parts incl. axle material are corrosion-resistant. The stainless steel plug-in stem and central kingpin are either bolted and secured or made of one piece. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 70  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing type: Plain bore. Detailed description: Page 276, 277 and 49

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LEXZ-PO 75G	LEXZ-PO 75G-FI	75	32	150	Plain bore	100	20	50	38
LEXZ-PO 80G	LEXZ-PO 80G-FI	80	32	150	Plain bore	102	20	50	38
LEXZ-PO 100G	LEXZ-PO 100G-FI	100	37	150	Plain bore	125	20	50	36
LEXZ-PO 125G	LEXZ-PO 125G-FI	125	40	150	Plain bore	150	20	50	40
LEXZ-PO 150G	LEXZ-PO 150G-FI	150	50	270	Plain bore	190	27	60	54
LEXZ-PO 160G	LEXZ-PO 160G-FI	160	50	270	Plain bore	195	27	60	54
LEXZ-PO 200G	LEXZ-PO 200G-FI	200	50	270	Plain bore	235	27	60	54

### Options



With synthetic foot guard

Technical description page 84

Product code suffix -FP

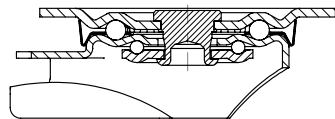
Available for wheel Ø 125 mm upon request

Series: LX-PO, BX-PO

**Stainless steel castors, medium duty brackets, with top plate fitting, with nylon wheel**

250 - 400 kg

RoHS



**Brackets:** LX/BX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

All parts incl. axle material are corrosion-resistant.

Bolted wheel axle.

Vibration-ground finished.

Bracket overview: Page 71

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white.

Bearing types: Plain bore, stainless steel roller bearing, two pressed-in, stainless steel ball bearings or a centrally encapsulated, sealed ball bearing (C). Ball bearing (C) with additional ball bearing seals as standard.

Detailed description: Page 276, 277 and 49

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LX-PO 100G	BX-PO 100G	LX-PO 100G-FI	100	37	250	Plain bore	125	100 x 85	80 x 60	9	36
LX-PO 100XR	BX-PO 100XR	LX-PO 100XR-FI	100	37	250	Roller bearing	125	100 x 85	80 x 60	9	36
LX-PO 100KD	BX-PO 100KD	LX-PO 100KD-FI	100	37	250	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LX-PO 125G	BX-PO 125G	LX-PO 125G-FI	125	40	250	Plain bore	150	100 x 85	80 x 60	9	40
LX-PO 125XR	BX-PO 125XR	LX-PO 125XR-FI	125	40	250	Roller bearing	150	100 x 85	80 x 60	9	40
LX-PO 125KD	BX-PO 125KD	LX-PO 125KD-FI	125	40	250	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LX-PO 150G	BX-PO 150G	LX-PO 150G-FI	150	50	400	Plain bore	190	140 x 110	105 x 75-80	11	60
LX-PO 150XR	BX-PO 150XR	LX-PO 150XR-FI	150	50	400	Roller bearing	190	140 x 110	105 x 75-80	11	60
LX-PO 150XK	BX-PO 150XK	LX-PO 150XK-FI	150	50	400	Ball bearing	190	140 x 110	105 x 75-80	11	60
LX-PO 160G	BX-PO 160G	LX-PO 160G-FI	160	50	400	Plain bore	195	140 x 110	105 x 75-80	11	60
LX-PO 160XR	BX-PO 160XR	LX-PO 160XR-FI	160	50	400	Roller bearing	195	140 x 110	105 x 75-80	11	60
LX-PO 160XK	BX-PO 160XK	LX-PO 160XK-FI	160	50	400	Ball bearing	195	140 x 110	105 x 75-80	11	60
LX-PO 200G	BX-PO 200G	LX-PO 200G-FI	200	50	400	Plain bore	235	140 x 110	105 x 75-80	11	65
LX-PO 200XR	BX-PO 200XR	LX-PO 200XR-FI	200	50	400	Roller bearing	235	140 x 110	105 x 75-80	11	65
LX-PO 200XK	BX-PO 200XK	LX-PO 200XK-FI	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65

**Options**



	Electrically conductive version, non-marking grey	With 'stop-top' brake	Directional lock (retro-fit) 1 x 360°, stainless *	With synthetic foot guard
Technical description page	36, 40	80	83	84
Product code suffix	-ELS	-ST	RI-03.01-KX	-FP
Available for	upon request	all sizes	wheel Ø 100-125 mm	wheel Ø 125 mm upon request

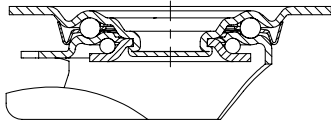
\* Only for swivel castors without brake

Series: LEX-POW, BX-POW

## Stainless steel castors with top plate fitting, with noise absorbing nylon wheel

150 kg

RoHS



**Brackets:** LEX/BX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/ AISI 304), swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

All parts incl. axle material are corrosion-resistant.

Bolted wheel axle.

Vibration-ground finished.

Bracket overview: Page 70

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POW series - Made of high-quality, impact-resistant nylon, 70° shore D, white, with elastic solid rubber damping ring, red.

Bearing types: Stainless steel roller bearing or a centrally encapsulated, sealed ball bearing (C), both with synthetic thread guard. Ball bearing (C) with additional ball bearing seals as standard.

Detailed description: Page 288 and 49

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LEX-POW 100XR-FK	BX-POW 100XR-FK	LEX-POW 100XR-FI-FK	100	35	150	Roller bearing	125	100 x 85	80 x 60	9	36
LEX-POW 100KD-FK	BX-POW 100KD-FK	LEX-POW 100KD-FI-FK	100	35	150	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LEX-POW 125XR-FK	BX-POW 125XR-FK	LEX-POW 125XR-FI-FK	125	35	150	Roller bearing	150	100 x 85	80 x 60	9	40
LEX-POW 125KD-FK	BX-POW 125KD-FK	LEX-POW 125KD-FI-FK	125	35	150	Ball bearing (C)	150	100 x 85	80 x 60	9	40

### Options



Directional lock (retro-fit) 1 x 360°, stainless *	With synthetic foot guard
Technical description page	83
Product code suffix	RI-03.01-KX
Available for	all sizes
	With synthetic foot guard
	wheel Ø 125 mm upon request

\* Only for swivel castors without brake

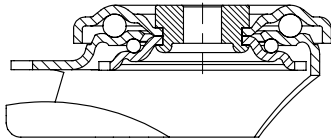


Series: LEXR-POW

**Stainless steel castors with bolt hole fitting, with noise absorbing nylon wheel**

150 kg

RoHS



**Brackets:** LEXR series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

All parts incl. axle material are corrosion-resistant.  
Bolted wheel axle.  
Vibration-ground finished.  
Bracket overview: Page 70  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POW series - Made of high-quality, impact-resistant nylon, 70° shore D, white, with elastic solid rubber damping ring, red.

Bearing types: Stainless steel roller bearing or a centrally encapsulated, sealed ball bearing (C), both with synthetic thread guard. Ball bearing (C) with additional ball bearing seals as standard.

Detailed description: Page 288 and 49

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LEXR-POW 100XR-FK	LEXR-POW 100XR-FI-FK	100	35	150	Roller bearing	125	70	13	36
LEXR-POW 100KD-FK	LEXR-POW 100KD-FI-FK	100	35	150	Ball bearing (C)	125	70	13	36
LEXR-POW 125XR-FK	LEXR-POW 125XR-FI-FK	125	35	150	Roller bearing	150	70	13	40
LEXR-POW 125KD-FK	LEXR-POW 125KD-FI-FK	125	35	150	Ball bearing (C)	150	70	13	40

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**Options**



With synthetic foot guard

Technical description page 84

Product code suffix -FP

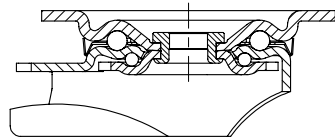
Available for wheel Ø 125 mm upon request

Series: LKX-SPO, BKX-SPO

## Stainless steel heavy duty castors with top plate fitting, with heavy duty nylon wheel

350 - 800 kg

RoHS



**Brackets:** LKX/BKX series - Made of heavy pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 125x50 - 200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

All parts incl. axle material are corrosion-resistant. Bolted wheel axle. Vibration-ground finished.

Bracket overview: Page 71  
Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** SPO series - Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white.

Bearing types: Plain bore or two pressed-in, stainless steel ball bearings.

Detailed description: Page 300, 301 and 49

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKX-SPO 80G	BKX-SPO 80G	LKX-SPO 80G-FI	80	37	350	Plain bore	110	100 x 85	80 x 60	9	40
LKX-SPO 80XK	BKX-SPO 80XK	LKX-SPO 80XK-FI	80	37	350	Ball bearing	110	100 x 85	80 x 60	9	40
LKX-SPO 100G-1	BKX-SPO 100G-1	LKX-SPO 100G-1-FI	100	37	350	Plain bore	130	100 x 85	80 x 60	9	45
LKX-SPO 100XK-1	BKX-SPO 100XK-1	LKX-SPO 100XK-1-FI	100	37	350	Ball bearing	130	100 x 85	80 x 60	9	45
LKX-SPO 125G-1	BKX-SPO 125G-1	LKX-SPO 125G-1-FI	125	40	350	Plain bore	155	100 x 85	80 x 60	9	48
LKX-SPO 125XK-1	BKX-SPO 125XK-1	LKX-SPO 125XK-1-FI	125	40	350	Ball bearing	155	100 x 85	80 x 60	9	48
LKX-SPO 125G-3	BKX-SPO 125G-3	LKX-SPO 125G-3-FI	125	40	350	Plain bore	155	140 x 110	105 x 75-80	11	48
LKX-SPO 125XK-3	BKX-SPO 125XK-3	LKX-SPO 125XK-3-FI	125	40	350	Ball bearing	155	140 x 110	105 x 75-80	11	48
LKX-SPO 127G	BKX-SPO 127G	LKX-SPO 127G-FI	125	50	750	Plain bore	170	140 x 110	105 x 75-80	11	55
LKX-SPO 127XK	BKX-SPO 127XK	LKX-SPO 127XK-FI	125	50	750	Ball bearing	170	140 x 110	105 x 75-80	11	55
LKX-SPO 150G	BKX-SPO 150G	LKX-SPO 150G-FI	150	50	800	Plain bore	197	140 x 110	105 x 75-80	11	63
LKX-SPO 150XK	BKX-SPO 150XK	LKX-SPO 150XK-FI	150	50	800	Ball bearing	197	140 x 110	105 x 75-80	11	63
LKX-SPO 200G	BKX-SPO 200G	LKX-SPO 200G-FI	200	50	800	Plain bore	245	140 x 110	105 x 75-80	11	65
LKX-SPO 200XK	BKX-SPO 200XK	LKX-SPO 200XK-FI	200	50	800	Ball bearing	245	140 x 110	105 x 75-80	11	65

### Options



With 'stop-top' brake

Technical description page

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Product code suffix

-ST



Available for

wheel Ø 125x50 - 200 mm

## Heat-resistant wheels and castors



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	<b>POSI/ALSI</b> Series POSI/ALSI Wheel Ø 100 - 125 mm Load capacity 80 - 120 kg Page 381	 LI-POSI/-ALSI 100 - 125 mm 100 - 120 kg Page 382	 LIR-POSI/-ALSI 100 - 125 mm 100 - 120 kg Page 383		 LIX-POSI 100 - 125 mm 100 - 120 kg Page 384	 LIXR-POSI 100 - 125 mm 100 - 120 kg Page 385	
	<b>VKHT</b> Series VKHT Wheel Ø 100 mm Load capacity 100 kg Page 386	 LI-VKHT 100 mm 100 kg Page 387			 LIX-VKHT 100 mm 100 kg Page 388		
	<b>POHI</b> Series POHI Wheel Ø 80 - 200 mm Load capacity 180 - 600 kg Page 389	 LI-POHI 80 - 200 mm 150 - 350 kg Page 390	 LIR-POHI 80 - 125 mm 150 kg Page 391	 LIK-POHI 100 - 125 mm 250 - 300 kg Page 390	 LIX-POHI 80 - 200 mm 150 - 350 kg Page 392	 LIXR-POHI 80 - 125 mm 150 kg Page 393	 LIKX-POHI 100 - 125 mm 250 - 300 kg Page 392
	<b>PHN</b> Series PHN Wheel Ø 80 - 200 mm Load capacity 100 - 500 kg Page 394	 LI-PHN 80 - 200 mm 100 - 350 kg Page 395	 LIR-PHN 80 - 125 mm 100 - 150 kg Page 396		 LIX-PHN 80 - 200 mm 100 - 350 kg Page 397	 LIXR-PHN 80 - 125 mm 100 - 150 kg Page 398	
	<b>G</b> Series G Wheel Ø 80 - 250 mm Load capacity 250 - 1400 kg Page 399	 LI-G 80 - 200 mm 150 - 350 kg Page 400		 LIK-G 100 - 125 mm 350 kg Page 400			

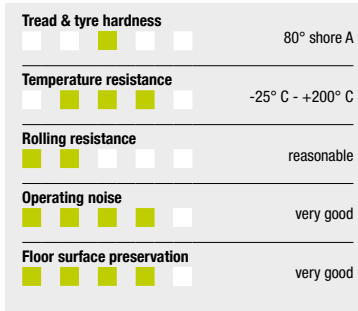
Series: VEHI

## Heat-resistant Blickle TempLine® Basic wheels with solid rubber tyres, with pressed steel rim

65 - 180 kg

-25° C - +200° C

RoHS



### VEHI-wheel series:

**Tyres:** Made of heat-resistant solid rubber, 80° shore A hardness, high operational comfort, low-noise operation, good floor preservation, high tear resistance, colour black, PAH conform in acc. to EU-directive 2005/69/EC.  
(Material description page 38)

**Rims:** Made of pressed steel, zinc-plated, blue-passivated, Cr6-free.

### Bearing type:

- Roller bearing, lubricated with special heat-resistant grease

### Other features:

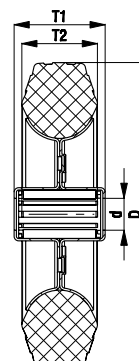
Chemical resistance to many aggressive substances, except oils (table page 36-37).

### Operating temperature: -25° C to +200° C.

With long endurance times at high temperatures, the tyres may flatten. This is quickly removed when the wheels are operated again under load.

**Wheel series overview page 52**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
<b>VEHI 100/12R</b>	100	30	65	Roller bearing	12	45
<b>VEHI 125/12R</b>	125	37.5	90	Roller bearing	12	45
<b>VEHI 160/20R</b>	160	40	120	Roller bearing	20	60
<b>VEHI 200/20R</b>	200	50	180	Roller bearing	20	60

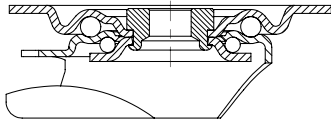




Series: LI-VEHI, B-VEHI

**Heat-resistant pressed steel castors, top plate fitting, heat-resistant Blickle TempLine® Basic wheel with solid rubber tyre**

65 - 180 kg    -25° C - +200° C    ✓RoHS



**Brackets:** LI/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 71  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VEHI series - Tyres: Made of heat-resistant solid rubber, 80° shore A, black.  
 Rims: Made of pressed steel, zinc-plated, blue-passivated, Cr6-free.  
 Bearing type: Roller bearing.  
 Detailed description: Page 378 and 52

**Operating temperature: -25° C to +200° C.**



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-VEHI 100R	B-VEHI 100R	LI-VEHI 100R-FI	100	30	65	Roller bearing	125	100 x 85	80 x 60	9	36
LI-VEHI 125R	B-VEHI 125R	LI-VEHI 125R-FI	125	37.5	90	Roller bearing	150	100 x 85	80 x 60	9	40
LI-VEHI 160R	B-VEHI 160R	LI-VEHI 160R-FI	160	40	120	Roller bearing	195	140 x 110	105 x 75-80	11	60
LI-VEHI 200R	B-VEHI 200R	LI-VEHI 200R-FI	200	50	180	Roller bearing	235	140 x 110	105 x 75-80	11	65

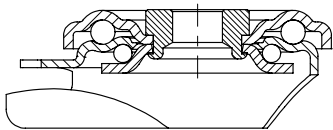
Series: LIR-VEHI

**Heat-resistant pressed steel castors, bolt hole fitting, heat-resistant Blickle TempLine® Basic wheel with solid rubber tyre**

65 - 90 kg

-25° C - +200° C

RoHS



**Blickle TempLine® Basic**

**Brackets:** LIR series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease. Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 71  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VEHI series - Tyres: Made of heat-resistant solid rubber, 80° shore A, black.  
Rims: Made of pressed steel, zinc-plated, blue-passivated, Cr6-free.  
Bearing type: Roller bearing.  
Detailed description: Page 378 and 52

**Operating temperature: -25° C to +200° C.**

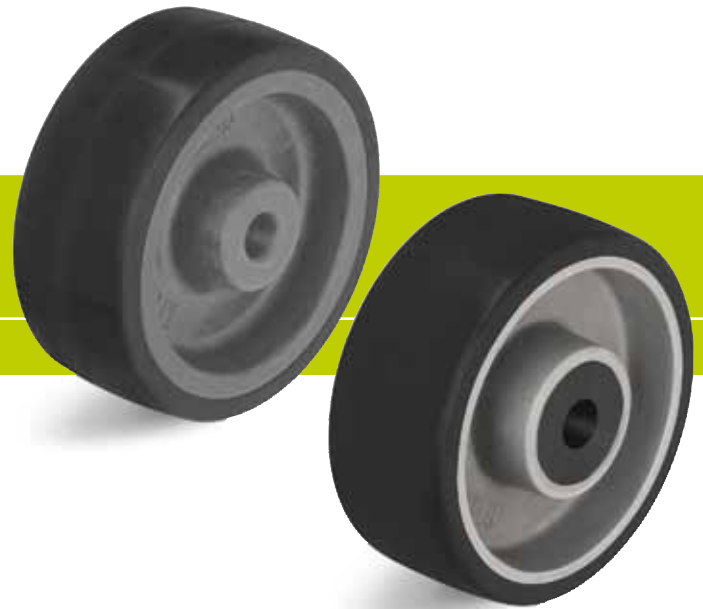


Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIR-VEHI 100R	LIR-VEHI 100R-FI	100	30	65	Roller bearing	125	70	13	36
LIR-VEHI 125R	LIR-VEHI 125R-FI	125	37.5	90	Roller bearing	150	70	13	40

Series: POSI, ALSI

## Heat-resistant Blickle TempLine® Comfort wheels with silicone rubber tread, with synthetic or aluminium wheel centre

80 - 120 kg    -25° C - +250° C    ✓RoHS



<b>Tread &amp; tyre hardness</b>	75° shore A
<b>Temperature resistance</b>	-25° C - +250° C
<b>Rolling resistance</b>	good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good



### POSI, ALSI-wheel series:

**Tread:** Made of highly heat-resistant silicone rubber, 75° shore A hardness, very high operational comfort, low-noise operation, highly elastic, very good floor preservation, abrasion resistance, characteristics that do not degrade over time, colour black, **non-marking**, vulcanised onto the wheel centre.

(Material description page 39)

**Wheel centre:** POSI series: Made of high-quality, impact-resistant and highly heat-resistant nylon, colour grey.

ALSI series: Made of die-cast aluminium.

### Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing: Two pressed-in ball bearings, lubricated with special heat-resistant grease.
- ALSI 100/8HKA: Two pressed-in ball bearings, lubricated with special heat-resistant grease, with ball bearing cover.

### Other features:

POSI series: Very high chemical resistance to many aggressive substances, **suitable for autoclaves** (material description page 39).

ALSI series: Chemical resistance to many aggressive substances (material description page 39).

### Operating temperature: -25° C to +250° C.

Furnace temperatures above +300° C can be tolerated temporarily, but the temperature at the tread must not exceed +250° C.

**Wheel series overview page 52**

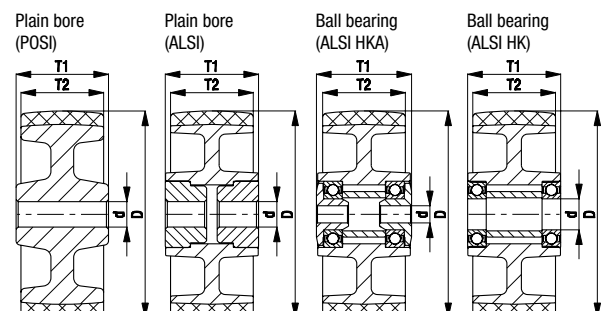
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POSI 101/12G	100	35	80	Plain bore	12	38
POSI 100/12G	100	40	100	Plain bore	12	45
ALSI 100/12G	100	40	100	Plain bore	12	45
ALSI 100/8HKA	100	40	100	Ball bearing	8	46
ALSI 100/15HK	100	40	100	Ball bearing	15	45
POSI 125/12G	125	40	120	Plain bore	12	45



### Options

	With non-marking grey tyre *	Teflon-coated stainless steel axle tube Ø 12/8x40 mm	Teflon-coated stainless steel axle tube Ø 12/8x47 mm
Technical description page	39	85	85
<b>Product code</b>	<b>-SG</b>	<b>XAT 12x40</b>	<b>XAT 12x47</b>
Available for	wheel Ø 125 mm	POSI 101/12G	plain bore versions hub length 45 mm

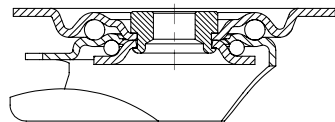
\* Operating temperature up to +240° C



Series: LI-POSI, B-POSI, LI-ALSI, B-ALSI

**Heat-resistant pressed steel castors with top plate fitting, Blickle TempLine® Comfort wheel with silicone rubber tread**

100 - 120 kg    -25° C - +250° C    ✓RoHS



**Brackets:** LI/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 71  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POSI/ALSI series - Tread: Made of highly heat-resistant silicone rubber, 75° shore A, black, **non-marking**.  
Wheel centre: POSI series: Made of high-quality, impact-resistant, highly heat-resistant nylon, grey.  
ALSI series: Made of die-cast aluminium.  
Bearing types: Plain bore or two pressed-in ball bearings lubricated with special heat-resistant grease and with ball bearing cover.  
Detailed description: Page 381 and 52

**Operating temperature: -25° C to +250° C.**



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-POSI 100G	B-POSI 100G	LI-POSI 100G-FI	100	40	100	Plain bore	125	100 x 85	80 x 60	9	36
LI-ALSI 100G	B-ALSI 100G	LI-ALSI 100G-FI	100	40	100	Plain bore	125	100 x 85	80 x 60	9	36
LI-ALSI 100HKA	B-ALSI 100HKA	LI-ALSI 100HKA-FI	100	40	100	Ball bearing	125	100 x 85	80 x 60	9	36
LI-POSI 125G	B-POSI 125G	LI-POSI 125G-FI	125	40	120	Plain bore	150	100 x 85	80 x 60	9	40

**Options**



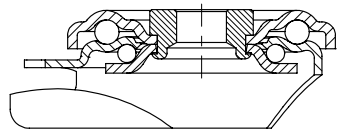
	Image LI-ALSI	With non-marking grey tyre *	With teflon-coated stainless steel axle tube
Technical description page		39	85
Product code suffix		-SG	-XAT
Available for		wheel Ø 125 mm	plain bore versions upon request

\* Operating temperature up to +240° C

Series: LIR-POSI, LIR-ALSI

**Heat-resistant pressed steel castors with bolt hole fitting, Blickle TempLine® Comfort wheel with silicone rubber tread**

100 - 120 kg -25° C - +250° C ✓RoHS



**Brackets:** LIR series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 71 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POSI/ALSI series - Tread: Made of highly heat-resistant silicone rubber, 75° shore A, black, **non-marking**. Wheel centre: POSI series: Made of high-quality, impact-resistant, highly heat-resistant nylon, grey. ALSI series: Made of die-cast aluminium. Bearing types: Plain bore or two pressed-in ball bearings lubricated with special heat-resistant grease and with ball bearing cover. Detailed description: Page 381 and 52

**Operating temperature: -25° C to +250° C.**



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIR-POSI 100G	LIR-POSI 100G-FI	100	40	100	Plain bore	125	70	13	36
LIR-ALSI 100G	LIR-ALSI 100G-FI	100	40	100	Plain bore	125	70	13	36
LIR-ALSI 100HKA	LIR-ALSI 100HKA-FI	100	40	100	Ball bearing	125	70	13	36
LIR-POSI 125G	LIR-POSI 125G-FI	125	40	120	Plain bore	150	70	13	40

**Options**



	Image LIR-ALSI	With non-marking grey tyre *	With teflon-coated stainless steel axle tube
Technical description page		39	85
Product code suffix		-SG	-XAT
Available for		wheel Ø 125 mm	plain bore versions upon request

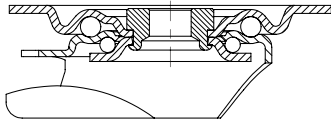
\* Operating temperature up to +240° C



Series: LIX-POSI, BX-POSI

## Heat-resistant stainless steel castors with top plate fitting, Blickle TempLine® Comfort wheel with silicone rubber tread

100 - 120 kg    -25° C - +250° C    ✓RoHS



Blickle TempLine® Comfort

**Brackets:** LIX/BX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications. For environments with strict regulations on cleanliness, hygiene and temperature resistance, the swivel head is supplied without grease ('-OF') as standard. All parts are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 72; top plate drawings: Page 77; wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POSI series - Tread: Made of highly heat-resistant silicone rubber, 75° shore A, black, **non-marking**. Wheel centre: Made of high-quality, impact-resistant, highly heat-resistant nylon, grey. Bearing type: Plain bore. Detailed description: Page 381 and 52

**Operating temperature: -25° C to +250° C.**

**Suitable for autoclaves.**



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIX-POSI 100G-OF	BX-POSI 100G	LIX-POSI 100G-FI-OF	100	40	100	Plain bore	125	100 x 85	80 x 60	9	36
LIX-POSI 125G-OF	BX-POSI 125G	LIX-POSI 125G-FI-OF	125	40	120	Plain bore	150	100 x 85	80 x 60	9	40

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### Options



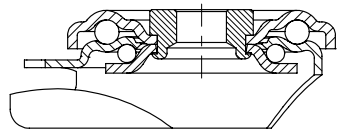
	With non-marking grey tyre *	With special heat-resistant grease -30° C to +250° C	With teflon-coated stainless steel axle tube
Technical description page	39		85
Product code suffix	<b>-SG</b>	<b>remove suffix -OF</b>	<b>-XAT</b>
Available for	wheel Ø 125 mm	swivel castors upon request	upon request

\* Operating temperature up to +240° C

Series: LIXR-POSI

**Heat-resistant stainless steel castors with bolt hole fitting, Blickle TempLine® Comfort wheel with silicone rubber tread**

100 - 120 kg -25° C - +250° C ✓RoHS



**TempLine® Comfort**

**Brackets:** LIXR series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications. For environments with strict regulations on cleanliness, hygiene and temperature resistance, the swivel head is supplied without grease ('-OF') as standard. All parts are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 72 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POSI series - Tread: Made of highly heat-resistant silicone rubber, 75° shore A, black, **non-marking**. Wheel centre: Made of high-quality, impact-resistant, highly heat-resistant nylon, grey. Bearing type: Plain bore. Detailed description: Page 381 and 52

**Operating temperature: -25° C to +250° C.**

**Suitable for autoclaves.**



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIXR-POSI 100G-OF	LIXR-POSI 100G-FI-OF	100	40	100	Plain bore	125	70	13	36
LIXR-POSI 125G-OF	LIXR-POSI 125G-FI-OF	125	40	120	Plain bore	150	70	13	40

**Options**



	With non-marking grey tyre *	With special heat-resistant grease -30° C to +250° C	With teflon-coated stainless steel axle tube
Technical description page	39		85
Product code suffix	<b>-SG</b>	<b>remove suffix -OF</b>	<b>-XAT</b>
Available for	wheel Ø 125 mm	upon request	upon request

\* Operating temperature up to +240° C

Series: VKHT

## Heat-resistant Blickle TempLine® Special wheels with solid rubber tyres, with synthetic rim

100 kg

-30° C - +260° C

✓RoHS



<b>Tread &amp; tyre hardness</b>	85° shore A
<b>Temperature resistance</b>	-30° C - +260° C
<b>Rolling resistance</b>	reasonable
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### VKHT-wheel series:

**Tyres:** Made of heat-resistant solid rubber, 85° shore A hardness, low-noise operation, good floor preservation, high tear resistance, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

(Material description page 38)

**Rims:** Made of high-quality, impact-resistant and highly heat-resistant nylon, colour black.

#### Bearing type:

- Plain bore, corrosion-resistant

#### Other features:

High chemical resistance to many aggressive substances, except oils (table page 36-37).

#### Operating temperature: -30° C to +260° C.

Furnace temperatures above +300° C can be tolerated temporarily, but the temperature at the tyre must not exceed +260° C.

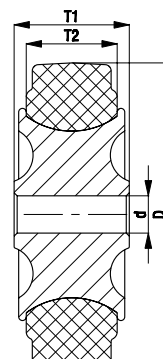
Wheel series overview page 52

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VKHT 100/12-38G	100	30	100	Plain bore	12	38
VKHT 100/12-45G	100	30	100	Plain bore	12	45

### Options



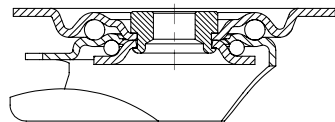
	Teflon-coated stainless steel axle tube Ø 12/8x40 mm	Teflon-coated stainless steel axle tube Ø 12/8x47 mm
Technical description page	85	85
Product code	XAT 12x40	XAT 12x47
Available for	VKHT 100/12-38G	VKHT 100/12-45G



Series: LI-VKHT

**Heat-resistant pressed steel castors, top plate fitting, heat-resistant Blickle TempLine® Special wheel with solid rubber tyre**

100 kg -30° C - +260° C ✓RoHS



**Brackets:** LI series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease, teflon-coated stainless steel axle tube.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 71  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VKHT series - Tyres: Made of heat-resistant solid rubber, 85° shore A, black.  
Rims: Made of high-quality, impact-resistant and highly heat-resistant nylon, black.  
Bearing type: Plain bore.  
Detailed description: Page 386 and 52

**Operating temperature: -30° C to +260° C.**



Swivel castor	Swivel castor with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LI-VKHT 100G	LI-VKHT 100G-FI	100	30	100	Plain bore	125	100 x 85	80 x 60	9	36

**Options**

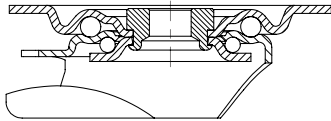


	With bolt hole, Ø 13 mm	With bolt hole, Ø 13 mm, and 'stop-fix' brake
Technical description page	71	80
Product code	LIR-VKHT 100G	LIR-VKHT 100G-FI
Available for		

Series: LIX-VKHT

**Heat-resistant stainless steel castors, top plate fitting, heat-resistant Blickle TempLine® Special wheel with solid rubber tyre**

100 kg -30° C - +260° C ✓RoHS



Blickle TempLine® Special

**Brackets:** LIX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications. For environments with strict regulations on cleanliness, hygiene and temperature resistance, the swivel head is supplied without grease ('-OF') as standard, with teflon-coated stainless steel axle tube. All parts are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 72; top plate drawings: Page 77; wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** VKHT series - Tyres: Made of heat-resistant solid rubber, 85° shore A, black. Rims: Made of high-quality, impact-resistant and highly heat-resistant nylon, black. Bearing type: Plain bore. Detailed description: Page 386 and 52

**Operating temperature: -30° C to +260° C.**



Swivel castor	Swivel castor with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LIX-VKHT 100G-OF	LIXR-VKHT 100G-FI-OF	100	30	100	Plain bore	125	100 x 85	80 x 60	9	36

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**Options**



	With bolt hole, Ø 13 mm	With bolt hole, Ø 13 mm, and 'stop-fix' brake	With special heat-resistant grease -30° C to +250° C
Technical description page	72	80	
Product code	LIXR-VKHT 100G-OF	LIXR-VKHT 100G-FI-OF	remove suffix -OF
Available for			upon request



Series: POHI

## Heat-resistant, thermoplastic Blickle TempLine® Performance wheels

180 - 600 kg

-25° C - +250° C

✓RoHS



<b>Tread &amp; tyre hardness</b>	85° shore D
<b>Temperature resistance</b>	-25° C - +250° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	reasonable
<b>Floor surface preservation</b>	reasonable

**TempLine® Performance**

### POHI-wheel series:

Made of high-quality, impact-resistant and highly heat-resistant nylon, 85° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance, colour grey, **suitable for autoclaves** (plain bore and option with stainless steel ball bearing and heat-resistant grease 'HXK'). (Material description page 40)

### Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing: Two pressed-in ball bearings, lubricated with special heat-resistant grease.

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

### Operating temperature: -25° C to +250° C.

Furnace temperatures above +300° C can be tolerated temporarily, but the temperature at the wheel must not exceed +250° C.

Wheel series overview page 52

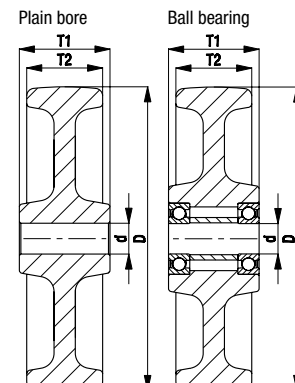
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load cap. up to +70° C [kg]	Load cap. at +170° C [kg]	Load cap. at +250° C [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POHI 81/12G	80	32	180	140	100	Plain bore	12	35
POHI 100/12-35G	100	30	200	160	120	Plain bore	12	35
POHI 100/12-45G	100	30	200	160	120	Plain bore	12	45
POHI 102/12G	100	38	250	200	150	Plain bore	12	45
POHI 102/15G	100	38	250	200	150	Plain bore	15	45
POHI 102/15HK	100	38	250	200	150	Ball bearing	15	40
POHI 125/12G	125	40	300	240	180	Plain bore	12	45
POHI 125/15G	125	40	300	240	180	Plain bore	15	45
POHI 125/15HK	125	40	350	280	210	Ball bearing	15	40
POHI 150/20G	150	50	500	400	300	Plain bore	20	60
POHI 150/20HK	150	50	500	400	300	Ball bearing	20	50
POHI 200/20G	200	50	600	480	360	Plain bore	20	60
POHI 200/20HK	200	50	600	480	360	Ball bearing	20	50

### Options



	Natural colour, temperature range -30° C to +170° C *	Teflon-coated stainless steel axle tube Ø 12/8x37 mm	Teflon-coated stainless steel axle tube Ø 12/8x47 mm	With stainless steel ball bearing and heat-resistant grease
Technical description page	40	85	85	61
<b>Product code / - Suffix</b>	<b>POH series</b>	<b>XAT 12x37</b>	<b>XAT 12x47</b>	<b>-HXK</b>
Available for	upon request	POHI 81/12G POHI 100/12-35G	POHI 100/12-45G POHI 102+125/12G	upon request

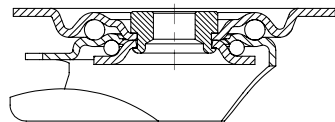
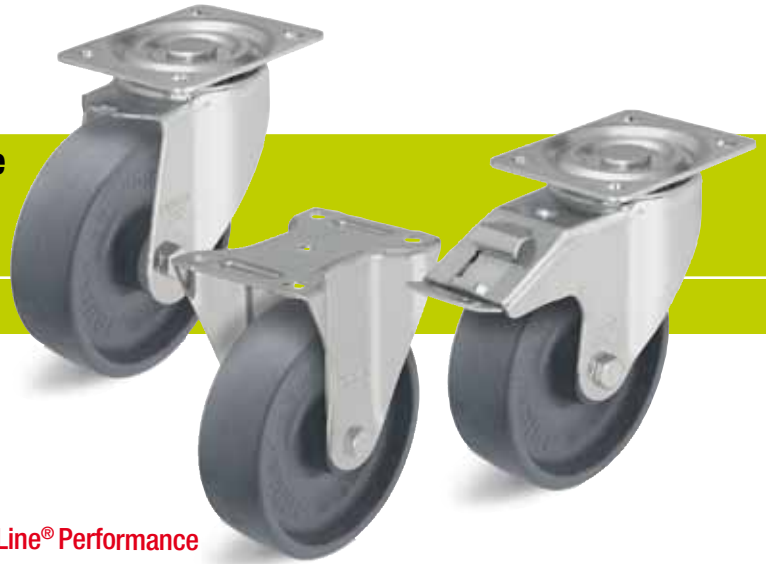
\* Operating temperature temporarily up to +220° C



Series: LI-POHI, B-POHI, LIK-POHI, BK-POHI

**Heat-resistant pressed steel castors, top plate fitting, with heat-resistant, thermoplastic Blickle TempLine® Performance wheel**

150 - 350 kg    -25° C - +250° C    ✓RoHS



**Brackets:** LI/B, LIK/BK series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design (LIK series without central kingpin, with heat-resistant swivel head seals). The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 71 and 72  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POHI series - Made of high-quality, impact-resistant, highly heat-resistant nylon, 85° shore D, grey. Bearing types: Plain bore or two pressed-in ball bearings lubricated with special heat-resistant grease. Detailed description: Page 389 and 52

**Operating temperature:** -25° C to +250° C.



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load cap. up to +70° C * [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-POHI 81G	B-POHI 81G	LI-POHI 81G-FI	80	32	150	Plain bore	102	100 x 85	80 x 60	9	38
LI-POHI 100G	B-POHI 100G	LI-POHI 100G-FI	100	30	150	Plain bore	125	100 x 85	80 x 60	9	36
LIK-POHI 102G-1	BK-POHI 102G-1	LIK-POHI 102G-1-FI	100	38	250	Plain bore	130	100 x 85	80 x 60	9	45
LIK-POHI 102HK-1	BK-POHI 102HK-1	LIK-POHI 102HK-1-FI	100	38	250	Ball bearing	130	100 x 85	80 x 60	9	45
LI-POHI 125G	B-POHI 125G	LI-POHI 125G-FI	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LIK-POHI 125G-1	BK-POHI 125G-1	LIK-POHI 125G-1-FI	125	40	300	Plain bore	155	100 x 85	80 x 60	9	48
LIK-POHI 125HK-1	BK-POHI 125HK-1	LIK-POHI 125HK-1-FI	125	40	300	Ball bearing	155	100 x 85	80 x 60	9	48
LI-POHI 150G	B-POHI 150G	LI-POHI 150G-FI	150	50	350	Plain bore	190	140 x 110	105 x 75-80	11	60
LI-POHI 150HK	B-POHI 150HK	LI-POHI 150HK-FI	150	50	350	Ball bearing	190	140 x 110	105 x 75-80	11	60
LI-POHI 200G	B-POHI 200G	LI-POHI 200G-FI	200	50	350	Plain bore	235	140 x 110	105 x 75-80	11	65
LI-POHI 200HK	B-POHI 200HK	LI-POHI 200HK-FI	200	50	350	Ball bearing	235	140 x 110	105 x 75-80	11	65

\* At higher temperatures the load capacity may be reduced, refer to page 389

19

**Options**



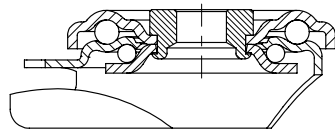
	Natural colour, temperature range -30° C to +170° C **	With teflon-coated stainless steel axle tube
Technical description page	40	85
Product code suffix	POH series	-XAT
Available for	upon request	Ø 80-125 plain bore versions upon request

\*\* Operating temperature temporarily up to +220° C

Series: LIR-POHI

**Heat-resistant pressed steel castors, bolt hole fitting, with heat-resistant, thermoplastic Blickle TempLine® Performance wheel**

150 kg -25° C - +250° C ✓RoHS



**Brackets:** LIR series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 71 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POHI series - Made of high-quality, impact-resistant, highly heat-resistant nylon, 85° shore D, grey. Bearing types: Plain bore or two pressed-in ball bearings lubricated with special heat-resistant grease. Detailed description: Page 389 and 52

**Operating temperature:** -25° C to +250° C.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load cap. up to +70° C * [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIR-POHI 81G	LIR-POHI 81G-FI	80	32	150	Plain bore	102	70	13	38
LIR-POHI 100G	LIR-POHI 100G-FI	100	30	150	Plain bore	125	70	13	36
LIR-POHI 102G	LIR-POHI 102G-FI	100	38	150	Plain bore	125	70	13	36
LIR-POHI 102HK	LIR-POHI 102HK-FI	100	38	150	Ball bearing	125	70	13	36
LIR-POHI 125G	LIR-POHI 125G-FI	125	40	150	Plain bore	150	70	13	40
LIR-POHI 125HK	LIR-POHI 125HK-FI	125	40	150	Ball bearing	150	70	13	40

\* At higher temperatures the load capacity may be reduced, refer to page 389

**Options**



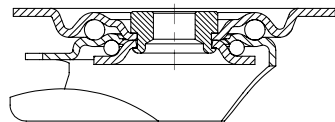
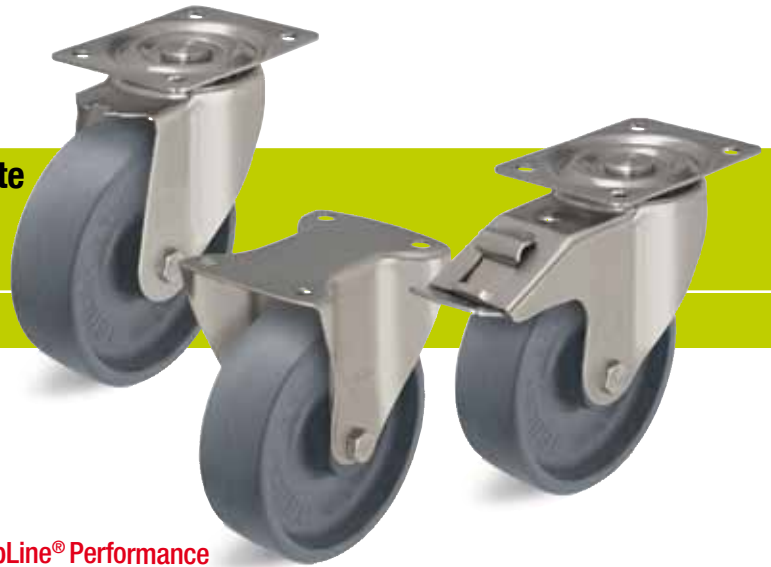
	Natural colour, temperature range -30° C to +170° C **	With teflon-coated stainless steel axle tube
Technical description page	40	85
Product code suffix	POH series	-XAT
Available for	upon request	plain bore versions upon request

\*\* Operating temperature temporarily up to +220° C

Series: LIX-POHI, BX-POHI, LIKX-POHI, BKX-POHI

## Heat-resistant stainless steel castors, top plate fitting, with heat-resistant, thermoplastic Blickle TempLine® Performance wheel

150 - 350 kg -25° C - +250° C ✓RoHS



Blickle TempLine® Performance

**Brackets:** LIX/BX, LIKX/BKX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin (LIX series). The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease. All parts are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 72 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POHI series - Made of high-quality, impact-resistant, highly heat-resistant nylon, 85° shore D, grey. Bearing types: Plain bore or two pressed-in, stainless steel ball bearings lubricated with special heat-resistant grease. Detailed description: Page 389 and 52

**Operating temperature:** -25° C to +250° C.

**Suitable for autoclaves.**



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load cap. up to +70° C * [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIX-POHI 81G	BX-POHI 81G	LIX-POHI 81G-FI	80	32	150	Plain bore	102	100 x 85	80 x 60	9	38
LIX-POHI 100G	BX-POHI 100G	LIX-POHI 100G-FI	100	30	150	Plain bore	125	100 x 85	80 x 60	9	36
LIKX-POHI 102G-1	BKX-POHI 102G-1	LIKX-POHI 102G-1-FI	100	38	250	Plain bore	130	100 x 85	80 x 60	9	45
LIKX-POHI 102HXX-1	BKX-POHI 102HXX-1	LIKX-POHI 102HXX-1-FI	100	38	250	Ball bearing	130	100 x 85	80 x 60	9	45
LIX-POHI 125G	BX-POHI 125G	LIX-POHI 125G-FI	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LIKX-POHI 125G-1	BKX-POHI 125G-1	LIKX-POHI 125G-1-FI	125	40	300	Plain bore	155	100 x 85	80 x 60	9	48
LIKX-POHI 125HXX-1	BKX-POHI 125HXX-1	LIKX-POHI 125HXX-1-FI	125	40	300	Ball bearing	155	100 x 85	80 x 60	9	48
LIX-POHI 150G	BX-POHI 150G	LIX-POHI 150G-FI	150	50	350	Plain bore	190	140 x 110	105 x 75-80	11	60
LIX-POHI 150HXX	BX-POHI 150HXX	LIX-POHI 150HXX-FI	150	50	350	Ball bearing	190	140 x 110	105 x 75-80	11	60
LIX-POHI 200G	BX-POHI 200G	LIX-POHI 200G-FI	200	50	350	Plain bore	235	140 x 110	105 x 75-80	11	65
LIX-POHI 200HXX	BX-POHI 200HXX	LIX-POHI 200HXX-FI	200	50	350	Ball bearing	235	140 x 110	105 x 75-80	11	65

\* At higher temperatures the load capacity may be reduced, refer to page 389

### Options



	Natural colour, temperature range -30° C to +170° C **	Swivel head without grease, very smooth running performance	With teflon-coated stainless steel axle tube
Technical description page	40		85
Product code suffix	POH series	-OF	-XAT
Available for	upon request	LIX series wheel Ø 100 mm	Ø 80-125 plain bore versions upon request

\*\* Operating temperature temporarily up to +220° C

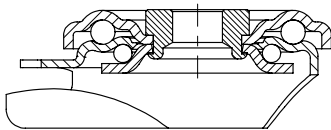
Series: LIXR-POHI

## Heat-resistant stainless steel castors, bolt hole fitting, with heat-resistant, thermoplastic Blickle TempLine® Performance wheel

150 kg

-25° C - +250° C

✓RoHS



Blickle TempLine® Performance

**Brackets:** LIXR series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease. All parts are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 72 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POHI series - Made of high-quality, impact-resistant, highly heat-resistant nylon, 85° shore D, grey. Bearing types: Plain bore or two pressed-in, stainless steel ball bearings lubricated with special heat-resistant grease. Detailed description: Page 389 and 52

**Operating temperature:** -25° C to +250° C.

**Suitable for autoclaves.**



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load cap. up to +70° C* [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIXR-POHI 81G	LIXR-POHI 81G-FI	80	32	150	Plain bore	102	70	13	38
LIXR-POHI 100G	LIXR-POHI 100G-FI	100	30	150	Plain bore	125	70	13	36
LIXR-POHI 102G	LIXR-POHI 102G-FI	100	38	150	Plain bore	125	70	13	36
LIXR-POHI 102HKK	LIXR-POHI 102HKK-FI	100	38	150	Ball bearing	125	70	13	36
LIXR-POHI 125G	LIXR-POHI 125G-FI	125	40	150	Plain bore	150	70	13	40
LIXR-POHI 125HKK	LIXR-POHI 125HKK-FI	125	40	150	Ball bearing	150	70	13	40

\* At higher temperatures the load capacity may be reduced, refer to page 389

### Options



	Natural colour, temperature range -30° C to +170° C**	Swivel head without grease, very smooth running performance	With teflon-coated stainless steel axle tube
Technical description page	40		85
Product code suffix	POH series	-OF	-XAT
Available for	upon request	wheel Ø 100 mm	plain bore versions upon request

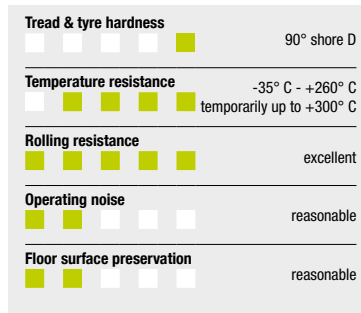
\*\* Operating temperature temporarily up to +220° C



Series: PHN

## Heat-resistant Blickle TempLine® Classic thermoset wheels

100 - 500 kg    -35° C - +260° C    ✓RoHS



### PHN-wheel series:

Made of phenolic resin, 90° shore D hardness, very high static load capacity, smooth running performance on even floors, colour black. (Material description page 40)

### Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing ('HK'): Two pressed-in ball bearings, lubricated with special heat-resistant grease.
- Ball bearing ('IK'): Two pressed-in, special heat-resistant ball bearings (oven bearings).

### Other features:

High chemical resistance to many aggressive substances (material description page 40).

### Operating temperature:

- Plain bore version: -35° C to +260° C, temporarily up to +300° C
- Ball bearing version ('HK'): -25° C to +250° C
- Ball bearing version ('IK'): -30° C to +260° C

Wheels are only conditionally suitable for uneven floors and crossing thresholds due to the abrasive effect on the material and the limited mechanical stability of phenolic resin.

Wheel series overview page 53

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PHN 81/12G	80	32	100	Plain bore	12	35
PHN 80/12G	80	35	110	Plain bore	12	40
PHN 100/12-35G	100	30	125	Plain bore	12	35
PHN 100/12-45G	100	30	125	Plain bore	12	45
PHN 102/12G	100	38	200	Plain bore	12	45
PHN 102/15G	100	38	200	Plain bore	15	45
PHN 102/15HK	100	38	200	Ball bearing	15	40
PHN 102/15IK	100	38	200	Ball bearing	15	40
PHN 125/12G	125	40	200	Plain bore	12	45
PHN 125/15G	125	40	200	Plain bore	15	45
PHN 125/15HK	125	40	200	Ball bearing	15	40
PHN 125/15IK	125	40	200	Ball bearing	15	40
PHN 150/20G	150	50	300	Plain bore	20	60
PHN 150/20HK	150	50	300	Ball bearing	20	50
PHN 150/20IK	150	50	300	Ball bearing	20	50
PHN 200/20G *	200	50	500	Plain bore	20	60

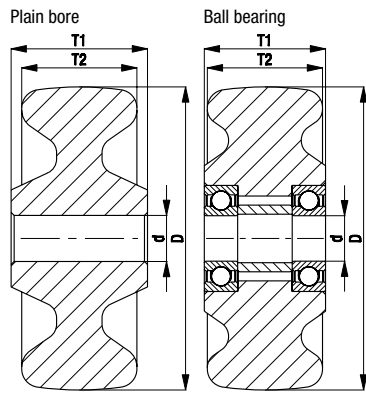
\* Operating temperature: -30° C to +230° C

19



### Options

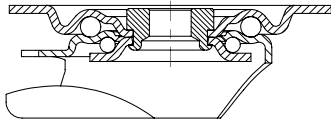
	Teflon-coated stainless steel axle tube Ø 12/8x37 mm	Teflon-coated stainless steel axle tube Ø 12/8x47 mm
Technical description page	85	85
Product code	XAT 12x37	XAT 12x47
Available for	PHN 81/12G PHN 100/12-35G	PHN 100/12-45G PHN 102 + 125/12G



Series: LI-PHN, B-PHN

**Heat-resistant pressed steel castors with top plate fitting, with heat-resistant Blickle TempLine® Classic thermoset wheel**

100 - 350 kg -35° C - +260° C ✓RoHS



**Brackets:** LI/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease.  
Plain bore versions (wheel Ø 80-125 mm) with teflon-coated stainless steel axle tube.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 71  
Top plate drawings: Page 77

**Wheels:** PHN series - Made of phenolic resin, 90° shore D, black.  
Bearing types: Plain bore, two pressed-in ball bearings ('HK') lubricated with special heat-resistant grease or two pressed-in oven bearings ('IK').  
Detailed description: Page 394 and 53

**Operating temperature: -35° C to +260° C, temporarily up to +300° C.**



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-PHN 81G	B-PHN 81G	80	32	100	Plain bore	102	100 x 85	80 x 60	9	38
LI-PHN 100G	B-PHN 100G	100	30	125	Plain bore	125	100 x 85	80 x 60	9	36
LI-PHN 102G	B-PHN 102G	100	38	150	Plain bore	125	100 x 85	80 x 60	9	36
LI-PHN 102HK *	B-PHN 102HK *	100	38	150	Ball bearing	125	100 x 85	80 x 60	9	36
LI-PHN 102IK	B-PHN 102IK	100	38	150	Ball bearing	125	100 x 85	80 x 60	9	36
LI-PHN 125G	B-PHN 125G	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LI-PHN 125HK *	B-PHN 125HK *	125	40	150	Ball bearing	150	100 x 85	80 x 60	9	40
LI-PHN 125IK	B-PHN 125IK	125	40	150	Ball bearing	150	100 x 85	80 x 60	9	40
LI-PHN 150G	B-PHN 150G	150	50	300	Plain bore	190	140 x 110	105 x 75-80	11	60
LI-PHN 150HK *	B-PHN 150HK *	150	50	300	Ball bearing	190	140 x 110	105 x 75-80	11	60
LI-PHN 150IK	B-PHN 150IK	150	50	300	Ball bearing	190	140 x 110	105 x 75-80	11	60
LI-PHN 200G **	B-PHN 200G **	200	50	350	Plain bore	235	140 x 110	105 x 75-80	11	65

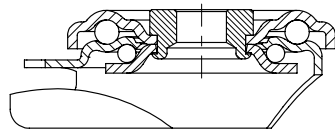
\* Operating temperature: -25° C to +250° C

\*\* Operating temperature: -30° C to +230° C

Series: LIR-PHN

**Heat-resistant pressed steel castors with bolt hole fitting, with heat-resistant Blickle TempLine® Classic thermoset wheel**

100 - 150 kg -35° C - +260° C ✓RoHS



**Brackets:** LIR series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease. Plain bore versions with teflon-coated stainless steel axle tube.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 71

**Wheels:** PHN series - Made of phenolic resin, 90° shore D, black.  
Bearing types: Plain bore, two pressed-in ball bearings ('HK') lubricated with special heat-resistant grease or two pressed-in oven bearings ('IK').  
Detailed description: Page 394 and 53

**Operating temperature: -35° C to +260° C, temporarily up to +300° C.**



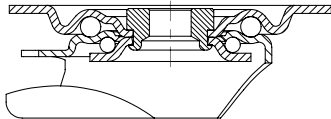
Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIR-PHN 81G	80	32	100	Plain bore	102	70	13	38
LIR-PHN 100G	100	30	125	Plain bore	125	70	13	36
LIR-PHN 102G	100	38	150	Plain bore	125	70	13	36
LIR-PHN 102HK *	100	38	150	Ball bearing	125	70	13	36
LIR-PHN 102IK	100	38	150	Ball bearing	125	70	13	36
LIR-PHN 125G	125	40	150	Plain bore	150	70	13	40
LIR-PHN 125HK *	125	40	150	Ball bearing	150	70	13	40
LIR-PHN 125IK	125	40	150	Ball bearing	150	70	13	40

\* Operating temperature: -25° C to +250° C

Series: LIX-PHN, BX-PHN

## Heat-resistant stainless steel castors with top plate fitting, with heat-resistant Blickle TempLine® Classic thermoset wheel

100 - 350 kg -35° C - +260° C ✓RoHS



Blickle TempLine® Classic

**Brackets:** LIX/BX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease.  
 Wheel Ø 80-125 mm with teflon-coated stainless steel axle tube. All parts are corrosion-resistant.  
 Bolted wheel axle.  
 Vibration-ground finished.  
 Bracket overview: Page 72  
 Top plate drawings: Page 77

**Wheels:** PHN series - Made of phenolic resin, 90° shore D, black.  
 Bearing type: Plain bore.  
 Detailed description: Page 394 and 53

**Operating temperature:** -35° C to +260° C, temporarily up to +300° C.



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIX-PHN 81G	BX-PHN 81G	80	32	100	Plain bore	102	100 x 85	80 x 60	9	38
LIX-PHN 100G	BX-PHN 100G	100	30	125	Plain bore	125	100 x 85	80 x 60	9	36
LIX-PHN 102G	BX-PHN 102G	100	38	150	Plain bore	125	100 x 85	80 x 60	9	36
LIX-PHN 125G	BX-PHN 125G	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LIX-PHN 150G	BX-PHN 150G	150	50	300	Plain bore	190	140 x 110	105 x 75-80	11	60
LIX-PHN 200G *	BX-PHN 200G *	200	50	350	Plain bore	235	140 x 110	105 x 75-80	11	65

\* Operating temperature: -30° C to +230° C

### Options



Swivel head without grease, very smooth running performance

Technical description page

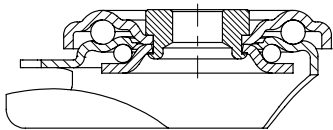
Product code suffix **-OF**

Available for wheel Ø 100 mm

Series: LIXR-PHN

**Heat-resistant stainless steel castors with bolt hole fitting, with heat-resistant Blickle TempLine® Classic thermoset wheel**

100 - 150 kg -35° C - +260° C ✓RoHS



Blickle TempLine® Classic

**Brackets:** LIXR series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease.  
 With teflon-coated stainless steel axle tube.  
 All parts are corrosion-resistant.  
 Bolted wheel axle.  
 Vibration-ground finished.  
 Bracket overview: Page 72

**Wheels:** PHN series - Made of phenolic resin, 90° shore D, black.  
 Bearing type: Plain bore.  
 Detailed description: Page 394 and 53

**Operating temperature:** -35° C to +260° C, temporarily up to +300° C.



Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIXR-PHN 81G	80	32	100	Plain bore	102	70	13	38
LIXR-PHN 100G	100	30	125	Plain bore	125	70	13	36
LIXR-PHN 102G	100	38	150	Plain bore	125	70	13	36
LIXR-PHN 125G	125	40	150	Plain bore	150	70	13	40

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**Options**



Swivel head without grease, very smooth running performance

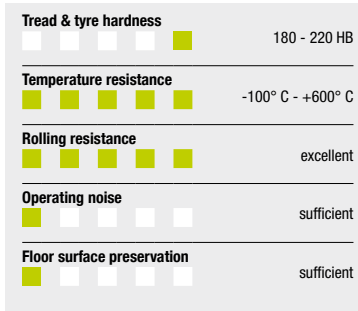
Technical description page	
Product code suffix	<b>-OF</b>
Available for	wheel Ø 100 mm



Series: G

## Cast iron wheels

250 - 1400 kg    -100° C - +600° C    ✓RoHS



### G-wheel series:

Made of rugged grey cast iron, machined tread and tread edges, with grease nipple, exceptionally low rolling and swivel resistance, outstanding wear resistance, lacquered, colour silver. (Material description page 40)

### Bearing types:

- Plain bore
- Ball bearing: Two pressed-in, special heat-resistant ball bearings (oven bearings).

### Other features:

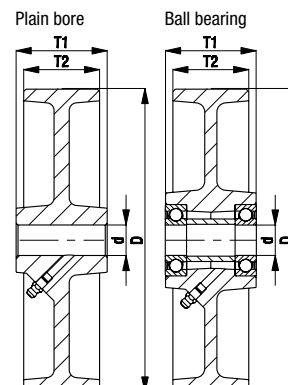
For chemical resistance refer to material description page 40.

### Operating temperature:

- Plain bore version: -100° C to +600° C
  - Ball bearing version: -30° C to +300° C
- For plain bore versions, a temperature specific grease must be regularly applied. The relatively high floor pressure should be considered for pressure-sensitive floors.

Wheel series overview page 50

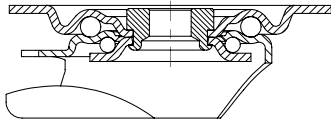
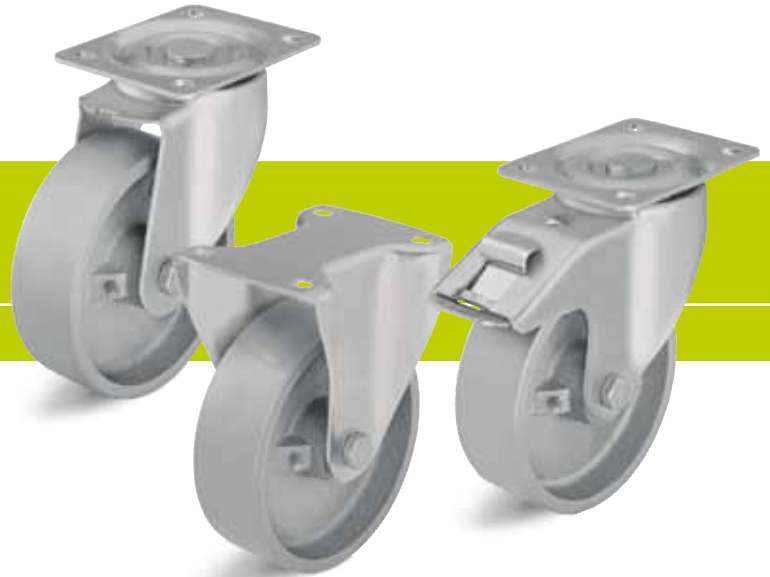
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load cap. up to +70° C [kg]	Load cap. at +300° C [kg]	Load cap. at +600° C [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
G 80/12G	80	25	250	200	130	Plain bore	12	35
G 100/15G	100	35	400	320	220	Plain bore	15	45
G 100/15IK	100	35	400	320	-	Ball bearing	15	40
G 125/15G	125	35	450	360	250	Plain bore	15	45
G 125/15IK	125	35	450	360	-	Ball bearing	15	45
G 127/20G	125	50	750	600	430	Plain bore	20	60
G 127/20IK	125	50	750	370	-	Ball bearing	20	60
G 150/20G	150	50	900	720	520	Plain bore	20	60
G 150/20IK	150	50	900	450	-	Ball bearing	20	60
G 200/20G	200	50	1100	880	630	Plain bore	20	60
G 200/20IK	200	50	1000	500	-	Ball bearing	20	60
G 250/25G	250	60	1400	1100	800	Plain bore	25	65
G 250/25IK	250	60	1300	650	-	Ball bearing	25	70



Series: LI-G, BI-G, LIK-G, BIK-G

## Heat-resistant pressed steel castors with top plate fitting, with cast iron wheel

150 - 350 kg -30° C - +270° C ✓RoHS



**Brackets:** LI/BI, LIK/BIK series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design (LIK series without central kingpin, with heat-resistant swivel head seals). The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease.

Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview: Page 71 and 72

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** G series - Made of grey cast iron, with grease nipple, lacquered, silver.

Bearing types: Plain bore or two pressed-in oven bearings ('IK').

Detailed description: Page 399 and 50

**Operating temperature: -30° C to +270° C, temporarily up to +300° C.**

For plain bore versions, a temperature specific grease must be regularly applied.

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load cap. up to +70° C * [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-G 80G	BI-G 80G	LI-G 80G-FI	80	25	150	Plain bore	102	100 x 85	80 x 60	9	38
LI-G 100G	BI-G 100G	LI-G 100G-FI	100	35	150	Plain bore	125	100 x 85	80 x 60	9	36
LI-G 100IK	BI-G 100IK	LI-G 100IK-FI	100	35	150	Ball bearing	125	100 x 85	80 x 60	9	36
LIK-G 100G-1	BIK-G 100G-1	LIK-G 100G-1-FI	100	35	350	Plain bore	130	100 x 85	80 x 60	9	45
LIK-G 100IK-1	BIK-G 100IK-1	LIK-G 100IK-1-FI	100	35	350	Ball bearing	130	100 x 85	80 x 60	9	45
LI-G 125G	BI-G 125G	LI-G 125G-FI	125	35	150	Plain bore	150	100 x 85	80 x 60	9	40
LI-G 125IK	BI-G 125IK	LI-G 125IK-FI	125	35	150	Ball bearing	150	100 x 85	80 x 60	9	40
LIK-G 125G-1	BIK-G 125G-1	LIK-G 125G-1-FI	125	35	350	Plain bore	155	100 x 85	80 x 60	9	48
LIK-G 125IK-1	BIK-G 125IK-1	LIK-G 125IK-1-FI	125	35	350	Ball bearing	155	100 x 85	80 x 60	9	48
LI-G 150G	BI-G 150G	LI-G 150G-FI	150	50	350	Plain bore	190	140 x 110	105 x 75-80	11	60
LI-G 150IK	BI-G 150IK	LI-G 150IK-FI	150	50	350	Ball bearing	190	140 x 110	105 x 75-80	11	60
LI-G 200G	BI-G 200G	LI-G 200G-FI	200	50	350	Plain bore	235	140 x 110	105 x 75-80	11	65
LI-G 200IK	BI-G 200IK	LI-G 200IK-FI	200	50	350	Ball bearing	235	140 x 110	105 x 75-80	11	65

\* At higher temperatures the load capacity may be reduced, refer to page 399

























## Spring-loaded heavy duty castors



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## Table of Contents

		LHF	LPFE	LSFN	LSFE
	<b>ALEV</b> Series ALEV Wheel Ø 100 - 250 mm Load capacity 200 - 650 kg Page 171	 LHF-ALEV 100 - 200 mm 200 - 500 kg Page 404	 LPFE-ALEV 100 - 150 mm 200 - 400 kg Page 405		
	<b>SE</b> Series SE Wheel Ø 80 - 415 mm Load capacity 200 - 1150 kg Page 180			 LSFN-SE 160 - 300 mm 450 - 1000 kg Page 406	 LSFE-SE 160 - 250 mm 450 - 1000 kg Page 407
	<b>ALST</b> Series ALST Wheel Ø 80 - 300 mm Load capacity 180 - 1150 kg Page 222	 LHF-ALST 100 - 200 mm 300 - 700 kg Page 408			
	<b>GST</b> Series GST Wheel Ø 125 - 300 mm Load capacity 450 - 1800 kg Page 229			 LSFN-GST 160 - 300 mm 600 - 1800 kg Page 409	 LSFE-GST 160 - 250 mm 600 - 1400 kg Page 410
	<b>ALBS</b> Series ALBS Wheel Ø 80 - 300 mm Load capacity 180 - 1150 kg Page 238	 LHF-ALBS 100 - 200 mm 300 - 700 kg Page 411			
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	<b>GTH</b> Series GTH Wheel Ø 100 - 1000 mm Load capacity 400 - 30000 kg Page 258/259			 LSFN-GTH 160 - 300 mm 800 - 2400 kg Page 414	 LSFE-GTH 160 - 250 mm 800 - 1800 kg Page 415
	<b>GB</b> Series GB Wheel Ø 100 - 1000 mm Load capacity 400 - 30000 kg Page 268/269			 LSFN-GB 160 - 300 mm 800 - 2400 kg Page 416	 LSFE-GB 160 - 250 mm 800 - 1800 kg Page 417



Series: LHF-ALEV, BHF-ALEV

**Pressed steel castors, heavy duty brackets, with steel spring, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

200 - 500 kg

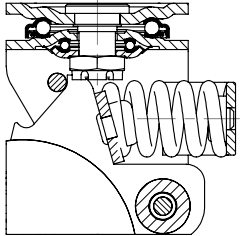
✓RoHS



**Blickle EasyRoll**

**Brackets:** LHF/BHF series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
Rugged hinged plate construction with maintenance-free steel spring mechanism.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 68  
Top plate drawings: Page 77

**Wheels:** ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
Wheel centre: Made of die-cast aluminium.  
Bearing type: Two pressed-in ball bearings.  
Detailed description: Page 171 and 45



Swivel castors	Fixed castors	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Spring tension [kg]	Initial tension [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LHF-ALEV 100K-1	BHF-ALEV 100K-1	100	40	200	200	30	19	175	100 x 85	80 x 60	9	32
LHF-ALEV 100K-3	BHF-ALEV 100K-3	100	40	200	200	30	19	175	140 x 110	105 x 75-80	11	32
LHF-ALEV 125K-1	BHF-ALEV 125K-1	125	40	250	240	30	21	200	100 x 85	80 x 60	9	45
LHF-ALEV 125K-3	BHF-ALEV 125K-3	125	40	250	240	30	21	200	140 x 110	105 x 75-80	11	45
LHF-ALEV 160K	BHF-ALEV 160K	160	50	400	400	50	25	245	140 x 110	105 x 75-80	11	65
LHF-ALEV 200K	BHF-ALEV 200K	200	50	500	400	50	25	265	140 x 110	105 x 75-80	11	65

**20 Options**



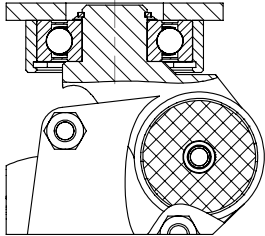
	With non-marking grey tyre	Electrically conductive version, black tyre	With 'Radstop' wheel brake
Technical description page	38	36, 38	81
Product code suffix	-SG	-EL	-RA
Available for	all sizes	upon request	upon request

Series: LPFE-ALEV, BPFE-ALEV

## Heavy duty castors with polyurethane torsion springs, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

200 - 400 kg

RoHS



**Blickle EasyRoll**

**Brackets:** LPFE/BPFE series - Sturdy steel construction, heavy duty forged fork, swivel bracket with either one or two (wheel Ø 125x50 mm or larger) sealed, lubricated for life grooved ball bearings in the swivel head. Excellent spring damper characteristics due to the patented Woodruff key design. Bolted wheel axle. Zinc-plated, yellow-passivated, Cr6-free. Bracket overview: Page 69 Top plate drawings: Page 77

**Wheels:** ALEV series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Wheel Ø 100-125x40 mm: With pressed steel thread guard, zinc-plated. Detailed description: Page 171 and 45



Swivel castors	Fixed castors	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Spring tension [kg]	Initial tension [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LPFE-ALEV 100K-FA	BPFE-ALEV 100K-FA	100	40	200	330	40	16	170	100 x 85	80 x 60	9	38
LPFE-ALEV 125K-FA	BPFE-ALEV 125K-FA	125	40	250	290	40	18	192	100 x 85	80 x 60	9	45
LPFE-ALEV 127K	BPFE-ALEV 127K	125	50	270	370	40	25	225	140 x 110	105 x 75-80	11	61
LPFE-ALEV 150K	BPFE-ALEV 150K	150	54	400	370	40	25	255	140 x 110	105 x 75-80	11	61

### Options



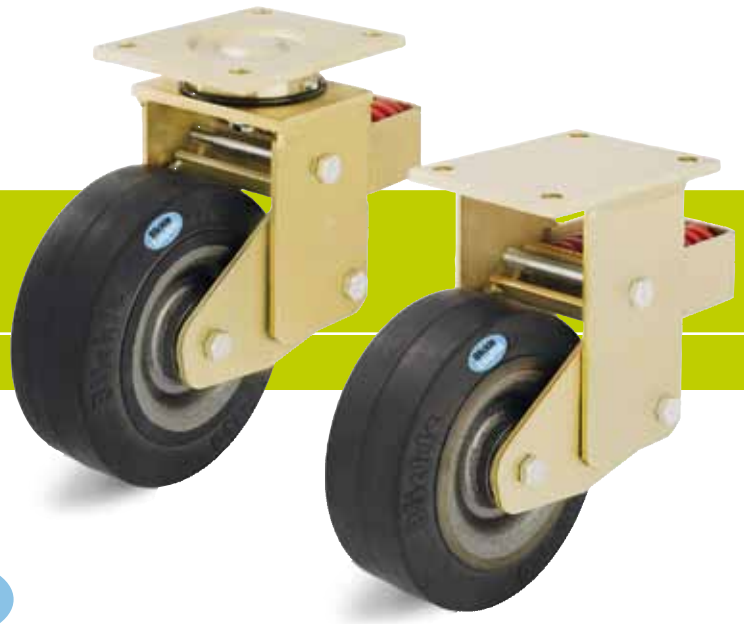
	With non-marking grey tyre	Electrically conductive version, black tyre	With stem fitting
Technical description page	38	36, 38	
Product code suffix	-SG	-EL	-ZA
Available for	all sizes	upon request	upon request

Series: LSFN-SE, BSFN-SE

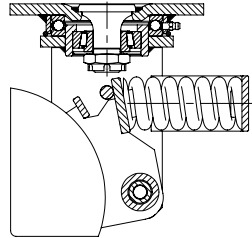
## Welded steel heavy duty castors with steel spring, wheel with elastic solid rubber tyre 'Blickle EasyRoll'

450 - 1000 kg

RoHS

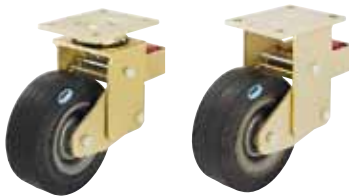


**Blickle EasyRoll**



**Brackets:** LSFN/BSFN series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central king-pin, rugged hinged plate construction with maintenance-free steel spring mechanism.  
 Bolted wheel axle.  
 Zinc-plated, yellow-passivated, Cr6-free.  
 Bracket overview: Page 69  
 Top plate drawings: Page 77 and 78

**Wheels:** SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
 Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, anthracite.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 180 and 45



Swivel castors	Fixed castors	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Spring tension [kg]	Initial tension [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LSFN-SE 160K	BSFN-SE 160K	160	50	450	400	50	25	245	140 x 110	105 x 75-80	11	100
LSFN-SE 200K	BSFN-SE 200K	200	50	600	400	50	25	265	140 x 110	105 x 75-80	11	100
LSFN-SE 202K	BSFN-SE 202K	200	80	850	570	75	25	275	175 x 140	140 x 105	14	100
LSFN-SE 250K	BSFN-SE 250K	250	60	850	570	75	25	315	175 x 140	140 x 105	14	120
LSFN-SE 252K	BSFN-SE 252K	250	80	1000	750	100	25	315	175 x 140	140 x 105	14	120
LSFN-SE 300K	BSFN-SE 300K	300	75	1000	850	100	45	395	200 x 160	160 x 120	14	120

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Options



	With non-marking grey tyre	With 'Radstop' wheel brake	With directional lock
Technical description page	38	81	83
Product code suffix	-SG	-RA	
Available for	Ø 160-200 mm, others upon request	upon request	upon request

Series: LSFE-SE, BSFE-SE

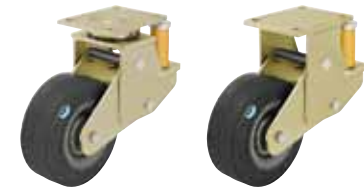
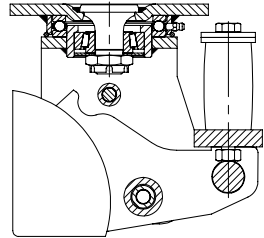
**Welded steel heavy duty castors with polyurethane spring, wheel with elastic solid rubber tyre 'Blickle EasyRoll'**

450 - 1000 kg

✓RoHS



**Blickle EasyRoll**



**Brackets:** LSFE/BSFE series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin, rugged hinged plate construction with maintenance-free elastomer spring mechanism. **The spring characteristics are adjustable by a simple elastomer spring replacement.**  
 Bolted wheel axle.  
 Zinc-plated, yellow-passivated, Cr6-free.  
 Bracket overview: Page 69  
 Top plate drawings: Page 77 and 78

**Wheels:** SE series - Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.  
 Wheel centre: Made of pressed steel, with tubular steel hub, lacquered, anthracite.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 180 and 45

Swivel castors	Fixed castors	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Spring tension [kg]	Initial tension [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LSFE-SE 160K	BSFE-SE 160K	160	50	450	300	50	25	245	140 x 110	105 x 75-80	11	100
LSFE-SE 200K	BSFE-SE 200K	200	50	600	500	50	25	265	140 x 110	105 x 75-80	11	100
LSFE-SE 202K	BSFE-SE 202K	200	80	850	700	100	25	275	175 x 140	140 x 105	14	100
LSFE-SE 250K	BSFE-SE 250K	250	60	850	700	100	25	315	175 x 140	140 x 105	14	120
LSFE-SE 252K	BSFE-SE 252K	250	80	1000	700	100	25	315	175 x 140	140 x 105	14	120



**Options**

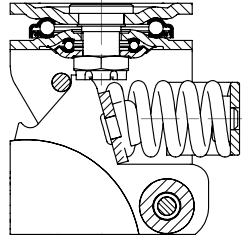
	With non-marking grey tyre	With 'Radstop' wheel brake	With directional lock	Alternative spring tension
Technical description page	38	81	83	
Product code suffix	-SG	-RA		
Available for	Ø 160-200 mm, others upon request	upon request	upon request	upon request

Series: LHF-ALST, BHF-ALST

**Pressed steel castors, heavy duty brackets, with steel spring, wheel with Blickle Softhane® polyurethane tread**

300 - 700 kg

✓RoHS



**Brackets:** LHF/BHF series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.

Rugged hinged plate construction with maintenance-free steel spring mechanism.

Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview: Page 68

Top plate drawings: Page 77

**Wheels:** ALST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining.

Wheel centre: Made of die-cast aluminium.

Bearing type: Two pressed-in ball bearings.

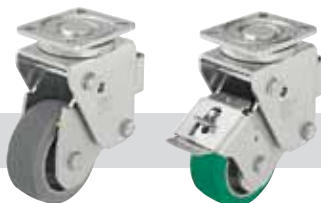
Detailed description: Page 222 and 47



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring tension [kg]	Initial tension [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LHF-ALST 100K-1	BHF-ALST 100K-1	100	40	300	200	30	19	175	100 x 85	80 x 60	9	32
LHF-ALST 100K-3	BHF-ALST 100K-3	100	40	300	200	30	19	175	140 x 110	105 x 75-80	11	32
LHF-ALST 125K-1	BHF-ALST 125K-1	125	40	350	240	30	21	200	100 x 85	80 x 60	9	45
LHF-ALST 125K-3	BHF-ALST 125K-3	125	40	350	240	30	21	200	140 x 110	105 x 75-80	11	45
LHF-ALST 160K	BHF-ALST 160K	160	50	550	570	50	25	245	140 x 110	105 x 75-80	11	65
LHF-ALST 200K	BHF-ALST 200K	200	50	700	570	50	25	265	140 x 110	105 x 75-80	11	65

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Options



Antistatic version, non-marking grey	With 'Radstop' wheel brake
Technical description page	36, 39
Product code suffix	-AS
Available for	upon request

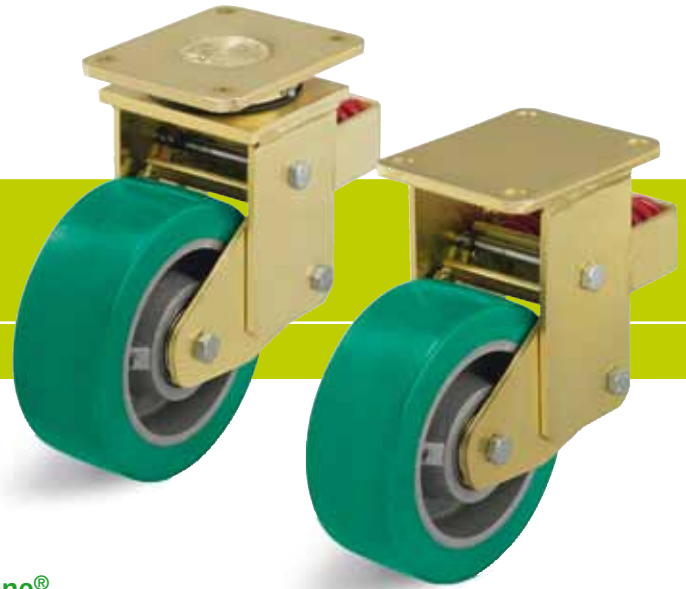
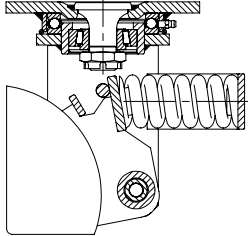


Series: LSFN-GST, BSFN-GST

## Welded steel heavy duty castors with steel spring, wheel with Blickle Softhane® polyurethane tread

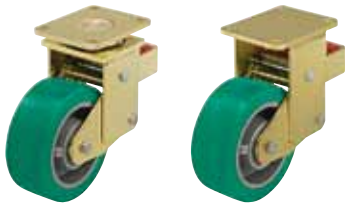
600 - 1800 kg

✓RoHS



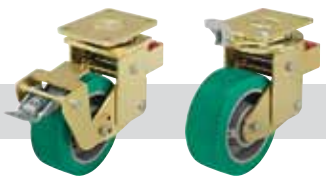
**Brackets:** LSFN/BSFN series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central king-pin, rugged hinged plate construction with maintenance-free steel spring mechanism.  
 Bolted wheel axle.  
 Zinc-plated, yellow-passivated, Cr6-free.  
 Bracket overview: Page 69  
 Top plate drawings: Page 77 and 78

**Wheels:** GST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining.  
 Wheel centre: Made of rugged grey cast iron, with grease nipple, lacquered, silver.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 229 and 47



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring tension [kg]	Initial tension [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LSFN-GST 160K	BSFN-GST 160K	160	50	600	570	75	25	245	140 x 110	105 x 75-80	11	100
LSFN-GST 200K	BSFN-GST 200K	200	50	800	570	75	25	265	140 x 110	105 x 75-80	11	100
LSFN-GST 202K	BSFN-GST 202K	200	80	1200	750	100	25	275	175 x 140	140 x 105	14	100
LSFN-GST 250K	BSFN-GST 250K	250	60	1200	750	100	25	315	175 x 140	140 x 105	14	120
LSFN-GST 252K	BSFN-GST 252K	250	80	1400	1000	150	45	370	200 x 160	160 x 120	14	120
LSFN-GST 302K	BSFN-GST 302K	300	80	1800	1000	150	45	395	200 x 160	160 x 120	14	120

### Options



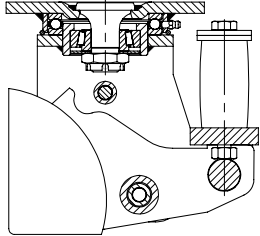
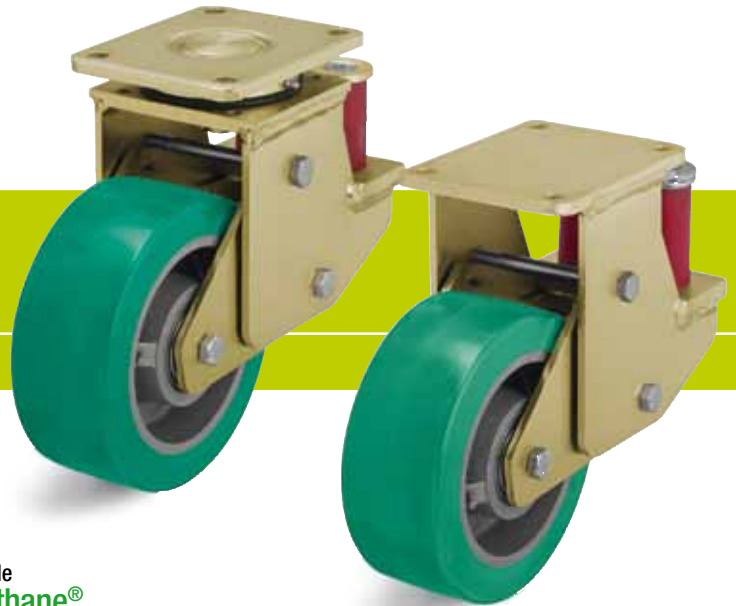
	With 'Radstop' wheel brake	With directional lock
Technical description page	81	83
Product code suffix	-RA	
Available for	upon request	upon request

Series: LSFE-GST, BSFE-GST

**Welded steel heavy duty castors with polyurethane spring, wheel with Blickle Softhane® polyurethane tread**

600 - 1400 kg

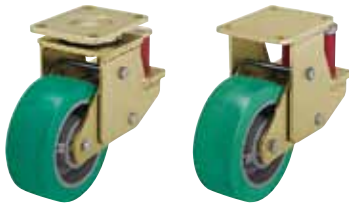
RoHS



**Brackets:** LSFE/BSFE series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin, rugged hinged plate construction with maintenance-free elastomer spring mechanism. **The spring characteristics are adjustable by a simple elastomer spring replacement.**

**Wheels:** GST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining. Wheel centre: Made of rugged grey cast iron, with grease nipple, lacquered, silver. Bearing type: Two pressed-in ball bearings. Detailed description: Page 229 and 47

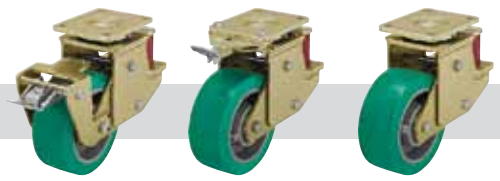
Bolted wheel axle.  
Zinc-plated, yellow-passivated, Cr6-free.  
Bracket overview: Page 69  
Top plate drawings: Page 77 and 78



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring tension [kg]	Initial tension [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LSFE-GST 160K	BSFE-GST 160K	160	50	600	500	50	25	245	140 x 110	105 x 75-80	11	100
LSFE-GST 200K	BSFE-GST 200K	200	50	800	500	50	25	265	140 x 110	105 x 75-80	11	100
LSFE-GST 202K	BSFE-GST 202K	200	80	1200	850	150	25	275	175 x 140	140 x 105	14	100
LSFE-GST 250K	BSFE-GST 250K	250	60	1200	850	150	25	315	175 x 140	140 x 105	14	120
LSFE-GST 252K	BSFE-GST 252K	250	80	1400	1200	200	25	315	200 x 160	160 x 120	14	120

20

Options



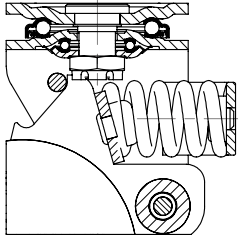
	With 'Radstop' wheel brake	With directional lock	Alternative spring tension
Technical description page	81	83	
Product code suffix	-RA		
Available for	upon request	upon request	upon request

Series: LHF-ALBS, BHF-ALBS

**Pressed steel castors, heavy duty brackets, with steel spring, wheel with Blickle Besthane® Soft polyurethane tread**

300 - 700 kg

✓RoHS



**Brackets:** LHF/BHF series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
Rugged hinged plate construction with maintenance-free steel spring mechanism.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 68  
Top plate drawings: Page 77

**Wheels:** ALBS series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane® Soft, 75° shore A, **very low rolling resistance, high dynamic load capacity**, blue, non-marking, non-staining.  
Wheel centre: Made of die-cast aluminium.  
Bearing type: Two pressed-in ball bearings.  
Detailed description: Page 238 and 47



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring tension [kg]	Initial tension [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LHF-ALBS 100K-1	BHF-ALBS 100K-1	100	40	300	200	30	19	175	100 x 85	80 x 60	9	32
LHF-ALBS 100K-3	BHF-ALBS 100K-3	100	40	300	200	30	19	175	140 x 110	105 x 75-80	11	32
LHF-ALBS 125K-1	BHF-ALBS 125K-1	125	40	350	240	30	21	200	100 x 85	80 x 60	9	45
LHF-ALBS 125K-3	BHF-ALBS 125K-3	125	40	350	240	30	21	200	140 x 110	105 x 75-80	11	45
LHF-ALBS 160K	BHF-ALBS 160K	160	50	550	570	50	25	245	140 x 110	105 x 75-80	11	65
LHF-ALBS 200K	BHF-ALBS 200K	200	50	700	570	50	25	265	140 x 110	105 x 75-80	11	65

**Options**



With 'Radstop' wheel brake

Technical description page 81

Product code suffix **-RA**

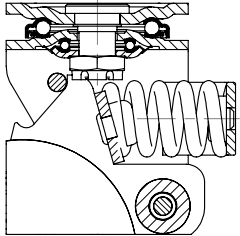
Available for upon request

Series: LHF-ALTH, BHF-ALTH

**Pressed steel castors, heavy duty brackets, with steel spring, wheel with Blickle Extrathane® polyurethane tread**

350 - 800 kg

✓RoHS



**Brackets:** LHF/BHF series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
Rugged hinged plate construction with maintenance-free steel spring mechanism.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 68  
Top plate drawings: Page 77

**Wheels:** ALTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining.  
Wheel centre: Made of die-cast aluminium.  
Bearing type: Two pressed-in ball bearings.  
Wheel Ø 100-125 mm: With pressed steel thread guard, zinc-plated.  
Detailed description: Page 246 and 48



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring tension [kg]	Initial tension [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LHF-ALTH 101K-1-FA	BHF-ALTH 101K-1-FA	100	40	350	200	30	19	175	100 x 85	80 x 60	9	32
LHF-ALTH 101K-3-FA	BHF-ALTH 101K-3-FA	100	40	350	200	30	19	175	140 x 110	105 x 75-80	11	32
LHF-ALTH 125K-1-FA	BHF-ALTH 125K-1-FA	125	40	350	240	30	21	200	100 x 85	80 x 60	9	45
LHF-ALTH 125K-3-FA	BHF-ALTH 125K-3-FA	125	40	350	240	30	21	200	140 x 110	105 x 75-80	11	45
LHF-ALTH 160K	BHF-ALTH 160K	160	50	550	570	50	25	245	140 x 110	105 x 75-80	11	65
LHF-ALTH 200K	BHF-ALTH 200K	200	50	800	570	50	25	265	140 x 110	105 x 75-80	11	65

20

Options



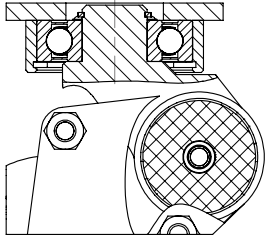
Antistatic version, non-marking grey	With 'Radstop' wheel brake
Technical description page	36, 39
Product code suffix	-AS
Available for	all sizes
	upon request

Series: LPFE-ALTH, BPFE-ALTH

## Heavy duty castors with polyurethane torsion springs, wheel with Blickle Extrathane® polyurethane tread

350 - 500 kg

RoHS



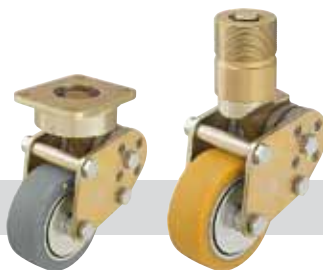
**Brackets:** LPFE/BPFE series - Sturdy steel construction, heavy duty forged fork, swivel bracket with either one or two (wheel Ø 125x54 mm or larger) sealed, lubricated for life grooved ball bearings in the swivel head. Excellent spring damper characteristics due to the patented Woodruff key design. Bolted wheel axle. Zinc-plated, yellow-passivated, Cr6-free. Bracket overview: Page 69 Top plate drawings: Page 77

**Wheels:** ALTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Wheel Ø 100-125x40 mm: With pressed steel thread guard, zinc-plated. Detailed description: Page 246 and 48



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring tension [kg]	Initial tension [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LPFE-ALTH 101K-FA	BPFE-ALTH 101K-FA	100	40	350	330	40	16	170	100 x 85	80 x 60	9	38
LPFE-ALTH 125K-FA	BPFE-ALTH 125K-FA	125	40	350	290	40	18	192	100 x 85	80 x 60	9	45
LPFE-ALTH 127K	BPFE-ALTH 127K	125	54	450	500	40	25	225	140 x 110	105 x 75-80	11	61
LPFE-ALTH 150K	BPFE-ALTH 150K	150	50	500	500	40	25	255	140 x 110	105 x 75-80	11	61

### Options



Antistatic version, non-marking grey	With stem fitting
Technical description page	36, 39
Product code suffix	-AS      -ZA
Available for	all sizes      upon request

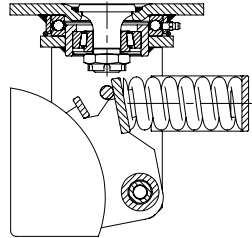
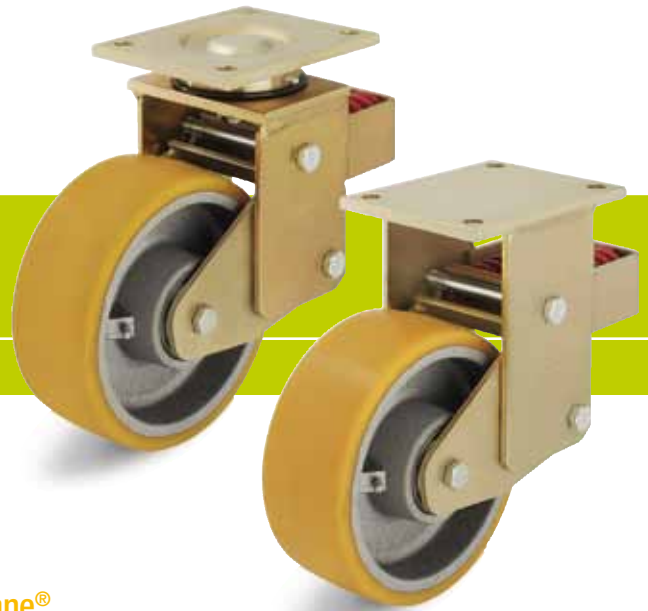


Series: LSFN-GTH, BSFN-GTH

**Welded steel heavy duty castors with steel spring, wheel with Blickle Extrathane® polyurethane tread**

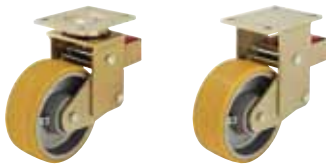
800 - 2400 kg

RoHS



**Brackets:** LSFN/BSFN series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central king-pin, rugged hinged plate construction with maintenance-free steel spring mechanism.  
 Bolted wheel axle.  
 Zinc-plated, yellow-passivated, Cr6-free.  
 Bracket overview: Page 69  
 Top plate drawings: Page 77 and 78

**Wheels:** GTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining.  
 Wheel centre: Made of rugged grey cast iron, with grease nipple, lacquered, silver.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 258, 259 and 48



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring tension [kg]	Initial tension [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LSFN-GTH 160K	BSFN-GTH 160K	160	50	800	570	75	25	245	140 x 110	105 x 75-80	11	100
LSFN-GTH 200K	BSFN-GTH 200K	200	50	1000	570	75	25	265	140 x 110	105 x 75-80	11	100
LSFN-GTH 202K	BSFN-GTH 202K	200	80	1600	750	100	25	275	175 x 140	140 x 105	14	100
LSFN-GTH 250K	BSFN-GTH 250K	250	60	1500	750	100	25	315	175 x 140	140 x 105	14	120
LSFN-GTH 252K	BSFN-GTH 252K	250	80	1800	1000	150	45	370	200 x 160	160 x 120	14	120
LSFN-GTH 252K-F30	BSFN-GTH 252K-F30	250	80	1800	1500	150	30	370	200 x 160	160 x 120	14	120
LSFN-GTH 302K	BSFN-GTH 302K	300	80	2400	1000	150	45	395	200 x 160	160 x 120	14	120
LSFN-GTH 302K-F30	BSFN-GTH 302K-F30	300	80	2400	1500	150	30	395	200 x 160	160 x 120	14	120

20

Options



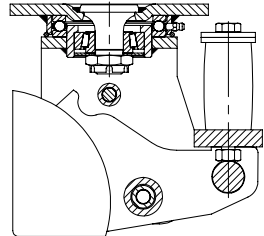
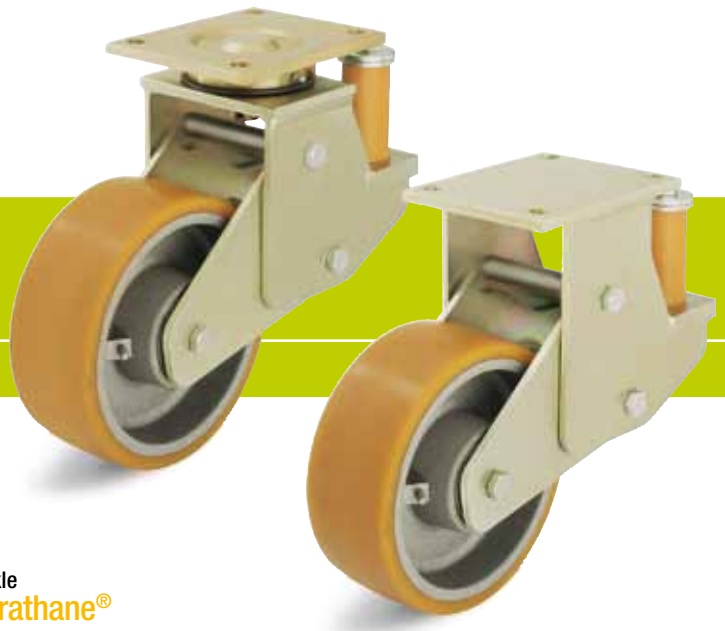
	Antistatic version, non-marking grey	With 'Radstop' wheel brake	With directional lock
Technical description page	36, 39	81	83
Product code suffix	-AS	-RA	
Available for	upon request	upon request	upon request

Series: LSFE-GTH, BSFE-GTH

**Welded steel heavy duty castors with polyurethane spring, wheel with Blickle Extrathane® polyurethane tread**

800 - 1800 kg

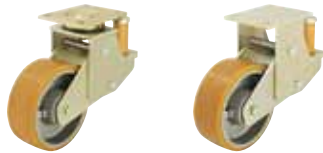
RoHS



**Brackets:** LSFE/BSFE series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin, rugged hinged plate construction with maintenance-free elastomer spring mechanism. **The spring characteristics are adjustable by a simple elastomer spring replacement.**

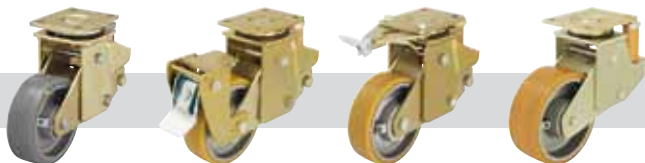
**Wheels:** GTH series - Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of rugged grey cast iron, with grease nipple, lacquered, silver. Bearing type: Two pressed-in ball bearings. Detailed description: Page 258, 259 and 48

Bolted wheel axle.  
Zinc-plated, yellow-passivated, Cr6-free.  
Bracket overview: Page 69  
Top plate drawings: Page 77 and 78



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring tension [kg]	Initial tension [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LSFE-GTH 160K	BSFE-GTH 160K	160	50	800	500	50	25	245	140 x 110	105 x 75-80	11	100
LSFE-GTH 200K	BSFE-GTH 200K	200	50	1000	500	50	25	265	140 x 110	105 x 75-80	11	100
LSFE-GTH 202K	BSFE-GTH 202K	200	80	1600	850	150	25	275	175 x 140	140 x 105	14	100
LSFE-GTH 250K	BSFE-GTH 250K	250	60	1500	850	150	25	315	175 x 140	140 x 105	14	120
LSFE-GTH 252K	BSFE-GTH 252K	250	80	1800	1200	200	25	315	200 x 160	160 x 120	14	120

**Options**



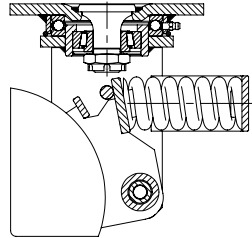
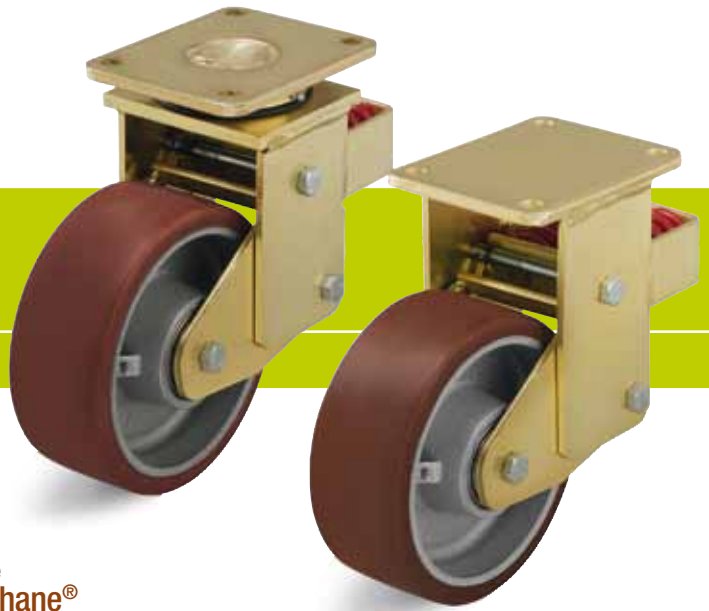
	Antistatic version, non-marking grey	With 'Radstop' wheel brake	With directional lock	Alternative spring tension
Technical description page	36, 39	81	83	
Product code suffix	-AS	-RA		
Available for	upon request	upon request	upon request	upon request

Series: LSFN-GB, BSFN-GB

## Welded steel heavy duty castors with steel spring, wheel with Blickle Besthane® polyurethane tread

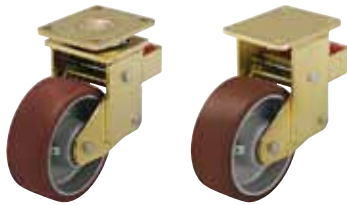
800 - 2400 kg

RoHS



**Brackets:** LSFN/BSFN series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central king-pin, rugged hinged plate construction with maintenance-free steel spring mechanism.  
 Bolted wheel axle.  
 Zinc-plated, yellow-passivated, Cr6-free.  
 Bracket overview: Page 69  
 Top plate drawings: Page 77 and 78

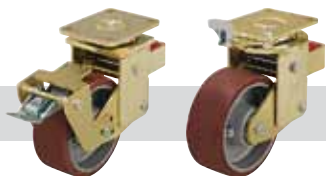
**Wheels:** GB series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane®, 92° shore A, **high dynamic load capacity**, brown, non-marking, non-staining.  
 Wheel centre: Made of rugged grey cast iron, with grease nipple, lacquered, silver.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 268, 269 and 48



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring tension [kg]	Initial tension [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LSFN-GB 160K	BSFN-GB 160K	160	50	800	570	75	25	245	140 x 110	105 x 75-80	11	100
LSFN-GB 200K	BSFN-GB 200K	200	50	1000	570	75	25	265	140 x 110	105 x 75-80	11	100
LSFN-GB 202K	BSFN-GB 202K	200	80	1600	750	100	25	275	175 x 140	140 x 105	14	100
LSFN-GB 250K	BSFN-GB 250K	250	60	1500	750	100	25	315	175 x 140	140 x 105	14	120
LSFN-GB 252K	BSFN-GB 252K	250	80	2000	1000	150	45	370	200 x 160	160 x 120	14	120
LSFN-GB 252K-F30	BSFN-GB 252K-F30	250	80	2000	1500	150	30	370	200 x 160	160 x 120	14	120
LSFN-GB 302K	BSFN-GB 302K	300	80	2400	1000	150	45	395	200 x 160	160 x 120	14	120
LSFN-GB 302K-F30	BSFN-GB 302K-F30	300	80	2400	1500	150	30	395	200 x 160	160 x 120	14	120

### 20

#### Options



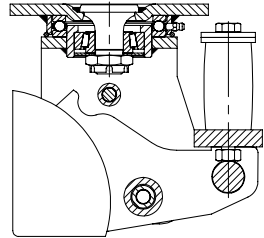
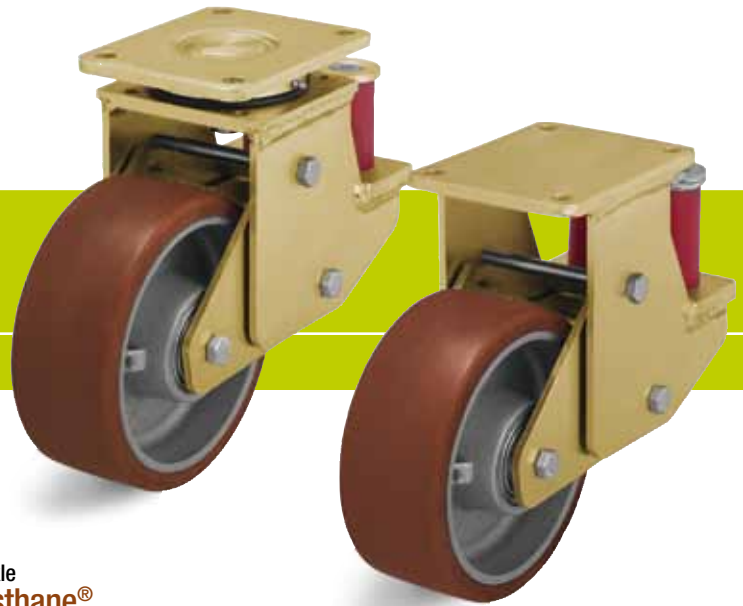
	With 'Radstop' wheel brake	With directional lock
Technical description page	81	83
Product code suffix	-RA	
Available for	upon request	upon request

Series: LSFE-GB, BSFE-GB

**Welded steel heavy duty castors with polyurethane spring, wheel with Blickle Besthane® polyurethane tread**

800 - 1800 kg

RoHS



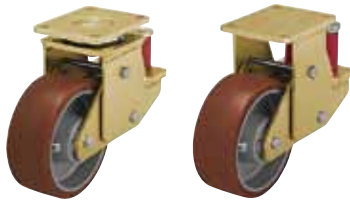
**Brackets:** LSFE/BSFE series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin, rugged hinged plate construction with maintenance-free elastomer spring mechanism. **The spring characteristics are adjustable by a simple elastomer spring replacement.**

**Wheels:** GB series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane®, 92° shore A, **high dynamic load capacity**, brown, non-marking, non-staining.

Wheel centre: Made of rugged grey cast iron, with grease nipple, lacquered, silver.

Bearing type: Two pressed-in ball bearings. Detailed description: Page 268, 269 and 48

Bolted wheel axle.  
Zinc-plated, yellow-passivated, Cr6-free.  
Bracket overview: Page 69  
Top plate drawings: Page 77 and 78



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Spring tension [kg]	Initial tension [kg]	Spring travel [mm]	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LSFE-GB 160K	BSFE-GB 160K	160	50	800	500	50	25	245	140 x 110	105 x 75-80	11	100
LSFE-GB 200K	BSFE-GB 200K	200	50	1000	500	50	25	265	140 x 110	105 x 75-80	11	100
LSFE-GB 202K	BSFE-GB 202K	200	80	1600	850	150	25	275	175 x 140	140 x 105	14	100
LSFE-GB 250K	BSFE-GB 250K	250	60	1500	850	150	25	315	175 x 140	140 x 105	14	120
LSFE-GB 252K	BSFE-GB 252K	250	80	1800	1200	200	25	315	200 x 160	160 x 120	14	120

**Options**



	With 'Radstop' wheel brake	With directional lock	Alternative spring tension
Technical description page	81	83	
Product code suffix	-RA		
Available for	upon request	upon request	upon request

## Compact and levelling castors





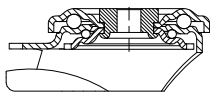
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	<b>POEV</b> Series POEV Wheel Ø 80 - 300 mm Load capacity 140 - 650 kg Page 164									
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	<b>ALST</b> Series ALST Wheel Ø 80 - 300 mm Load capacity 180 - 1150 kg Page 222									
					LHD-ALST 80 mm 360 kg 423					
	<b>ALTH/VSTH</b> Series ALTH/VSTH Wheel Ø 35 - 250 mm Load capacity 100 - 1000 kg Page 246, 258									
		LRA/LKRA/LPA/LKPA 35 - 50 mm 100 - 150 kg 420/421	LR-/L-VSTH 60 mm 200 kg 420/421	LKR-/LK-VSTH 65 mm 250 kg 420/421	LH-/LHD-VSTH-/ALTH 60 - 80 mm 280 - 560 kg 422/423		LD-VSTH 50 - 60 mm 250 kg 424			
	<b>PO</b> Series PO Wheel Ø 50 - 300 mm Load capacity 75 - 1500 kg Page 276/277									
			LER-/LE-PO 60 mm 150 kg 420/421				LD-PO 60 mm 250 kg 424			
	<b>SPO</b> Series SPO Wheel Ø 75 - 250 mm Load capacity 300 - 2000 kg Page 300/301									
					LH-/LHD-SPO 75 - 80 mm 300 - 650 kg 422/423		HRLH-/HRLHD-SPO 75 mm 300 - 600 kg 425			
	<b>GSPO</b> Series GSPO Wheel Ø 35 - 1000 mm Load capacity 100 - 50000 kg Page 314									
		LRA/LKRA/LPA/LKPA 35 - 50 mm 100 - 150 kg 420/421	LR-/L-GSPO 60 mm 200 kg 420/421	LKR-/LK-GSPO 65 mm 350 kg 420/421	LH-/LHD-GSPO 60 - 80 mm 650 - 700 kg 422/423	LSD-GSPO 80 mm 1750 kg 423				HRSP-GSPO 90 mm 2000 kg 427
	<b>SVS</b> Series SVS Wheel Ø 65 - 300 mm Load capacity 750 - 15000 kg Page 330									
					LH-SVS 65 - 80 mm 700 kg 422					

## Pressed steel compact castors with bolt hole fitting

75 - 350 kg

RoHS



### Brackets:

Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview:

LRA series page 62

LKRA series page 62

LER series page 65

LR series page 65

LKR series page 66



### VSTH-wheel series:

Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of steel, with two pressed-in ball bearings. Detailed description: Page 258 and 48



### POA-wheel series:

Made of high-quality, impact-resistant nylon, 70° shore D, black, with plain bore. Detailed description: Page 104 and 43



### PO-wheel series:

Made of high-quality, impact-resistant nylon, 70° shore D, natural white, with plain bore or two pressed-in ball bearings. Detailed description: Page 276 and 49



### GSPO-wheel series:

Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D, natural beige, with two pressed-in ball bearings. Detailed description: Page 314 and 50

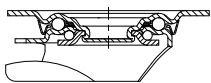
Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity at 3 km/h [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
<b>LRA series</b>								
LRA-POA 35G	35	25	75	Plain bore	50	43	11	15
LRA-VSTH 35K	35	27	100	Ball bearing	50	43	11	15
LRA-GSPO 35K	35	28	100 *	Ball bearing	50	43	11	15
<b>LKRA series</b>								
LKRA-POA 52G	50	29	120	Plain bore	70	57	13	29
LKRA-VSTH 50K	50	33	150	Ball bearing	70	57	13	29
LKRA-GSPO 50K	50	32	150 *	Ball bearing	70	57	13	29
<b>LER series</b>								
LER-PO 60G	60	29	150	Plain bore	80	70	13	35
LER-PO 60K	60	32	150	Ball bearing	80	70	13	35
<b>LR series</b>								
LR-VSTH 60K	60	35	200	Ball bearing	80	70	13	35
LR-GSPO 60K	60	32	200 *	Ball bearing	80	70	13	35
<b>LKR series</b>								
LKR-VSTH 65K	65	40	250	Ball bearing	88	88	13	40
LKR-GSPO 65K	65	40	350 *	Ball bearing	88	88	13	40

\* Test in accordance to DIN 12530 with extended resting periods in order to avoid thermal overstressing

## Pressed steel compact castors with top plate fitting

75 - 350 kg

RoHS



### Brackets:

Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.

Bolted wheel axle.

Zinc-plated, blue-passivated, Cr6-free.

Bracket overview:

LPA series page 62

LKPA series page 62

LE/B series page 64

L/B series page 65

LK/BK series page 66

Top plate drawings: Page 76 and 77



### VSTH-wheel series:

Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of steel, with two pressed-in ball bearings. Detailed description: Page 258 and 48



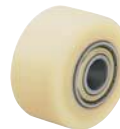
### POA-wheel series:

Made of high-quality, impact-resistant nylon, 70° shore D, black, with plain bore. Detailed description: Page 104 and 43



### PO-wheel series:

Made of high-quality, impact-resistant nylon, 70° shore D, natural white, with plain bore or two pressed-in ball bearings. Detailed description: Page 276 and 49



### GSP0-wheel series:

Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D, natural beige, with two pressed-in ball bearings. Detailed description: Page 314 and 50

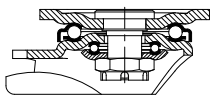
Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity at 3 km/h [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
<b>LPA series</b>										
LPA-POA 35G		35	25	75	Plain bore	52	60 x 60	38x38/48x48	6.2	15
LPA-VSTH 35K		35	27	100	Ball bearing	52	60 x 60	38x38/48x48	6.2	15
LPA-GSP0 35K		35	28	100 *	Ball bearing	52	60 x 60	38x38/48x48	6.2	15
<b>LKPA series</b>										
LKPA-POA 52G		50	29	120	Plain bore	73	90 x 66	75x45/61x51	8.5	29
LKPA-VSTH 50K		50	33	150	Ball bearing	73	90 x 66	75x45/61x51	8.5	29
LKPA-GSP0 50K		50	32	150 *	Ball bearing	73	90 x 66	75x45/61x51	8.5	29
<b>LE/B series</b>										
LE-PO 60G	B-PO 60G	60	29	150	Plain bore	80	100 x 85	80 x 60	9	35
LE-PO 60K	B-PO 60K	60	32	150	Ball bearing	80	100 x 85	80 x 60	9	35
<b>L/B series</b>										
L-VSTH 60K	B-VSTH 60K	60	35	200	Ball bearing	80	100 x 85	80 x 60	9	35
L-GSP0 60K	B-GSP0 60K	60	32	200 *	Ball bearing	80	100 x 85	80 x 60	9	35
<b>LK/BK series</b>										
LK-VSTH 65K	BK-VSTH 65K	65	40	250	Ball bearing	90	100 x 85	80 x 60	9	40
LK-GSP0 65K	BK-GSP0 65K	65	40	350 *	Ball bearing	90	100 x 85	80 x 60	9	40

\* Test in accordance to DIN 12530 with extended resting periods in order to avoid thermal overstressing

## Pressed steel compact castors, heavy duty brackets, with top plate fitting

280 - 700 kg

RoHS



### LH/BH-bracket series:

Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 66  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80



### VSTH-wheel series:

Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining.  
Wheel centre: Made of steel, with two pressed-in ball bearings.  
Detailed description: Page 258 and 48



### SPO-wheel series:

Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white, with plain bore or two pressed-in ball bearings.  
Detailed description: Page 300 and 49



### GSP0-wheel series:

Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D, natural beige, with two pressed-in ball bearings.  
Detailed description: Page 314 and 50



### SVS-wheel series:

Made of mild steel, with slightly crowned tread, with two pressed-in ball bearings.  
Detailed description: Page 330 and 50

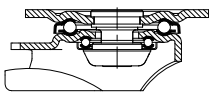
Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load cap. at 3 km/h [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
<b>LH/BH series</b>											
LH-VSTH 62K			60	60	320	Ball bearing	92	100 x 85	80 x 60	9	45
LH-GSP0 65K	BH-GSP0 65K		65	40	650 *	Ball bearing	97	100 x 85	80 x 60	9	45
LH-SVS 65K	BH-SVS 65K		65	40	700	Ball bearing	97	100 x 85	80 x 60	9	45
LH-SPO 75G	BH-SPO 75G	LH-SPO 75G-FI	75	32	300	Plain bore	118	100 x 85	80 x 60	9	45
LH-SPO 75K	BH-SPO 75K	LH-SPO 75K-FI	75	32	300	Ball bearing	118	100 x 85	80 x 60	9	45
LH-VSTH 80K	BH-VSTH 80K	LH-VSTH 80K-FI	80	40	280	Ball bearing	120	100 x 85	80 x 60	9	45
LH-SPO 80K	BH-SPO 80K	LH-SPO 80K-FI	80	37	350	Ball bearing	120	100 x 85	80 x 60	9	45
LH-GSP0 80K	BH-GSP0 80K	LH-GSP0 80K-FI	80	40	700 *	Ball bearing	120	100 x 85	80 x 60	9	45
LH-SVS 80K	BH-SVS 80K		80	40	700	Ball bearing	120	100 x 85	80 x 60	9	45
LH-VSTH 82K			80	70	500	Ball bearing	112	100 x 85	80 x 60	9	45
LH-SPO 82K			80	70	650	Ball bearing	112	100 x 85	80 x 60	9	45

\* Test in accordance to DIN 12530 with extended resting periods in order to avoid thermal overstressing

## Pressed steel or welded steel extra heavy duty twin wheel compact castors, with top plate fitting

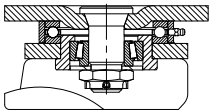
280 - 1750 kg

RoHS



### LHD-bracket series:

Made of heavy pressed steel, with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 67 Top plate drawings: Page 77



### LSD-bracket series:

Particularly rugged welded steel construction, with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle. Zinc-plated, yellow-passivated, Cr6-free. Bracket overview: Page 68 Top plate drawings: Page 77



### POEV-wheel series:

Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of high-quality, impact-resistant nylon, black, with a centrally encapsulated ball bearing (C). Detailed description: Page 164 and 44



### SE-wheel series:

Tyres: Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Wheel centre: Made of high-quality, impact-resistant nylon, black, with two pressed-in ball bearings. Detailed description: Page 180 and 45



### ALST-wheel series:

Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining. Wheel centre: Made of die-cast aluminium, with two pressed-in ball bearings. Detailed description: Page 222 and 47



### ALTH-wheel series:

Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of die-cast aluminium, with two pressed-in ball bearings. Detailed description: Page 246 and 48



### VSTH-wheel series:

Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of steel, with two pressed-in ball bearings. Detailed description: Page 258 and 48



### SPO-wheel series:

Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white, with plain bore or two pressed-in ball bearings. Detailed description: Page 300 and 49



### GSPO-wheel series:

Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D, natural beige, with two pressed-in ball bearings. Detailed description: Page 314 and 50

Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity at 3 km/h [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
<b>LHD series</b>									
LHD-VSTH 60K	60	2 x 35	360	Ball bearing	92	100 x 85	80 x 60	9	40
LHD-GSPO 60K	60	2 x 32	700 *	Ball bearing	92	100 x 85	80 x 60	9	40
LHD-SPO 75K	75	2 x 32	600	Ball bearing	110	100 x 85	80 x 60	9	45
LHD-POEV 80K	80	2 x 32	280	Ball bearing (C)	112	100 x 85	80 x 60	9	45
LHD-ALST 80K	80	2 x 30	360	Ball bearing	112	100 x 85	80 x 60	9	45
LHD-ALTH 80K	80	2 x 30	360	Ball bearing	112	100 x 85	80 x 60	9	45
LHD-SE 80K	80	2 x 45	400	Ball bearing	115	140 x 110	105 x 75-80	11	45
LHD-VSTH 80K	80	2 x 40	560	Ball bearing	115	140 x 110	105 x 75-80	11	45
<b>LSD series</b>									
LSD-GSPO 80K	80	2 x 40	1750 *	Ball bearing	125	140 x 110	105 x 75-80	11	40

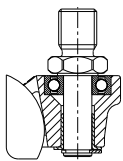
\* Test in accordance to DIN 12530 with extended resting periods in order to avoid thermal overstressing



## Twin wheel compact castors

250 kg

RoHS



### LD-bracket series:

Zinc die-cast swivel bracket, with high-quality ball bearing in the swivel head, with zinc-plated steel threaded pin M16x20. Bolted wheel axle. Bracket overview: Page 73



### VSTH-wheel series:

Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Wheel centre: Made of steel, with two pressed-in ball bearings. Detailed description: Page 258 and 48



### POA-wheel series:

Made of high-quality, impact-resistant nylon, 70° shore D, black, with plain bore. Detailed description: Page 104 and 43



### PO-wheel series:

Made of high-quality, impact-resistant nylon, 70° shore D, natural white, with plain bore. Detailed description: Page 276 and 49

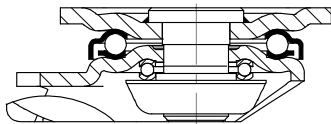
Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Total width castor [mm]	Load capacity at 3 km/h [kg]	Bearing type	Total height [mm]	Threaded pin [mm]	Offset [mm]
<b>LD series</b>								
LD-POA 52G	50	2 x 29	95	250	Plain bore	56	M16x20	39
LD-VSTH 50K	50	2 x 33	100	250	Ball bearing	56	M16x20	39
LD-PO 60G	60	2 x 29	105	250	Plain bore	65	M16x20	39
LD-VSTH 60K	60	2 x 35	105	250	Ball bearing	65	M16x20	39

Series: HRLH-SPO, HRLHD-SPO

**Levelling castors with integrated truck lock, with top plate fitting, with heavy duty nylon wheel**

300 - 600 kg

RoHS

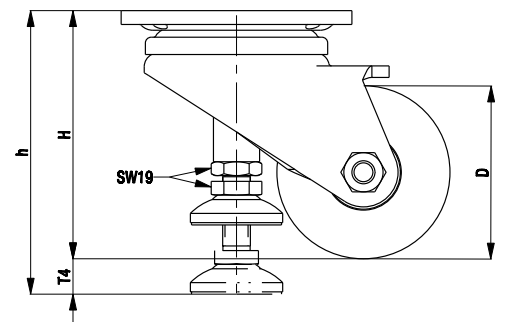
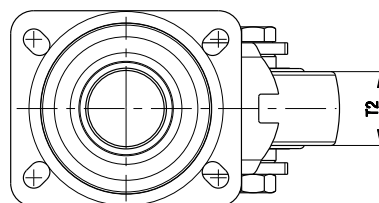


**Brackets:** HRLH/HRLHD series - Made of heavy pressed steel, with heavy fork and top plate fitting, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
 Truck lock made of steel.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 73  
 Top plate drawings: Page 77

**Wheels:** SPO series - Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D, natural white.  
 Bearing type: Two pressed-in ball bearings.  
 Detailed description: Page 300 and 49



Swivel castor	Twin wheel swivel castor	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Total height (H) [mm]	Max. total height (h) [mm]	Adjustment range (T4) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
HRLH-SPO 75K		75	32	300	Ball bearing	108	123	15	100 x 85	80 x 60	9	55
	HRLHD-SPO 75K	75	2 x 32	600	Ball bearing	108	123	15	100 x 85	80 x 60	9	55



Series: HRIG-POA

**Levelling castors with integrated truck lock, with bolt hole fitting (female thread), with nylon wheel**

180 - 750 kg

RoHS



**Brackets:** HRIG series - Made of die-cast aluminium, with sealed ball bearing in the swivel head, hexagon steel plate, female thread in the bolt hole.  
Powder-coated, colour ivory.  
Truck lock made of hard rubber, black.  
Height adjustment with flat spanner or integrated adjustment wheel.  
Bolted wheel axle.  
Steel parts are zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 73

**Wheels:** POA series - Made of high-quality, impact-resistant nylon, 70° shore D, black.  
Bearing type: Plain bore.



Swivel castors	Wheel Ø	Wheel width	Load capacity *	Bearing type	Total height	Max. total height	Adjustment range	Width across flats on hexagon	Bolt hole Ø	Offset
	(D) [mm]	(T2) [mm]			(H) [mm]	(h) [mm]		(SW) [mm]		
HRIG-POA 45G	45	18	180	Plain bore	72	81	10	40	M8 x 12	32
HRIG-POA 50G	50	22	250	Plain bore	84	94	10	46	M12 x 15	38
HRIG-POA 63G	63	29	500	Plain bore	104	119	15	65	M12 x 15	46
HRIG-POA 72G	72	31	750	Plain bore	120	132	12	67	M16 x 16	52

\* The load capacity is determined under the following test conditions:

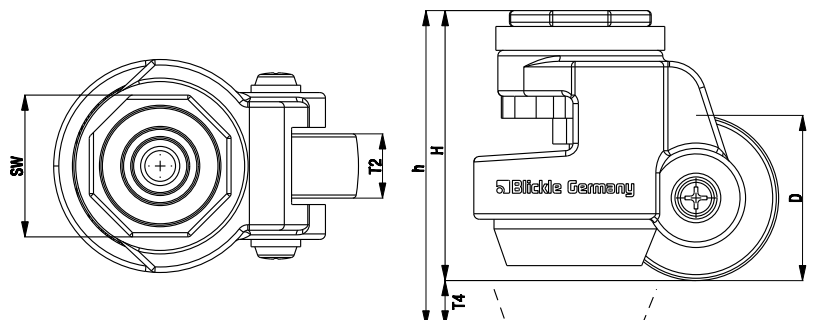
- Speed: max. 1 km/h
- Temperature: +15° C to +30° C
- Hard, horizontal surface without obstacles
- Travel distance: Cool down periods of 15 min. are required after max. 50 m

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**Options**



Stainless steel version	
Technical description page	36
Product code suffix	
Available for	upon request



Series: HRP-POA, HRSP-POA, HRSP-GSPO

## Levelling castors with integrated truck lock, with top plate fitting, with nylon wheel or extra heavy duty cast nylon wheel

180 - 2000 kg

RoHS



**Brackets:** HRP/HRSP series - Made of die-cast aluminium, with sealed ball bearing in the swivel head, steel top plate fitting.  
Powder-coated, colour ivory.  
Truck lock made of hard rubber, HRSP series made of aluminium, black.  
Height adjustment with flat spanner or integrated adjustment wheel; HRSP series only with flat spanner.  
Bolted wheel axle.  
Steel parts are zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 73  
Top plate drawings: Page 77

**Wheels:** POA series - Made of high-quality, impact-resistant nylon, 70° shore D, black.  
GSPO series - Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D, natural beige.  
Bearing type: Plain bore.

Swivel castors	Wheel Ø	Wheel width	Load capacity *	Bearing type	Total height (H) [mm]	Max. total height (h) [mm]	Adjustment range (T4) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
	(D) [mm]	(T2) [mm]									
HRP-POA 45G	45	18	180	Plain bore	72	82	10	55 x 55	42 x 42	7	32
HRP-POA 50G	50	22	250	Plain bore	84	94	10	73 x 73	58 x 58	7	38
HRP-POA 63G	63	29	500	Plain bore	104	119	15	90 x 90	70 x 70	9	46
HRP-POA 72G	72	31	750	Plain bore	120	132	12	95 x 95	70 x 70	11	52
HRSP-POA 72G	72	31	1000	Plain bore	121	139	18	95 x 95	70 x 70	11	55
HRSP-GSPO 90G	90	55	2000	Plain bore	130	155	25	100 x 100	70 x 70	13	70

\* The load capacity is determined under the following test conditions:

- Speed: max. 1 km/h
- Temperature: +15° C to +30° C
- Hard, horizontal surface without obstacles
- Travel distance: Cool down periods of 15 min. are required after max. 50 m

### Options

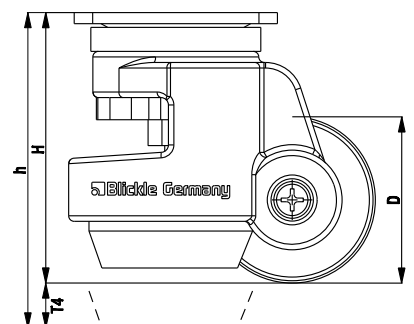
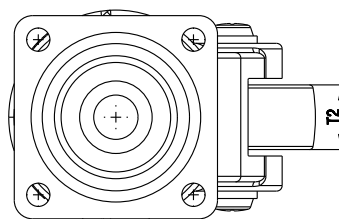


Stainless steel version

Technical description page 36

Product code suffix

Available for upon request



## Guide rollers





## Table of Contents



### FTH

Series	FTH
Wheel Ø	30 - 75 mm
Load capacity	20 - 125 kg

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### FSTH

Series	FSTH
Wheel Ø	40 - 125 mm
Load capacity	45 - 330 kg

**Page** 431



### FPOB

Series	FPOB
Wheel Ø	80 - 125 mm
Load capacity	130 - 300 kg

**Page** 432



### FPTH

Series	FPTH
Wheel Ø	60 - 125 mm
Load capacity	110 - 290 kg

**Page** 433



### FPU

Series	FPU
Wheel Ø	25 - 60 mm
Load capacity	20 - 120 kg

**Page** 434



### FPO

Series	FPO
Wheel Ø	25 - 125 mm
Load capacity	30 - 400 kg

**Page** 435

Series: FTH

## Guide rollers with Blickle Extrathane® polyurethane tread

20 - 125 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### FTH-guide roller series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, tread directly bonded onto the ball bearing, very good chemical connection. (Material description page 39)

### Bearing type:

- Ball bearing, sealed, lubricated with long-life grease

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

The load capacities indicated refer to applications without obstacles.

Maintenance-free under standard conditions.

**Wheel series overview page 53**

Guide rollers	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
FTH 30x8/6-6K	30	8	20	626 2RS	6	6
FTH 30x11/9-7K	30	11	30	609 2RS	9	7
FTH 30x14/5-12K	30	14	40	2 x 635 2RS	5	12
FTH 34x16/8-7K	34	16	30	608 2RS	8	7
FTH 35x14/12-8K	35	14	40	6001 2RS	12	8
FTH 36x13/10-9K	36	13	40	6200 2RS	10	9
FTH 40x15/10-8K	40	15	40	6000 2RS	10	8
FTH 40x20/10-9K	40	20	50	6200 2RS	10	9
FTH 45x17/15-11K	45	17	70	6202 2RS	15	11
FTH 50x15/10-9K	50	15	60	6200 2RS	10	9
FTH 50x15/12-12K	50	15	70	6301 2RS	12	12
FTH 50x18/15-11K	50	18	70	6202 2RS	15	11
FTH 52x15/12-12K	52	15	70	6301 2RS	12	12
FTH 60x20/17-12K	60	20	90	6203 2RS	17	12
FTH 61x30/17-12K	61	30	95	6203 2RS	17	12
FTH 62x15/20-12K	62	15	85	6004 2RS	20	12
FTH 70x20/25-15K	70	20	125	6205 2RS	25	15
FTH 75x23/20-14K	75	23	110	6204 2RS	20	14

Further dimensions upon request

### Options



With stainless steel ball bearing

Technical description page

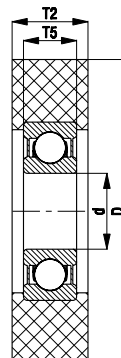
61

Product code suffix

-XK

Available for

upon request



Series: FSTH

## Guide rollers with Blickle Extrathane® polyurethane tread, with steel wheel centre

45 - 330 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### FSTH-guide roller series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of steel.

### Bearing type:

- Ball bearing, sealed, lubricated with long-life grease

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

The load capacities indicated refer to applications without obstacles.

Maintenance-free under standard conditions.

**Wheel series overview page 53**

Guide rollers	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
FSTH 40x13/10-8K	40	13	45	6000 2RS	10	8
FSTH 40x15/10-8K	40	15	55	6000 2RS	10	8
FSTH 40x20/10-8K	40	20	70	6000 2RS	10	8
FSTH 40x25/10-8K	40	25	90	6000 2RS	10	8
FSTH 50x15/10-8K	50	15	65	6000 2RS	10	8
FSTH 50x18/17-10K	50	18	80	6003 2RS	17	10
FSTH 50x25/12-10K	50	25	110	6201 2RS	12	10
FSTH 55x20/15-11K	55	20	95	6202 2RS	15	11
FSTH 60x20/15-13K	60	20	105	6302 2RS	15	13
FSTH 60x20/20-12K	60	20	105	6004 2RS	20	12
FSTH 60x25/20-12K	60	25	130	6004 2RS	20	12
FSTH 68x20/15-13K	68	20	120	6302 2RS	15	13
FSTH 70x20/20-12K	70	20	125	6004 2RS	20	12
FSTH 70x25/20-15K	70	25	155	6304 2RS	20	15
FSTH 70x25/25-15K	70	25	155	6205 2RS	25	15
FSTH 75x25/20-15K	75	25	165	6304 2RS	20	15
FSTH 75x25/25-15K	75	25	165	6205 2RS	25	15
FSTH 80x20/20-14K	80	20	140	6204 2RS	20	14
FSTH 80x25/20-15K	80	25	180	6304 2RS	20	15
FSTH 80x25/25-15K	80	25	180	6205 2RS	25	15
FSTH 90x25/20-15K	90	25	200	6304 2RS	20	15
FSTH 90x25/25-15K	90	25	200	6205 2RS	25	15
FSTH 100x25/20-15K	100	25	220	6304 2RS	20	15
FSTH 100x25/25-15K	100	25	220	6205 2RS	25	15
FSTH 110x25/25-15K	110	25	240	6205 2RS	25	15
FSTH 120x25/25-15K	120	25	265	6205 2RS	25	15
FSTH 125x25/25-15K	125	25	275	6205 2RS	25	15
FSTH 125x30/20-15K	125	30	330	6304 2RS	20	15
FSTH 125x30/25-15K	125	30	330	6205 2RS	25	15

Further dimensions upon request



### Options

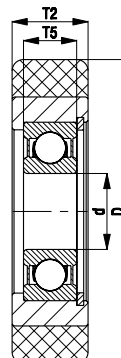
Further versions

Technical description page

Product code suffix

Available for

upon request



Series: FPOB

## Guide rollers with Blickle Besthane® polyurethane tread, with nylon wheel centre

130 - 300 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### FPOB-guide roller series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, very low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, **hydrolysis resistant**, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.  
(Material description page 39)

**Wheel centre:** Made of high-quality, impact-resistant nylon, colour black.

#### Bearing type:

- Ball bearing, sealed, lubricated with long-life grease

#### Other features:

High chemical resistance to many aggressive substances (table page 36-37).  
Operating temperature: -25° C to +70° C.  
At ambient temperatures above +40° C the load capacity is reduced.  
The load capacities indicated refer to applications without obstacles.  
Maintenance-free under standard conditions.  
**Wheel series overview page 53**

Guide rollers	Wheel Ø	Wheel width	Load cap. at 4 km/h	Load cap. at 10 km/h	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
	(D) [mm]	(T2) [mm]	[kg]	[kg]			
<b>FPOB 80x20/20-14K</b>	80	20	130	100	6204 2RS	20	14
<b>FPOB 100x25/25-15K</b>	100	25	200	160	6205 2RS	25	15
<b>FPOB 125x30/25-15K</b>	125	30	300	250	6205 2RS	25	15

Further dimensions upon request

### Options



With stainless steel ball bearing

Technical description page

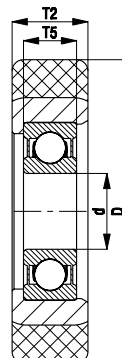
61

Product code suffix

-XK

Available for

upon request



Series: FPTH

## Guide rollers with thermoplastic polyurethane tread, with nylon wheel centre

110 - 290 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

### FPTH-guide roller series:

**Tread:** Made of high-quality thermoplastic polyurethane, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, **hydrolysis resistant**, colour dark grey, non-marking, non-staining, chemically bonded for an inseparable connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of high-quality, impact-resistant nylon, colour silver grey.

### Bearing type:

- Ball bearing, sealed, lubricated with long-life grease

### Other features:

Very high chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +35° C the load capacity is reduced.

The load capacities indicated refer to applications without obstacles.

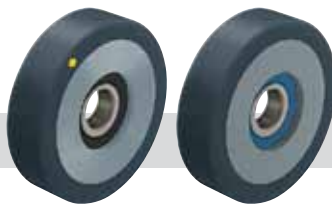
Maintenance-free under standard conditions.

**Wheel series overview page 54**

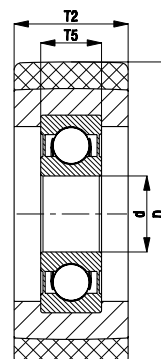
Guide rollers	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
FPTH 60x20/17-12K	60	20	110	6203 2RS	17	12
FPTH 70x20/25-15K	70	20	130	6205 2RS	25	15
FPTH 70x25/20-14K	70	25	160	6204 2RS	20	14
FPTH 80x20/15-11K	80	20	150	6202 2RS	15	11
FPTH 80x20/17-14K	80	20	150	6303 2RS	17	14
FPTH 80x20/20-14K	80	20	150	6204 2RS	20	14
FPTH 80x25/25-12K	80	25	180	6005 2RS	25	12
FPTH 100x25/25-15K	100	25	230	6205 2RS	25	15
FPTH 125x25/25-15K	125	25	290	6205 2RS	25	15

Further dimensions upon request

### Options



	Electrically conductive version, non-marking	With stainless steel ball bearing
Technical description page	36, 39	61
Product code suffix	-ELS	-XK
Available for	upon request	upon request





Series: FPU

## Guide rollers with thermoplastic polyurethane tread

20 - 120 kg

RoHS



<b>Tread &amp; tyre hardness</b>	98° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	reasonable
<b>Floor surface preservation</b>	reasonable

### FPU-guide roller series:

**Tread:** Made of high-quality thermoplastic polyurethane, 98° shore A hardness, very low rolling resistance, high abrasion resistance, colour dark brown, non-marking, non-staining, tread directly injected onto the ball bearing.  
(Material description page 39)

### Bearing type:

- Ball bearing, sealed, lubricated with long-life grease

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +35° C the load capacity is reduced.

The load capacities indicated refer to applications without obstacles.

Maintenance-free under standard conditions.

**Wheel series overview page 54**

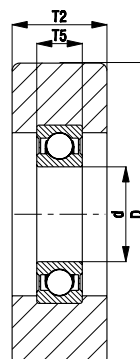
Guide rollers	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
FPU 25x10/6-6K	25	10	20	626 2RS	6	6
FPU 30x8/6-6K	30	8	20	626 2RS	6	6
FPU 30x11/8-7K	30	11	30	608 2RS	8	7
FPU 35x11/8-7K	35	11	30	608 2RS	8	7
FPU 40x16/12-10K	40	16	50	6201 2RS	12	10
FPU 40x20/10-9K	40	20	65	6200 2RS	10	9
FPU 50x15/10-9K	50	15	60	6200 2RS	10	9
FPU 50x15/12-10K	50	15	60	6201 2RS	12	10
FPU 50x20/15-11K	50	20	70	6202 2RS	15	11
FPU 50x25/15-11K	50	25	100	6202 2RS	15	11
FPU 60x20/17-12K	60	20	100	6203 2RS	17	12
FPU 60x25/15-13K	60	25	120	6302 2RS	15	13
FPU 60x25/20-12K	60	25	120	6004 2RS	20	12

Further dimensions upon request

### Options



	Electrically conductive version, non-marking	With stainless steel ball bearing
Technical description page	36, 39	61
Product code suffix	-ELS	-XK
Available for	upon request	upon request



Series: FPO

## Guide rollers with nylon tread

30 - 400 kg

RoHS



<b>Tread &amp; tyre hardness</b>	70° shore D
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	reasonable
<b>Floor surface preservation</b>	reasonable

### FPO-guide roller series:

**Tread:** Made of high-quality, impact-resistant nylon, 70° shore D hardness, very low rolling resistance, smooth running performance on even floors, high abrasion resistance, colour natural white, tread directly injected onto the ball bearing. (Material description page 40)

### Bearing type:

- Ball bearing, sealed, lubricated with long-life grease

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +80° C.

At ambient temperatures above +35° C the load capacity is reduced.

The load capacities indicated refer to applications without obstacles.

Maintenance-free under standard conditions.

**Wheel series overview page 54**

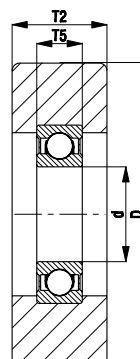
Guide rollers	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
FPO 25x10/6-6K	25	10	30	626 2RS	6	6
FPO 30x8/6-6K	30	8	35	626 2RS	6	6
FPO 30x11/8-7K	30	11	40	608 2RS	8	7
FPO 35x11/8-7K	35	11	55	608 2RS	8	7
FPO 40x16/12-10K	40	16	80	6201 2RS	12	10
FPO 40x20/10-9K	40	20	100	6200 2RS	10	9
FPO 50x15/10-9K	50	15	100	6200 2RS	10	9
FPO 50x15/12-10K	50	15	100	6201 2RS	12	10
FPO 50x20/15-11K	50	20	130	6202 2RS	15	11
FPO 50x25/15-11K	50	25	165	6202 2RS	15	11
FPO 60x20/17-12K	60	20	165	6203 2RS	17	12
FPO 60x25/15-13K	60	25	200	6302 2RS	15	13
FPO 60x25/20-12K	60	25	200	6004 2RS	20	12
FPO 70x20/25-15K	70	20	185	6205 2RS	25	15
FPO 70x25/20-14K	70	25	225	6204 2RS	20	14
FPO 80x20/15-11K	80	20	210	6202 2RS	15	11
FPO 80x20/17-14K	80	20	210	6303 2RS	17	14
FPO 80x20/20-14K	80	20	210	6204 2RS	20	14
FPO 80x25/25-12K	80	25	265	6005 2RS	25	12
FPO 100x25/25-15K	100	25	330	6205 2RS	25	15
FPO 125x25/25-15K	125	25	400	6205 2RS	25	15

Further dimensions upon request

### Options











	Electrically conductive version, non-marking grey	With stainless steel ball bearing
Technical description page	36, 40	61
Product code suffix	-ELS	-XK
Available for	upon request	upon request



## Wheels and rollers for pallet trucks, stackers and other forklift trucks



## Table of Contents

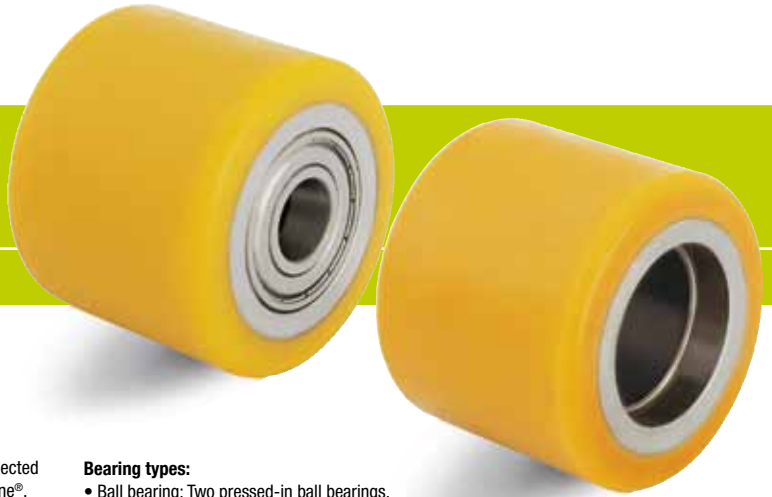
	<p><b>HTH/RK-HTH</b></p> <p>Series HTH/RK-HTH Wheel Ø 60 - 90 mm Load capacity 180 - 900 kg</p> <p><b>Page 438-440</b></p>
	<p><b>HB/RK-HB</b></p> <p>Series HB/RK-HB Wheel Ø 80 - 85 mm Load capacity 440 - 760 kg</p> <p><b>Page 441</b></p>
	<p><b>HTHW</b></p> <p>Series HTHW Wheel Ø 82 - 85 mm Load capacity 440 - 840 kg</p> <p><b>Page 442/443</b></p>
	<p><b>HPO</b></p> <p>Series HPO Wheel Ø 80 - 85 mm Load capacity 420 - 1100 kg</p> <p><b>Page 444</b></p>
	<p><b>ALEV/ALST/ALTH/PO</b></p> <p>Series ALEV/ALST/ALTH/PO Wheel Ø 180 - 200 mm Load capacity 550 - 800 kg</p> <p><b>Page 445</b></p>
	<p><b>ALTH/GTH/VSTH</b></p> <p>Series ALTH/GTH/VSTH Wheel Ø 100 - 180 mm Load capacity 350 - 1100 kg</p> <p><b>Page 446</b></p>
	<p><b>GB</b></p> <p>Series GB Wheel Ø 100 - 180 mm Load capacity 400 - 1100 kg</p> <p><b>Page 447</b></p>
	<p><b>RTH/RB/REV</b></p> <p>Series RTH/RB/REV Wheel Ø 200 - 343 mm</p> <p><b>Page 448-457</b></p>

Series: HTH, dimensions 60x35 - 82x65 mm

## Rollers for pallet trucks with Blickle Extrathane® polyurethane tread, with steel wheel centre

180 - 680 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

### HTH-pallet truck roller series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre. (Material description page 39)

**Wheel centre:** Made of steel or grey cast iron.

### Bearing types:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Wheel centre without ball bearing (with bearing seat)

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).  
Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

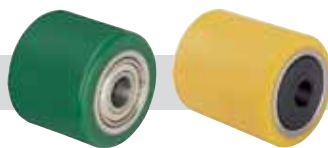
**Wheel series overview page 54**

Rollers for pallet trucks with ball bearing	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]	Ball bearing	Rollers for pallet trucks without ball bearing	Bearing seat Ø (S) [mm]	Bearing seat depth (t) [mm]	Load capacity [kg]
HTH 60x35/15-35K	60	35	15	35	6002 ZZ	RK-HTH 060x035/32x09-35-Z	32	9	180
HTH 60x60/10-56K	60	60	10	56	6200 ZZ	RK-HTH 060x060/30x11-60-Z	30	11	320
HTH 75x40/20-40K	75	40	20	40	6204 ZZ	RK-HTH 075x040/47x14-40-Z	47	14	270
HTH 75x62/20-62K	75	62	20	62	6204 ZZ	RK-HTH 075x062/47x14-62-Z	47	14	410
HTH 75x75/20-75K	75	75	20	75	6204 ZZ	RK-HTH 075x075/47x14-75-Z	47	14	500
HTH 75x95/20-95K	75	95	20	95	6204 ZZ	RK-HTH 075x095/47x14-95-Z	47	14	640
HTH 80x30/12-27K	80	30	12	27	6201 ZZ	RK-HTH 080x030/32x12-30-Z	32	12	210
HTH 80x40/20-40K	80	40	20	40	6204 ZZ	RK-HTH 080x040/47x14-40-Z	47	14	280
HTH 80x54/20-54K	80	54	20	54	6204 ZZ	RK-HTH 080x054/47x14-54-Z	47	14	380
HTH 80x54/20-60K	80	54	20	60	6204 ZZV				380
HTH 80x56/20-56K	80	56	20	56	6204 ZZ	RK-HTH 080x056/47x14-56-Z	47	14	400
HTH 80x60/20-66K	80	60	20	66	6204 ZZV	RK-HTH 080x060/47x12-60-Z	47	12	420
HTH 80x62/20-54K	80	62	20	54	6204 ZZ	RK-HTH 080x062/47x18-62-Z	47	18	440
HTH 80x70/20-70K	80	70	20	70	6204 ZZ	RK-HTH 080x070/47x14-70-Z	47	14	500
HTH 80x74/20-68K	80	74	20	68	6004 ZZ	RK-HTH 080x074/42x14-72-Z *	42	14	530
HTH 80x80/20-80K	80	80	20	80	6204 ZZ	RK-HTH 080x080/47x14-80-Z	47	14	570
HTH 80x95/20-89K	80	95	20	89	6004 ZZ	RK-HTH 080x095/42x14-93-Z *	42	14	680
HTH 82x28/12-26K	82	28	12	26	6201 ZZ	RK-HTH 082x028/32x11-28-Z	32	11	200
HTH 82x34/12-32K	82	34	12	32	6201 ZZ	RK-HTH 082x034/32x11-34-Z	32	11	250
HTH 82x50/20-52K	82	50	20	52	6204 ZZ	RK-HTH 082x050/47x13-50-Z	47	13	360
HTH 82x60/20-56K	82	60	20	56	6204 ZZ	RK-HTH 082x060/47x16-60-Z	47	16	440
HTH 82x60/20-60K	82	60	20	60	6204 ZZ	RK-HTH 082x060/47x14-60-Z	47	14	440
HTH 82x60/25-60K	82	60	25	60	6005 ZZ				440
HTH 82x60/25-52K	82	60	25	52	6205 ZZ	RK-HTH 082x060/52x19-60-Z	52	19	440
HTH 82x62/20-64K	82	62	20	64	6204 ZZ	RK-HTH 082x062/47x13-62-Z	47	13	450
HTH 82x65/20-65K	82	65	20	65	6204 ZZ	RK-HTH 082x065/47x14-65-Z	47	14	470
HTH 82x65/20-71K	82	65	20	71	6204 ZZV				470

\* Hub recessed

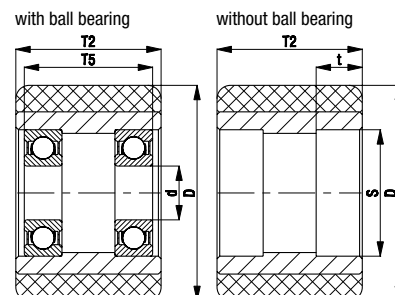
For further dimensions refer to the next page

### Options



	With Blickle Softhane® polyurethane tread **	Splash and washproof version
Technical description page	39	55
Product code	HST series	HTHW series
Available for	upon request	refer to page 442-443

\*\* 75° shore A hardness

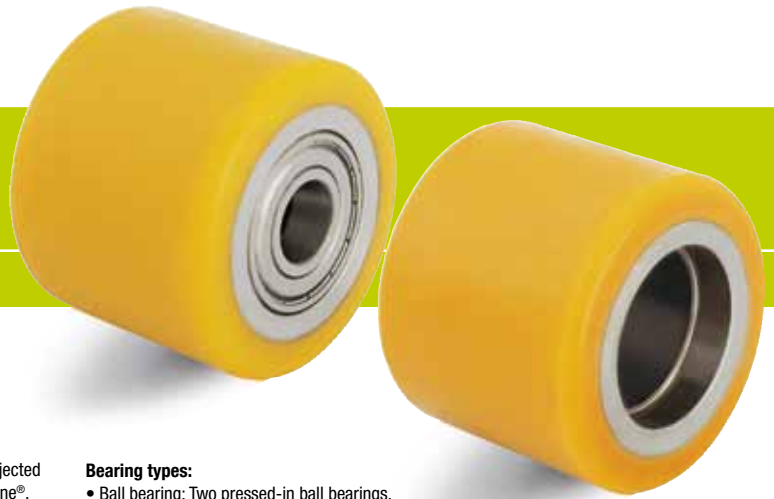




Series: HTH, dimensions 82x70 - 85x75 mm

## Rollers for pallet trucks with Blickle Extrathane® polyurethane tread, with steel wheel centre

370 - 850 kg



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

### HTH-pallet truck roller series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre. (Material description page 39)

**Wheel centre:** Made of steel or grey cast iron.

### Bearing types:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Wheel centre without ball bearing (with bearing seat)

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).  
Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

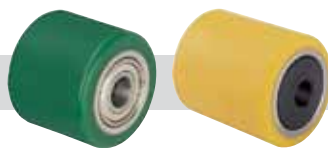
Maintenance-free under standard conditions.

**Wheel series overview page 54**

Rollers for pallet trucks with ball bearing	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]	Ball bearing	Rollers for pallet trucks without ball bearing	Bearing seat Ø (S) [mm]	Bearing seat depth (t) [mm]	Load capacity [kg]
HTH 82x70/20-62K	82	70	20	62	6204 ZZ	RK-HTH 082x070/47x18-70-Z	47	18	510
HTH 82x70/20-70K	82	70	20	70	6204 ZZ	RK-HTH 082x070/47x14-70-Z	47	14	510
HTH 82x70/20-72K	82	70	20	72	6204 ZZV				510
HTH 82x70/20-76K	82	70	20	76	6204 ZZV	RK-HTH 082x070/47x12-70-Z	47	12	510
HTH 82x72/20-72K	82	72	20	72	6204 ZZ	RK-HTH 082x072/47x14-72-Z	47	14	530
HTH 82x72/20-74K	82	72	20	74	6204 ZZV				530
HTH 82x72/20-78K	82	72	20	78	6204 ZZV				530
HTH 82x80/20-80K	82	80	20	80	6204 ZZ	RK-HTH 082x080/47x14-80-Z	47	14	580
HTH 82x82/20-86K	82	82	20	86	6204 ZZV	RK-HTH 082x082/47x13-82-Z	47	13	600
HTH 82x89/20-82K	82	89	20	82	6204 ZZ	RK-HTH 082x089/47x18-89-Z	47	17.5	650
HTH 82x90/20-90K	82	90	20	90	6204 ZZ	RK-HTH 082x090/47x14-90-Z	47	14	660
HTH 82x90/20-96K	82	90	20	96	6204 ZZV				660
HTH 82x98/20-98K	82	98	20	98	6204 ZZ	RK-HTH 082x098/47x14-98-Z	47	14	720
HTH 82x100/20-96K	82	100	20	96	6204 ZZ	RK-HTH 082x100/47x16-100-Z	47	16	730
HTH 82x100/20-100K	82	100	20	100	6204 ZZ	RK-HTH 082x100/47x14-100-Z	47	14	730
HTH 82x100/20-104K	82	100	20	104	6204 ZZV				730
HTH 83x83/25-83K	83	83	25	83	6205 ZZ	RK-HTH 083x083/52x15-83-Z	52	15	620
HTH 83x115/30-114K	83	115	30	114	6206 ZZ	RK-HTH 083x115/62x17-115-Z	62	16.5	850
HTH 84x74/17-78K	84	74	17	78	BT 22053	RK-HTH 084x074/42x23-74-Z	42	23	550
HTH 85x50/20-50K	85	50	20	50	6204 ZZ	RK-HTH 085x050/47x14-50-Z	47	14	370
HTH 85x50/25-50K	85	50	25	50	6005 ZZ				370
HTH 85x60/17-60K	85	60	17	60	6303 ZZ	RK-HTH 085x060/47x14-60-Z	47	14	450
HTH 85x60/20-60K	85	60	20	60	6204 ZZ				450
HTH 85x60/20-65K	85	60	20	65	6204 ZZ				450
HTH 85x65/20-65K	85	65	20	65	6204 ZZ	RK-HTH 085x065/47x14-65-Z	47	14	490
HTH 85x70/17-70K	85	70	17	70	6303 ZZ	RK-HTH 085x070/47x14-70-Z	47	14	530
HTH 85x70/20-70K	85	70	20	70	6204 ZZ				530
HTH 85x70/20-75K	85	70	20	75	6204 ZZV				530
HTH 85x75/17-75K	85	75	17	75	6303 ZZ	RK-HTH 085x075/47x14-75-Z	47	14	570
HTH 85x75/20-75K	85	75	20	75	6204 ZZ				570
HTH 85x75/25-75K	85	75	25	75	6005 ZZ				570

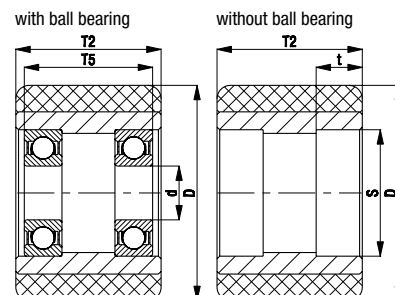
For further dimensions refer to the next page

### Options



	With Blickle Softhane® polyurethane tread *	Splash and washproof version
Technical description page	39	55
Product code	HST series	HTHW series
Available for	upon request	refer to page 442-443

\* 75° shore A hardness

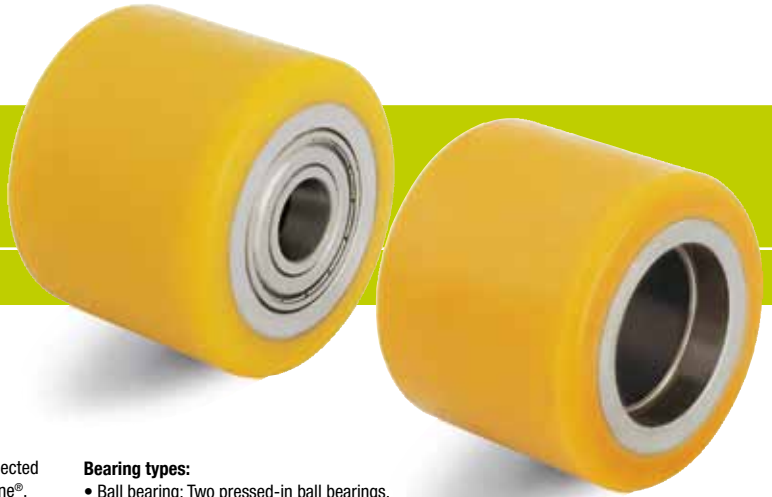


Series: HTH, dimensions 85x75 - 90x50 mm

## Rollers for pallet trucks with Blickle Extrathane® polyurethane tread, with steel wheel centre

340 - 900 kg

✓RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

### HTH-pallet truck roller series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre. (Material description page 39)

**Wheel centre:** Made of steel or grey cast iron.

### Bearing types:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Wheel centre without ball bearing (with bearing seat)

### Other features:

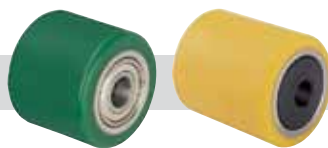
High chemical resistance to many aggressive substances (table page 36-37).  
Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.  
Maintenance-free under standard conditions.  
**Wheel series overview page 54**

Rollers for pallet trucks with ball bearing	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]	Ball bearing	Rollers for pallet trucks without ball bearing	Bearing seat Ø (S) [mm]	Bearing seat depth (t) [mm]	Load capacity [kg]
HTH 85x75/20-77K	85	75	20	77	6204 ZZV	RK-HTH 085x075/47x15-75-Z	47	15	570
HTH 85X75/20-79K	85	75	20	79	6204 ZZV				570
HTH 85x78/20-78K	85	78	20	78	6204 ZZ	RK-HTH 085x078/47x14-78-Z	47	14	590
HTH 85x80/17-82K	85	80	17	82	6303 ZZ	RK-HTH 085x080/47x14-80-Z	47	14	610
HTH 85x80/20-80K	85	80	20	80	6204 ZZ				610
HTH 85x80/20-85K	85	80	20	85	6204 ZZV				610
HTH 85x80/25-80K	85	80	25	80	6005 ZZ				610
HTH 85x80/25-85K	85	80	25	85	6005 ZV				610
HTH 85x80/25-74K	85	80	25	74	6205 ZZ	RK-HTH 085x080/52x18-80-Z	52	18	610
HTH 85x85/20-85K	85	85	20	85	6204 ZZ	RK-HTH 085x085/47x14-85-Z	47	14	650
HTH 85x85/25-85K	85	85	25	85	6005 ZZ				650
HTH 85x87/17-89K	85	87	17	89	6303 ZZ	RK-HTH 085x087/47x14-87-Z	47	14	660
HTH 85x90/17-90K	85	90	17	90	6303 ZZ	RK-HTH 085x090/47x14-90-Z	47	14	680
HTH 85x90/20-90K	85	90	20	90	6204 ZZ				680
HTH 85x95/20-95K	85	95	20	95	6204 ZZ	RK-HTH 085x095/47x14-95-Z	47	14	720
HTH 85x95/20-100K	85	95	20	100	6204 ZZV				720
HTH 85x100/17-100K	85	100	17	100	6303 ZZ	RK-HTH 085x100/47x14-100-Z	47	14	760
HTH 85x100/20-100K	85	100	20	100	6204 ZZ				760
HTH 85x100/20-102K	85	100	20	102	6204 ZZV				760
HTH 85x100/25-100K	85	100	25	100	6005 ZZ				760
HTH 85x100/20-104K	85	100	20	104	6204 ZZV	RK-HTH 085x100/47x15-100-Z	47	15	760
HTH 85x100/25-104K	85	100	25	104	6005 ZV				760
HTH 85x105/25-110K	85	105	25	110	6005 ZV	RK-HTH 085x105/47x13-105-Z	47	12.5	800
HTH 85x110/25-110K	85	110	25	110	6005 ZZ	RK-HTH 085x110/47x14-110-Z	47	14	840
HTH 85x110/25-114K	85	110	25	114	6005 ZV				840
HTH 85x120/25-124K	85	120	25	124	6005 ZV	RK-HTH 085x120/47x14-120-Z	47	14	900
HTH 90x42/20-40K	90	42	20	40	6204 ZZ	RK-HTH 090x042/47x15-42-Z	47	15	340
HTH 90x50/20-48K	90	50	20	48	6204 ZZ	RK-HTH 090x050/47x15-50-Z	47	15	400

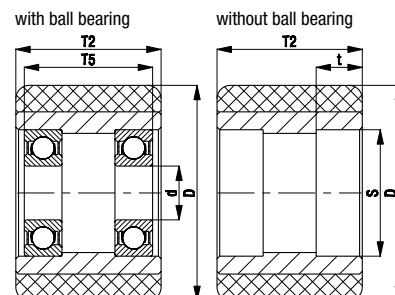
Further dimensions upon request

### Options



	With Blickle Softhane® polyurethane tread *	Splash and washproof version
Technical description page	39	55
Product code	HST series	HTHW series
Available for	upon request	refer to page 442-443

\* 75° shore A hardness

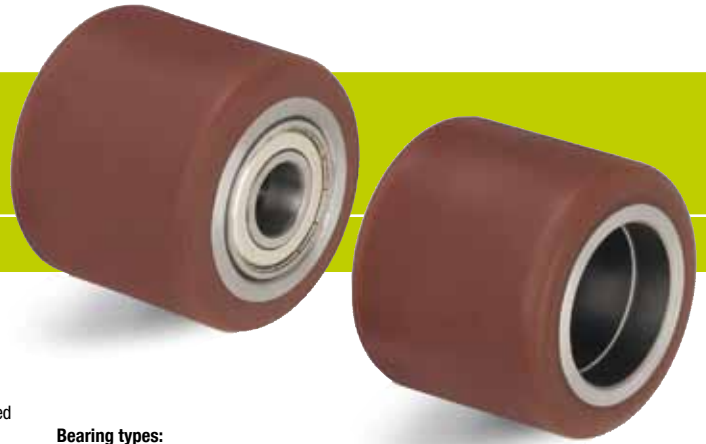


Series: HB

## Rollers for pallet trucks with Blickle Besthane® polyurethane tread, with steel wheel centre

440 - 760 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

### HB-pallet truck roller series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, very low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre. (Material description page 39)

**Wheel centre:** Made of steel or grey cast iron.

### Bearing types:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Wheel centre without ball bearing (with bearing seat)

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).  
Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 55**

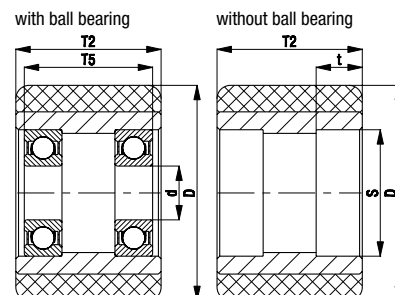
Rollers for pallet trucks with ball bearing	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]	Ball bearing	Rollers for pallet trucks without ball bearing	Bearing seat Ø (S) [mm]	Bearing seat depth (t) [mm]	Load capacity [kg]
HB 80x70/20-70K	80	70	20	70	6204 ZZ	RK-HB 080x070/47x14-70-Z	47	14	500
HB 82x60/20-60K	82	60	20	60	6204 ZZ	RK-HB 082x060/47x14-60-Z	47	14	440
HB 82x60/25-60K	82	60	25	60	6005 ZZ				440
HB 82x65/20-65K	82	65	20	65	6204 ZZ	RK-HB 082x065/47x14-65-Z	47	14	470
HB 82x65/20-71K	82	65	20	71	6204 ZZV				470
HB 82x70/20-70K	82	70	20	70	6204 ZZ	RK-HB 082x070/47x14-70-Z	47	14	510
HB 82x70/20-72K	82	70	20	72	6204 ZZ				510
HB 82x100/20-100K	82	100	20	100	6204 ZZ	RK-HB 082x100/47x14-100-Z	47	14	730
HB 82x100/20-104K	82	100	20	104	6204 ZZV				730
HB 85x60/17-60K	85	60	17	60	6303 ZZ	RK-HB 085x060/47x14-60-Z	47	14	450
HB 85x60/20-60K	85	60	20	60	6204 ZZ				450
HB 85x60/20-65K	85	60	20	65	6204 ZZV				450
HB 85x70/17-70K	85	70	17	70	6303 ZZ	RK-HB 085x070/47x14-70-Z	47	14	530
HB 85x70/20-70K	85	70	20	70	6204 ZZ				530
HB 85x70/20-75K	85	70	20	75	6204 ZZV				530
HB 85x75/17-75K	85	75	17	75	6303 ZZ	RK-HB 085x075/47x14-75-Z	47	14	570
HB 85x75/20-75K	85	75	20	75	6204 ZZ				570
HB 85x75/25-75K	85	75	25	75	6005 ZZ				570
HB 85x80/17-82K	85	80	17	82	6303 ZZ	RK-HB 085x080/47x14-80-Z	47	14	610
HB 85x80/20-80K	85	80	20	80	6204 ZZ				610
HB 85x80/20-85K	85	80	20	85	6204 ZZV				610
HB 85x80/25-80K	85	80	25	80	6005 ZZ				610
HB 85x80/25-85K	85	80	25	85	6005 ZV				610
HB 85x90/17-90K	85	90	17	90	6303 ZZ	RK-HB 085x090/47x14-90-Z	47	14	680
HB 85x90/20-90K	85	90	20	90	6204 ZZ				680
HB 85x100/17-100K	85	100	17	100	6303 ZZ	RK-HB 085x100/47x14-100-Z	47	14	760
HB 85x100/20-100K	85	100	20	100	6204 ZZ				760
HB 85x100/20-102K	85	100	20	102	6204 ZZV				760
HB 85x100/25-100K	85	100	25	100	6005 ZZ				760

Further dimensions upon request

### Options



Hydrolysis resistant, with nylon wheel centre	Splash and washproof version
Technical description page	39
<b>Product code</b>	<b>HPOB series</b> <b>HBW series</b>
Available for	upon request      upon request



Series: HTHW, dimensions 82x60 - 85x80 mm

## Rollers for pallet trucks with Blickle Extrathane® polyurethane tread, with steel wheel centre, splash and washproof version

440 - 800 kg

✓RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### HTHW-pallet truck roller series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of steel or grey cast iron.

#### Bearing type:

- Ball bearing: Two pressed-in ball bearings, additional ball bearing seals, lubricated with long-life grease.

#### Other features:

The combination of clearance sealing and slipping sealing ensures an optimum ball bearing protection against splash water and contamination.

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

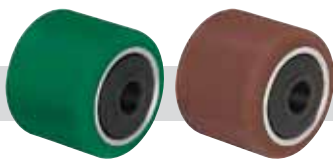
Maintenance-free under standard conditions.

**Wheel series overview page 55**

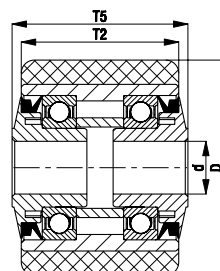
Rollers for pallet trucks	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
HTHW 82x60/12-64K	82	60	440	Ball bearing	12	64
HTHW 82x60/20-64K	82	60	440	Ball bearing	20	64
HTHW 82x70/20-74K	82	70	510	Ball bearing	20	74
HTHW 82x82/20-86K	82	82	600	Ball bearing	20	86
HTHW 82x100/20-104K	82	100	730	Ball bearing	20	104
HTHW 82x110/25-115K	82	110	800	Ball bearing	25	115
HTHW 85x60/12-65K	85	60	450	Ball bearing	12	65
HTHW 85x60/17-65K	85	60	450	Ball bearing	17	65
HTHW 85x60/20-65K	85	60	450	Ball bearing	20	65
HTHW 85x60/25-65K	85	60	450	Ball bearing	25	65
HTHW 85x65/12-70K	85	65	490	Ball bearing	12	70
HTHW 85x65/17-70K	85	65	490	Ball bearing	17	70
HTHW 85x65/20-70K	85	65	490	Ball bearing	20	70
HTHW 85x65/25-70K	85	65	490	Ball bearing	25	70
HTHW 85x70/12-75K	85	70	530	Ball bearing	12	75
HTHW 85x70/17-75K	85	70	530	Ball bearing	17	75
HTHW 85x70/20-75K	85	70	530	Ball bearing	20	75
HTHW 85x70/25-75K	85	70	530	Ball bearing	25	75
HTHW 85x75/12-80K	85	75	570	Ball bearing	12	80
HTHW 85x75/17-80K	85	75	570	Ball bearing	17	80
HTHW 85x75/20-80K	85	75	570	Ball bearing	20	80
HTHW 85x75/25-80K	85	75	570	Ball bearing	25	80
HTHW 85x80/12-85K	85	80	610	Ball bearing	12	85
HTHW 85x80/17-82K	85	80	610	Ball bearing	17	82
HTHW 85x80/17-85K	85	80	610	Ball bearing	17	85
HTHW 85x80/20-85K	85	80	610	Ball bearing	20	85
HTHW 85x80/25-85K	85	80	610	Ball bearing	25	85

For further dimensions refer to the next page

### Options



	With Blickle Softhane® polyurethane tread *	With Blickle Besthane® polyurethane tread
Technical description page	39	39
<b>Product code</b>	<b>HSTW series</b>	<b>HBW series</b>
Available for	upon request	upon request



\* 75° shore A hardness



Series: HTHW, dimensions 85x85 - 85x110 mm

## Rollers for pallet trucks with Blickle Extrathane® polyurethane tread, with steel wheel centre, splash and washproof version

650 - 840 kg

✓RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### HTHW-pallet truck roller series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of steel or grey cast iron.

#### Bearing type:

- Ball bearing: Two pressed-in ball bearings, additional ball bearing seals, lubricated with long-life grease.

#### Other features:

The combination of clearance sealing and slipping sealing ensures an optimum ball bearing protection against splash water and contamination.

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

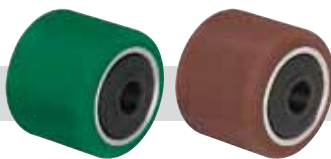
Maintenance-free under standard conditions.

**Wheel series overview page 55**

Rollers for pallet trucks	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
HTHW 85x85/12-90K	85	85	650	Ball bearing	12	90
HTHW 85x85/17-90K	85	85	650	Ball bearing	17	90
HTHW 85x85/20-90K	85	85	650	Ball bearing	20	90
HTHW 85x85/25-90K	85	85	650	Ball bearing	25	90
HTHW 85x90/12-95K	85	90	680	Ball bearing	12	95
HTHW 85x90/17-95K	85	90	680	Ball bearing	17	95
HTHW 85x90/20-95K	85	90	680	Ball bearing	20	95
HTHW 85x90/25-95K	85	90	680	Ball bearing	25	95
HTHW 85x95/12-100K	85	95	720	Ball bearing	12	100
HTHW 85x95/17-100K	85	95	720	Ball bearing	17	100
HTHW 85x95/20-100K	85	95	720	Ball bearing	20	100
HTHW 85x95/25-100K	85	95	720	Ball bearing	25	100
HTHW 85x100/12-105K	85	100	760	Ball bearing	12	105
HTHW 85x100/17-105K	85	100	760	Ball bearing	17	105
HTHW 85x100/20-105K	85	100	760	Ball bearing	20	105
HTHW 85x100/25-105K	85	100	760	Ball bearing	25	105
HTHW 85x105/12-110K	85	105	800	Ball bearing	12	110
HTHW 85x105/17-110K	85	105	800	Ball bearing	17	110
HTHW 85x105/20-110K	85	105	800	Ball bearing	20	110
HTHW 85x105/25-110K	85	105	800	Ball bearing	25	110
HTHW 85x110/12-115K	85	110	840	Ball bearing	12	115
HTHW 85x110/17-115K	85	110	840	Ball bearing	17	115
HTHW 85x110/20-115K	85	110	840	Ball bearing	20	115
HTHW 85x110/25-115K	85	110	840	Ball bearing	25	115

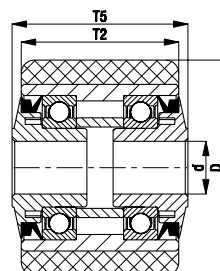
Further dimensions upon request

### Options



	With Blickle Softhane® polyurethane tread *	With Blickle Besthane® polyurethane tread
Technical description page	39	39
<b>Product code</b>	<b>HSTW series</b>	<b>HBW series</b>
Available for	upon request	upon request

\* 75° shore A hardness





Series: HPO

## Nylon rollers for pallet trucks

420 - 1100 kg

RoHS



<b>Tread &amp; tyre hardness</b>	70° shore D
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	reasonable
<b>Floor surface preservation</b>	reasonable

### HPO-pallet truck roller series:

Made of high-quality, impact-resistant nylon, 70° shore D hardness, very low rolling resistance, smooth running performance on even floors, high abrasion resistance, colour natural white. (Material description page 40)

### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +80° C.

At ambient temperatures above +35° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 55**

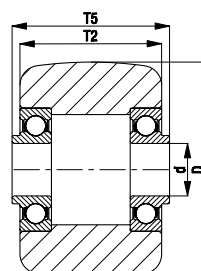
<b>Rollers for pallet trucks</b>	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
HPO 80x61/20-67K	80	61	600	6204 ZZV	20	67
HPO 80x70/20-76K	80	70	650	6204 ZZV	20	76
HPO 80x74/20-80K	80	74	700	6204 ZZV	20	80
HPO 82x54/20-54K	82	54	600	6204 ZZ	20	54
HPO 82x54/20-60K	82	54	600	6204 ZZV	20	60
HPO 82x60/20-60K	82	60	610	6204 ZZ	20	60
HPO 82x60/25-60K	82	60	610	6005 ZZ	25	60
HPO 82x62/20-65K	82	62	620	6204 ZZV	20	65
HPO 82x64/20-64K	82	64	650	6204 2RS	20	64
HPO 82x66/20-72K	82	66	675	6204 ZZV	20	72
HPO 82x68/20-74K	82	68	675	6204 ZZV	20	74
HPO 82x70/20-62K	82	70	700	6204 ZZ	20	62
HPO 82x70/20-70K	82	70	700	6204 ZZ	20	70
HPO 82x73/20-79K	82	73	700	6204 ZZV	20	79
HPO 82x75/20-75K	82	75	750	6204 ZZ	20	75
HPO 82x79/20-85K	82	79	800	6204 ZZV	20	85
HPO 82x80/20-80K	82	80	800	6204 ZZ	20	80
HPO 82x84/20-84K	82	84	850	6204 ZZ	20	84
HPO 82x91/20-97K	82	91	900	6204 ZZV	20	97
HPO 82x93/20-93K	82	93	900	6204 ZZ	20	93
HPO 82x98/20-98K	82	98	975	6204 ZZ	20	98
HPO 82x100/20-100K	82	100	1000	6204 ZZ	20	100
HPO 85x40/20-40K	85	40	420	6204 ZZ	20	40
HPO 85x60/17-60K	85	60	650	6303 ZZ	17	60
HPO 85x60/20-60K	85	60	650	6204 ZZ	20	60
HPO 85x65/20-65K	85	65	700	6204 ZZ	20	65
HPO 85x70/20-70K	85	70	750	6204 ZZ	20	70
HPO 85x75/17-78K	85	75	800	BT 22053	17	78
HPO 85x75/20-75K	85	75	800	6204 ZZ	20	75
HPO 85x80/20-80K	85	80	850	6204 ZZ	20	80
HPO 85x85/20-85K	85	85	900	6204 ZZ	20	85
HPO 85x90/20-90K	85	90	950	6204 ZZ	20	90
HPO 85x100/17-103K	85	100	1100	BT 22053	17	103
HPO 85x100/20-100K	85	100	1100	6204 ZZ	20	100

Further dimensions upon request

### Options

	With stainless steel ball bearing *	Made of cast nylon for higher load capacities
Technical description page	61	40
<b>Product code suffix</b>	<b>-XK</b>	<b>GSP0 series</b>
Available for	upon request	upon request

\* Some dimensions will result in a reduced load capacity (ask for details)



Series: ALEV, ALST, ALTH, PO

## Steer wheels for pallet trucks

550 - 800 kg

RoHS



### ALEV-wheel series:

**Tyres:** Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black.

**Wheel centre:** Made of die-cast aluminium.

**Bearing type:** Two pressed-in ball bearings.  
Detailed description: Page 45

### ALST-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining.

**Wheel centre:** Made of die-cast aluminium.

**Bearing type:** Two pressed-in ball bearings.  
Detailed description: Page 47

### ALTH-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining.

**Wheel centre:** Made of die-cast aluminium.

**Bearing type:** Two pressed-in ball bearings.  
Detailed description: Page 48

### PO-wheel series:

Made of high-quality, impact-resistant nylon, 70° shore D, natural white.

**Bearing type:** Two pressed-in ball bearings.  
Detailed description: Page 49

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Clamping length (T5) [mm]
<b>ALEV series</b>							
ALEV 200x50/20-54K	200	50	550	Ball bearing	20	60	54
ALEV 200x50/25-50K	200	50	550	Ball bearing	25	60	50
<b>ALST series</b>							
ALST 200x50/20-54K	200	50	640	Ball bearing	20	60	54
ALST 200x50/25-50K	200	50	640	Ball bearing	25	60	50
<b>ALTH series</b>							
ALTH 180x50/20-54K	180	50	600	Ball bearing	20	60	54
ALTH 180x50/25-50K	180	50	600	Ball bearing	25	60	50
ALTH 200x50/20-40K	200	50	800	Ball bearing	20	50	40
ALTH 200x50/20-54K	200	50	800	Ball bearing	20	60	54
ALTH 200x50/25-36K	200	50	800	Ball bearing	25	50	36
ALTH 200x50/25-50K	200	50	800	Ball bearing	25	60	50
<b>PO series</b>							
PO 200x50/20-54K	200	50	600	Ball bearing	20	60	54
PO 200x50/25-50K	200	50	600	Ball bearing	25	60	50

### Options

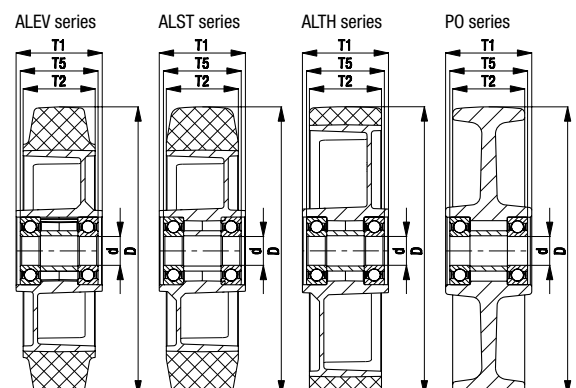


With stainless steel ball bearing

Technical description page 61

Product code suffix -XK

Available for upon request

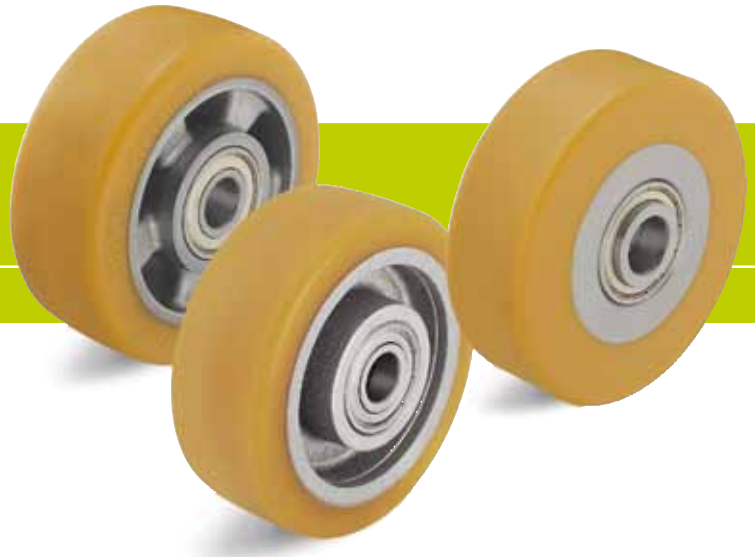


Series: ALTH, GTH, VSTH

## Heavy duty wheels with Blickle Extrathane® polyurethane tread, with aluminium, cast iron or steel wheel centre

350 - 1100 kg

✓RoHS



**ALTH, GTH, VSTH-wheel series:**  
**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.  
 (Material description page 39)

**Wheel centre:**

ALTH series: Made of die-cast aluminium.  
 GTH series: Made of rugged grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, colour silver.  
 VSTH series: Made of steel.

**Bearing type:**

• Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

**Other features:**

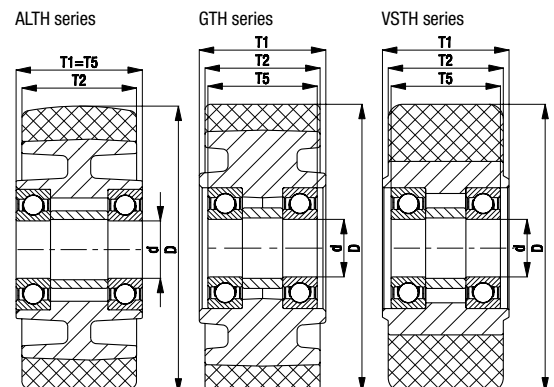
High chemical resistance to many aggressive substances (table page 36-37).  
 Operating temperature: -25° C to +70° C, temporarily up to +90° C.  
 At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 48**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Clamping length (T5) [mm]
<b>ALTH series</b>							
ALTH 101/15K	100	40	350	Ball bearing	15	40	40
ALTH 140/20K	140	54	500	Ball bearing	20	60	60
<b>GTH series</b>							
GTH 101/20-50K	100	50	500	Ball bearing	20	50	50
GTH 110x50/20-46K	110	50	550	Ball bearing	20	50	46
GTH 125x40/20-48K	125	40	500	Ball bearing	20	50	48
GTH 127/20-50K	125	50	600	Ball bearing	20	50	50
GTH 127/25-50K	125	50	600	Ball bearing	25	50	50
GTH 140/20K	140	54	800	Ball bearing	20	60	60
GTH 140x59/20-68K	140	59	750	Ball bearing	20	68	68
GTH 140x59/25-54K	140	59	750	Ball bearing	25	68	54
GTH 150/20-50K	150	50	750	Ball bearing	20	50	50
GTH 150/20-58K	150	50	750	Ball bearing	20	60	58
GTH 150x54/20-58K	150	54	770	Ball bearing	20	60	58
GTH 150x54/20-60K	150	54	770	Ball bearing	20	60	60
GTH 150x55/25-59K	150	55	770	Ball bearing	25	57	59
GTH 182/25K	180	65	1100	Ball bearing	25	75	75
<b>VSTH series</b>							
VSTH 100x40/20-40K	100	40	360	Ball bearing	20	40	40
VSTH 100x40/20-44K	100	40	360	Ball bearing	20	44	44
VSTH 100x40/20-43K	100	40	360	Ball bearing	20	45	43
VSTH 100x40/25-40K	100	40	360	Ball bearing	25	40	40
VSTH 120x50/25-50K	120	50	540	Ball bearing	25	50	50
VSTH 125x43/20-49K	125	43	480	Ball bearing	20	43	49

For further dimensions refer to page 246, 445 (ALTH), 258-259 (GTH, VSTH)



Series: GB

**Heavy duty wheels with Blickle Besthane® polyurethane tread, with cast iron wheel centre**

400 - 1100 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-25° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



**GB-wheel series:**

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, very low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron, wheel Ø 150 mm or larger with grease nipple, lacquered, colour silver.

**Bearing type:**

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

**Other features:**

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -25° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 48**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 10 km/h * [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Clamping length (T5) [mm]
<b>GB 100/15K</b>	100	40	400	240	Ball bearing	15	40	40
<b>GB 101/20-50K</b>	100	50	500	300	Ball bearing	20	50	50
<b>GB 128/20K</b>	125	60	700	420	Ball bearing	20	60	60
<b>GB 140/20K</b>	140	54	800	480	Ball bearing	20	60	60
<b>GB 150/20-50K</b>	150	50	750	450	Ball bearing	20	50	50
<b>GB 150x54/20-60K</b>	150	54	770	460	Ball bearing	20	60	60
<b>GB 152/20K</b>	150	60	850	500	Ball bearing	20	60	60
<b>GB 152/25K</b>	150	60	850	500	Ball bearing	25	60	60
<b>GB 154/25-78K</b>	150	80	1050	630	Ball bearing	25	78	78
<b>GB 182/25K</b>	180	65	1100	700	Ball bearing	25	75	75

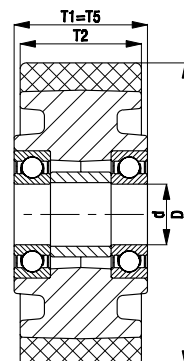
\* Considerably higher load capacities are possible for applications without obstacles

**For further dimensions refer to page 268-269**



**Options**

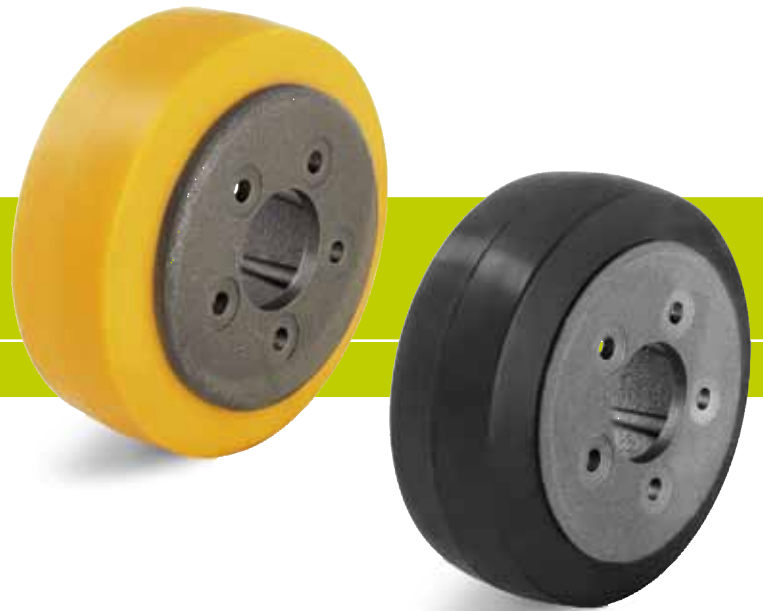
	Hydrolysis resistant, with cast nylon wheel centre
Technical description page	39
<b>Product code</b>	<b>GSP0B series</b>
Available for	upon request



Series: RTH, RB, REV

## Drive and running wheels for stackers and forklift trucks

✓RoHS



### RTH-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron or ductile cast iron.

**Wheel series overview page 55**

### RB-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron.

**Wheel series overview page 56**

### REV-wheel series:

**Tyres:** Made of superior drive-quality, elastic solid rubber, 70° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, abrasion resistance, colour black.

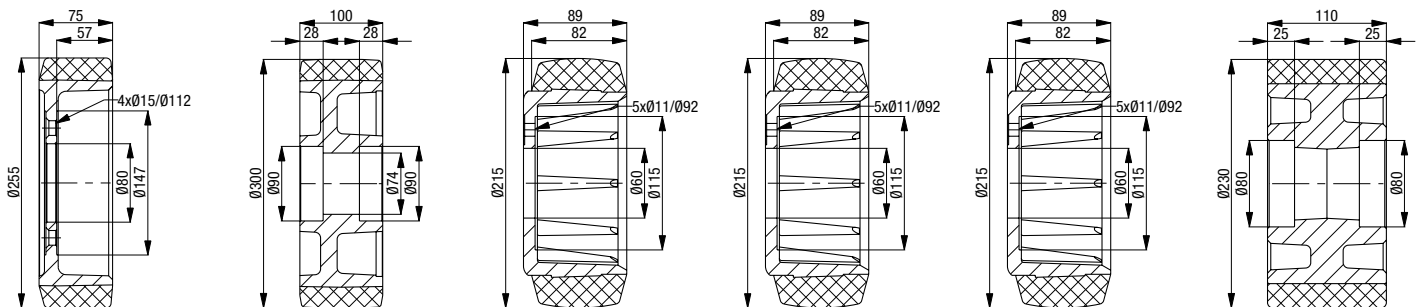
REV 215x82/60-5-SG: Colour grey, non-marking. (Material description page 38)

**Wheel centre:** Made of rugged ductile cast iron.

**Wheel series overview page 56**



Atlet	BT	BT	BT	BT	BT
Suitable for Manufacturer No. <b>78120</b>	Suitable for Manufacturer No. <b>74559</b>	Suitable for Manufacturer No. <b>127352</b>	Suitable for Manufacturer No. <b>129920</b>	Suitable for Manufacturer No. <b>129938</b>	Suitable for Manufacturer No. <b>133862</b>
Product code	Product code	Product code	Product code	Product code	Product code
<b>RTH 255x75/80-4</b>	<b>RB 300x100/90x28</b>	<b>REV 215x82/60-5-SG</b>	<b>RTH 215x82/60-5</b>	<b>REV 215x82/60-5</b>	<b>RTH 230x110/80x25</b>



Further dimensions upon request



Series: RTH, RB, REV

## Drive and running wheels for stackers and forklift trucks

✓RoHS



### RTH-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron or ductile cast iron.

RTH 230x85/161-N: Made of steel, lightly oiled surface.

**Wheel series overview page 55**

### RB-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged ductile cast iron.

**Wheel series overview page 56**

### REV-wheel series:

**Tyres:** Made of superior drive-quality, elastic solid rubber, 70° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, abrasion resistance, colour black.

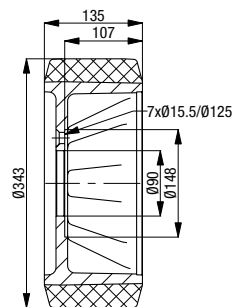
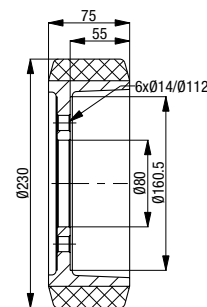
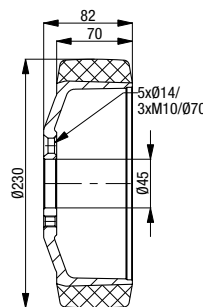
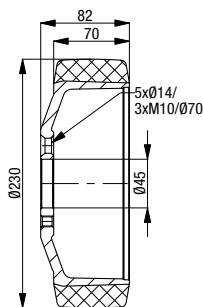
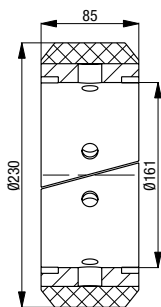
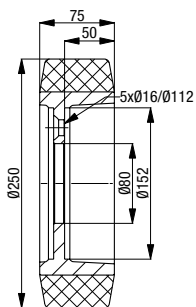
(Material description page 38)

**Wheel centre:** Made of rugged ductile cast iron.

**Wheel series overview page 56**



BT	BV	BV	BV	BV	Fenwick-Linde
Suitable for Manufacturer No. 138457	Suitable for Manufacturer No. 3010177	Suitable for Manufacturer No. 3070053	Suitable for Manufacturer No. 3070056	Suitable for Manufacturer No. 3070068	Suitable for Manufacturer No. 29903814
Product code	Product code	Product code	Product code	Product code	Product code
RTH 250x75/80-5	RTH 230x85/161-N	RTH 230x70/45-5+3	REV 230x70/45-5+3	RTH 230x75/80-6	RB 343x135/90-7

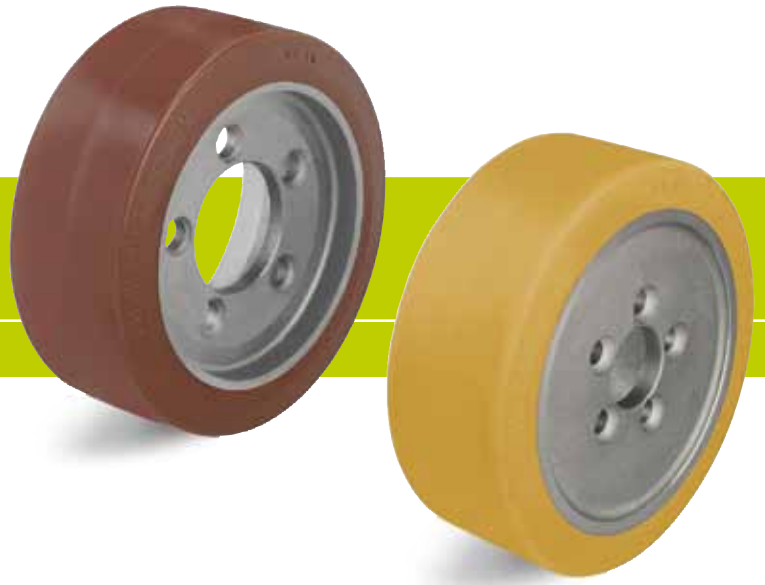


Further dimensions upon request

Series: RTH, RB, REV

## Drive and running wheels for stackers and forklift trucks

✓RoHS



### RTH-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron.

**Wheel series overview page 55**

### RB-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron.

**Wheel series overview page 56**

### REV-wheel series:

**Tyres:** Made of superior drive-quality, elastic solid rubber, 70° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, abrasion resistance, colour black.

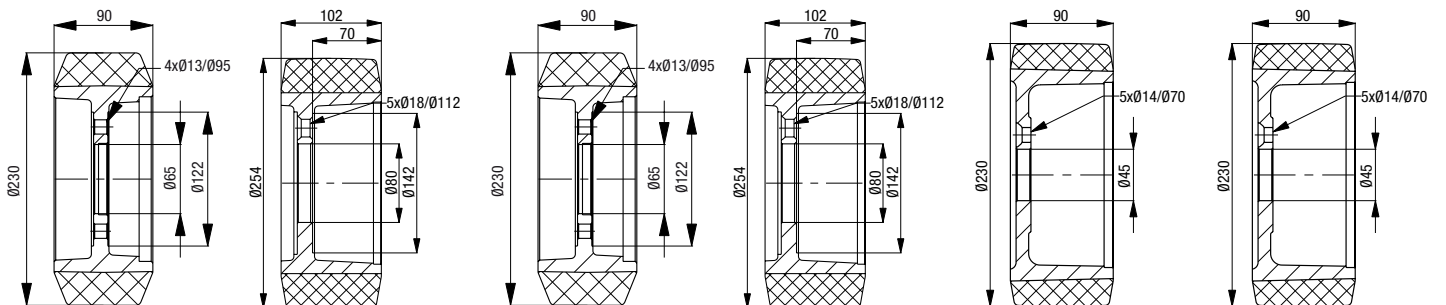
(Material description page 38)

**Wheel centre:** Made of rugged grey cast iron.

**Wheel series overview page 56**



Fenwick-Linde	Fenwick-Linde	Fenwick-Linde	Fenwick-Linde	Fenwick-Linde	Fenwick-Linde
Suitable for Manufacturer No. 39902305	Suitable for Manufacturer No. 39902308	Suitable for Manufacturer No. 39902310	Suitable for Manufacturer No. 39902311	Suitable for Manufacturer No. 39933824	Suitable for Manufacturer No. 39933826
Product code	Product code	Product code	Product code	Product code	Product code
RTH 230x90/65-4	REV 254x102/80-5	REV 230x90/65-4	RB 254x102/80-5	REV 230x90/45-5	RTH 230x90/45-5



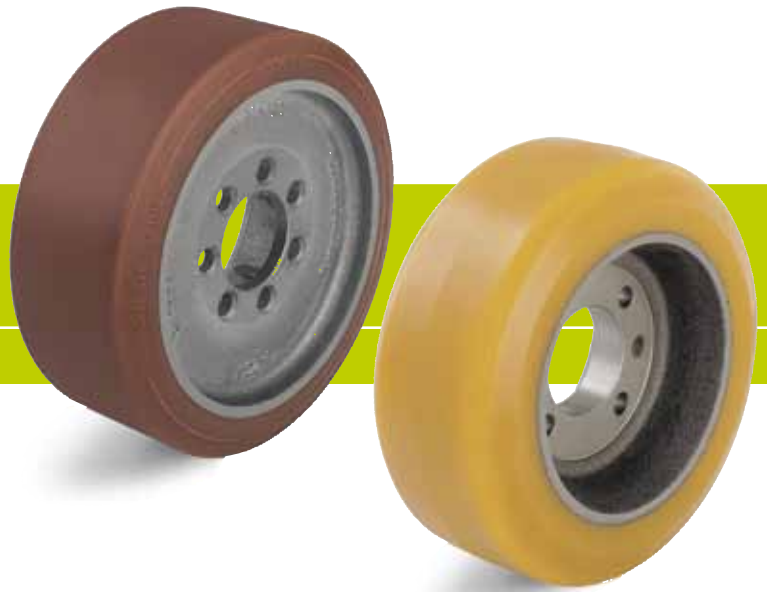
23

Further dimensions upon request

Series: RTH, RB, REV

## Drive and running wheels for stackers and forklift trucks

✓RoHS



### RTH-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron.

**Wheel series overview page 55**

### RB-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron or ductile cast iron.

**Wheel series overview page 56**

### REV-wheel series:

**Tyres:** Made of superior drive-quality, elastic solid rubber, 70° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, abrasion resistance, colour black.

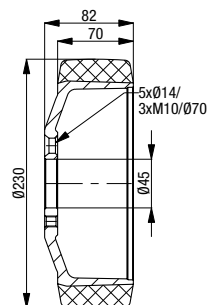
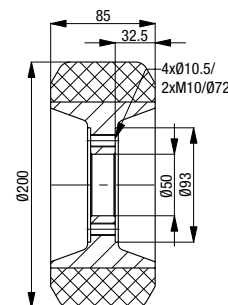
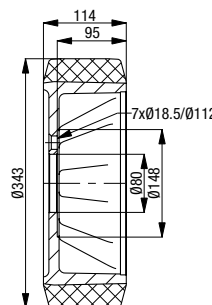
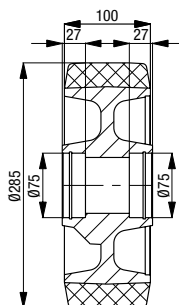
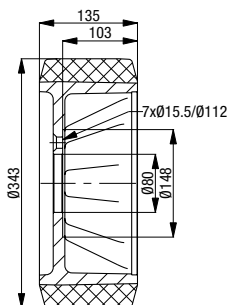
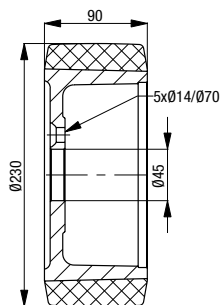
(Material description page 38)

**Wheel centre:** Made of rugged ductile cast iron.

**Wheel series overview page 56**



Fenwick-Linde	Fenwick-Linde	Jungheinrich	Jungheinrich	Jungheinrich	Jungheinrich
Suitable for Manufacturer No. <b>39933826</b>	Suitable for Manufacturer No. <b>9815054219</b>	Suitable for Manufacturer No. <b>6313138</b>	Suitable for Manufacturer No. <b>6313503</b>	Suitable for Manufacturer No. <b>6315408</b>	Suitable for Manufacturer No. <b>6319050</b>
Product code	Product code	Product code	Product code	Product code	Product code
<b>RB 230x90/45-5</b>	<b>RB 343x135/80-7</b>	<b>RB 285x100/75x27</b>	<b>RB 343x114/80-7</b>	<b>RTH 200x85/50-4+2</b>	<b>REV 230x70/45-5+3</b>



Further dimensions upon request

Series: RTH, RB, REV

## Drive and running wheels for stackers and forklift trucks

✓RoHS



### RTH-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron.

**Wheel series overview page 55**

### RB-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron or ductile cast iron.

**Wheel series overview page 56**

### REV-wheel series:

**Tyres:** Made of superior drive-quality, elastic solid rubber, 70° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, abrasion resistance, colour black, steel-wire reinforced version.

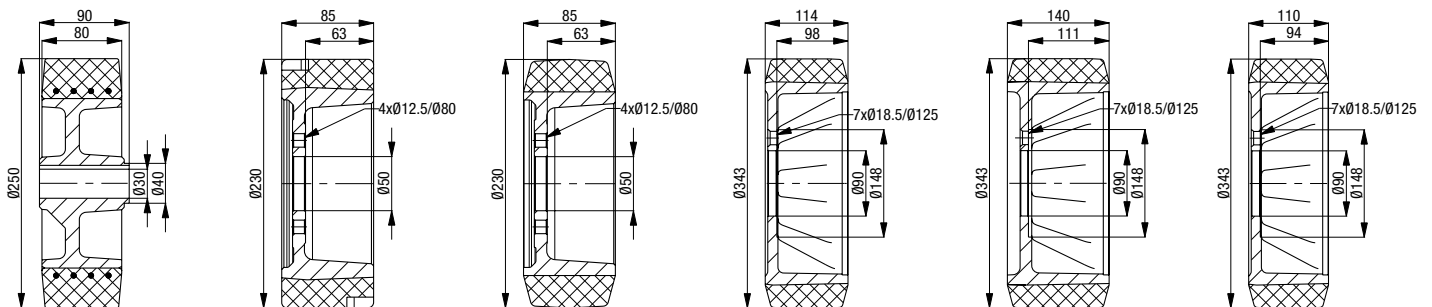
(Material description page 38)

**Wheel centre:** Made of rugged grey cast iron.

**Wheel series overview page 56**



Jungheinrich	Jungheinrich	Jungheinrich	Jungheinrich	Jungheinrich	Jungheinrich
Suitable for Manufacturer No. <b>7130113</b>	Suitable for Manufacturer No. <b>7134004</b>	Suitable for Manufacturer No. <b>7134268</b>	Suitable for Manufacturer No. <b>50262633</b>	Suitable for Manufacturer No. <b>50429920</b>	Suitable for Manufacturer No. <b>51130049</b>
Product code <b>REV 250x80/30-90-N</b>	Product code <b>RTH 230x85/50-4-GL</b>	Product code <b>REV 230x85/50-4</b>	Product code <b>RB 343x114/90-7</b>	Product code <b>RB 343x140/90-7</b>	Product code <b>RB 343x110/90-7</b>

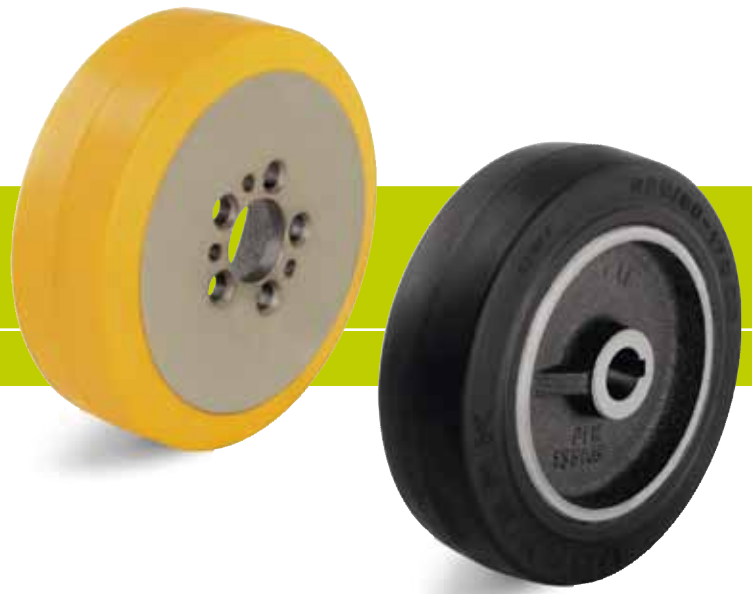


Further dimensions upon request

Series: RTH, RB, REV

## Drive and running wheels for stackers and forklift trucks

✓RoHS



### RTH-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron or ductile cast iron.

**Wheel series overview page 55**

### RB-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged ductile cast iron.

**Wheel series overview page 56**

### REV-wheel series:

**Tyres:** Made of superior drive-quality, elastic solid rubber, 70° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, abrasion resistance, colour black, steel-wire reinforced version.

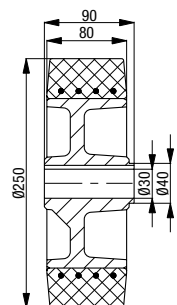
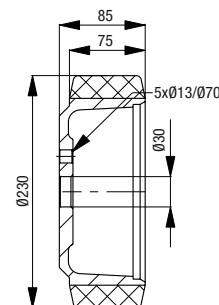
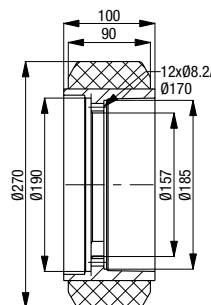
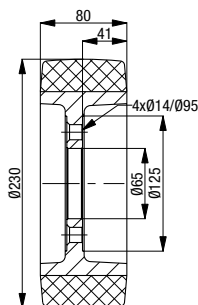
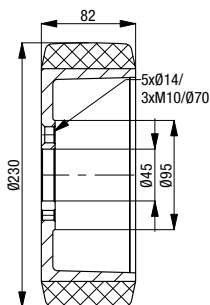
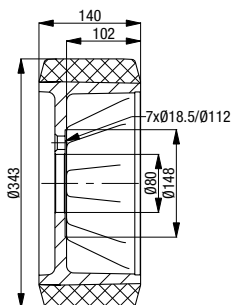
(Material description page 38)

**Wheel centre:** Made of rugged grey cast iron.

**Wheel series overview page 56**



Jungheinrich	Jungheinrich	Jungheinrich	Loc	Lugli	Mic
Suitable for Manufacturer No. <b>63145890</b>	Suitable for Manufacturer No. <b>63215600</b>	Suitable for Manufacturer No. <b>77800067</b>	Suitable for Manufacturer No. <b>539134</b>	Suitable for Manufacturer No. <b>2705205</b>	Suitable for Manufacturer No. <b>28862</b>
Product code <b>RB 343x140/80-7</b>	Product code <b>RTH 230x82/45-5+3</b>	Product code <b>RTH 230x80/65-4-75SH</b>	Product code <b>RTH 270x90/157-12</b>	Product code <b>RTH 230x75/30-5</b>	Product code <b>REV 250x80/30-90-N</b>



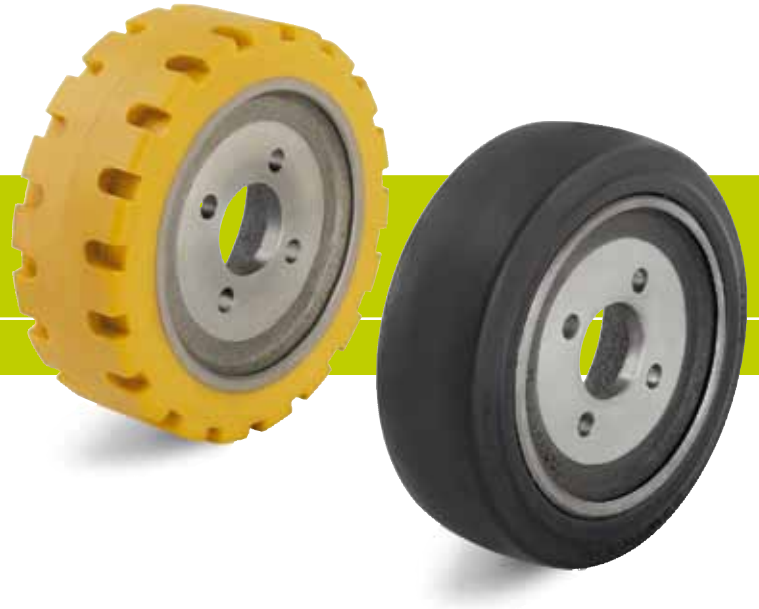
Further dimensions upon request



Series: RTH, REV

## Drive and running wheels for stackers and forklift trucks

✓RoHS



### RTH-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron or ductile cast iron.

Wheel series overview page 55

### REV-wheel series:

**Tyres:** Made of superior drive-quality, elastic solid rubber, 70° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, abrasion resistance, colour black, steel-wire reinforced version.

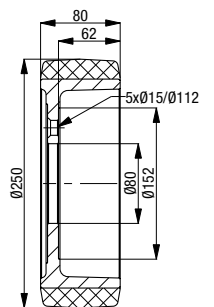
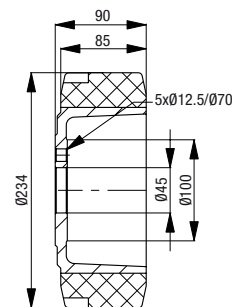
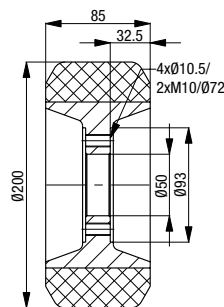
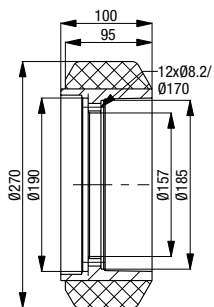
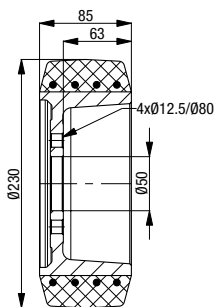
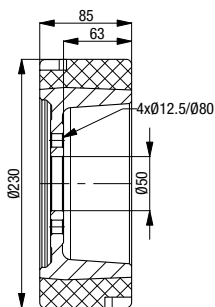
(Material description page 38)

**Wheel centre:** Made of rugged grey cast iron.

Wheel series overview page 56



Mic	Mic	Mic	Mic	Mic	Pimespo
Suitable for Manufacturer No. 58259	Suitable for Manufacturer No. 58269	Suitable for Manufacturer No. 200117240	Suitable for Manufacturer No. 506318547	Suitable for Manufacturer No. 65698001	Suitable for Manufacturer No. 81504005
Product code	Product code	Product code	Product code	Product code	Product code
RTH 230x85/50-4-GL	REV 230x85/50-4	RTH 270x95/157-12	RTH 200x85/50-4+2	RTH 234x85/45-5-GL	RTH 250x80/80-5-PI



Further dimensions upon request

Series: RTH

## Drive and running wheels for stackers and forklift trucks

✓RoHS



### RTH-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

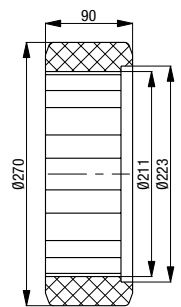
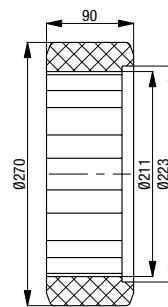
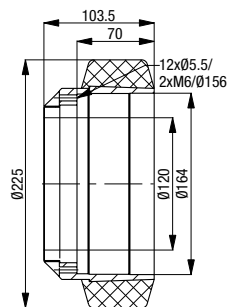
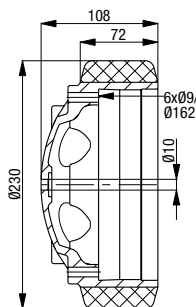
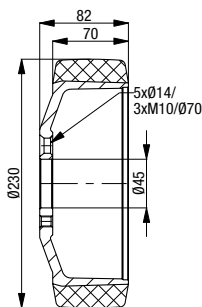
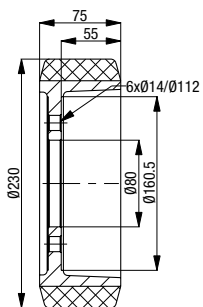
(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron or ductile cast iron.

Wheel series overview page 55



Pimespo	Pimespo	Prat	Prat	Rocla	Steinbock
Suitable for Manufacturer No. 95309172	Suitable for Manufacturer No. 95309393	Suitable for Manufacturer No. 55667	Suitable for Manufacturer No. 68352	Suitable for Manufacturer No. 509937	Suitable for Manufacturer No. 29093
Product code	Product code	Product code	Product code	Product code	Product code
RTH 230x75/80-6	RTH 230x70/45-5+3	RTH 230x72/10-6-P	RTH 225x70/120-12-P	RTH 270x90/211	RTH 270x90/211



Further dimensions upon request

Series: RTH, RB, REV

## Drive and running wheels for stackers and forklift trucks

✓RoHS



### RTH-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron or ductile cast iron.

**Wheel series overview page 55**

### RB-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron or ductile cast iron.

**Wheel series overview page 56**

### REV-wheel series:

**Tyres:** Made of superior drive-quality, elastic solid rubber, 70° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, abrasion resistance, colour black, steel-wire reinforced version.

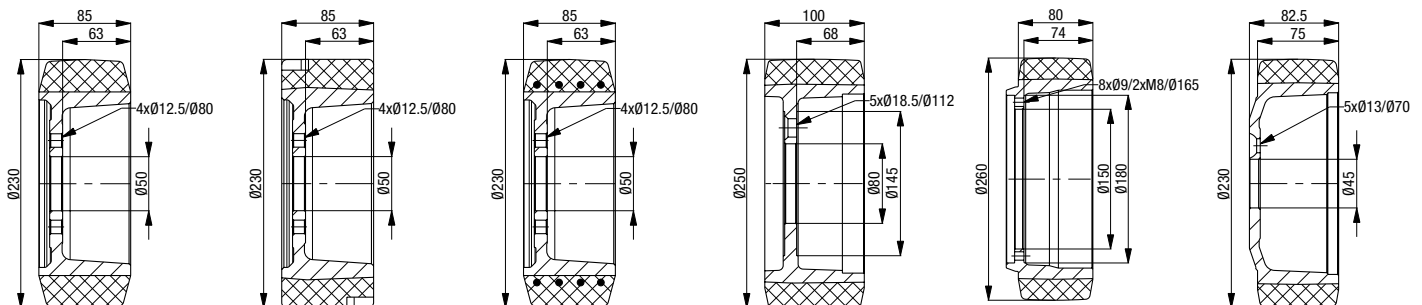
(Material description page 38)

**Wheel centre:** Made of rugged grey cast iron.

**Wheel series overview page 56**



Still	Still	Still	Still	Still	Still
Suitable for Manufacturer No. <b>5453866</b>	Suitable for Manufacturer No. <b>5453870</b>	Suitable for Manufacturer No. <b>5453874</b>	Suitable for Manufacturer No. <b>9903803</b>	Suitable for Manufacturer No. <b>9933831</b>	Suitable for Manufacturer No. <b>359920</b>
Product code	Product code	Product code	Product code	Product code	Product code
<b>RTH 230x85/50-4</b>	<b>RTH 230x85/50-4-GL</b>	<b>REV 230x85/50-4</b>	<b>RB 250x100/80-5</b>	<b>RB 260x80/150-8+2</b>	<b>RTH 230x75/45-5</b>



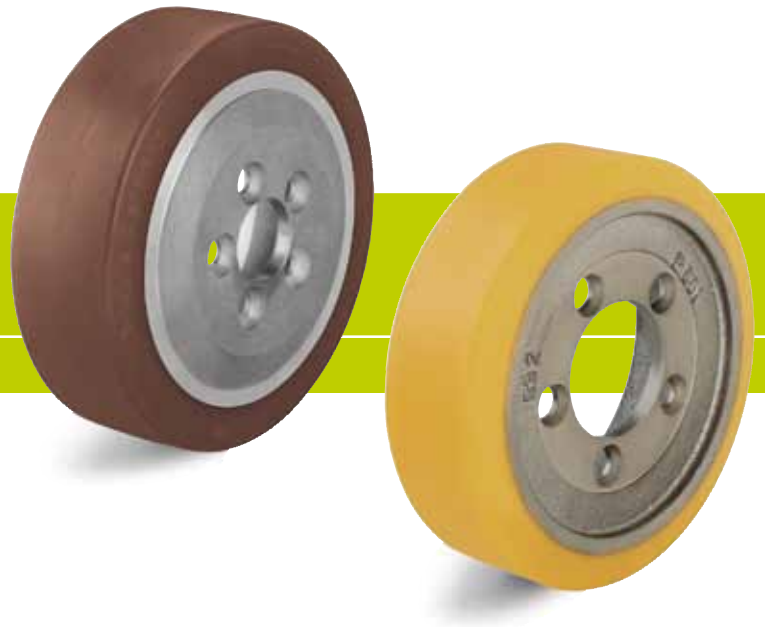
23

Further dimensions upon request

Series: RTH, RB

## Drive and running wheels for stackers and forklift trucks

✓RoHS



### RTH-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron or ductile cast iron.

Wheel series overview page 55

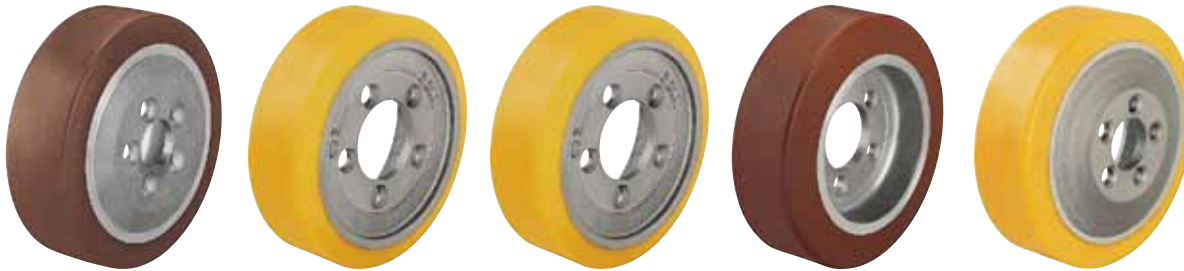
### RB-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.

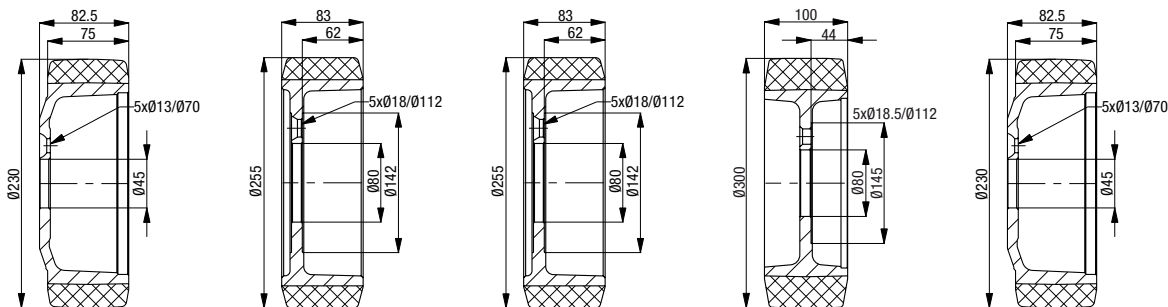
(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron or ductile cast iron.

Wheel series overview page 56



Still	Stöcklin	Wagner	Wagner	Wagner
Suitable for Manufacturer No. <b>359920</b>	Suitable for Manufacturer No. <b>360503</b>	Suitable for Manufacturer No. <b>305061</b>	Suitable for Manufacturer No. <b>334295</b>	Suitable for Manufacturer No. <b>359920</b>
Product code	Product code	Product code	Product code	Product code
<b>RB 230x75/45-5</b>	<b>RTH 255x83/80-5</b>	<b>RTH 255x83/80-5</b>	<b>RB 300x100/80-5</b>	<b>RTH 230x75/45-5</b>



Further dimensions upon request



## Drive and hub fitting wheels





## Table of Contents



### GEVN/GEVA

Series GEVN/GEVA  
Wheel Ø 160 - 620 mm  
Load capacity 250 - 3000 kg

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### GSTN/GSTA

Series GSTN/GSTA  
Wheel Ø 75 - 500 mm  
Load capacity 200 - 4200 kg

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### GTHN

Series GTHN  
Wheel Ø 75 - 1000 mm  
Load capacity 300 - 25000 kg

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### GBN/GBA

Serie GBN/GBA  
Rad-Ø 100 - 1000 mm  
Tragfähigkeit 350 - 25000 kg

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### SPKVSN

Series SPKVSN  
Wheel Ø 200 - 300 mm  
Load capacity 2500 - 7000 kg

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### PA

Series PA  
Wheel Ø 400 - 536 mm  
Load capacity 250 - 1300 kg

Page 470



### VLEA

Series VLEA  
Wheel Ø 405 - 525 mm  
Load capacity 950 - 1885 kg

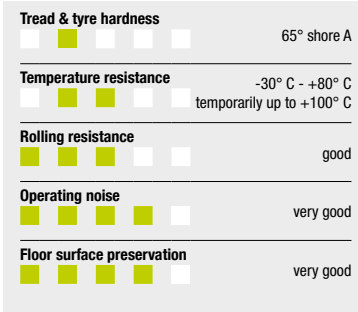
Page 471

Series: GEVN

**Heavy duty drive wheels with hub keyway,  
with elastic solid rubber tyres,  
with cast iron wheel centre**

250 - 3000 kg

RoHS



**GEVN-wheel series:**

**Tyres:** Made of superior drive-quality elastic solid rubber, 65° shore A hardness, with steel-band, very high operational comfort, low-noise operation, very good floor preservation, abrasion resistance, colour black.

Wheel Ø 400 and 500 mm: Made of high-quality elastic solid rubber in smooth rolling quality, 65° shore A hardness, steel-wire reinforced, low rolling resistance.

(Material description page 38)

**Wheel centre:** Made of rugged grey cast iron, plain bore keywayed in acc. to DIN 6885, lacquered, colour anthracite.

**Other features:**

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -30° C to +80° C, temporarily up to +100° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 56**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 16 km/h [kg]	Axle bore Ø (d) [mm]	Hub groove length (B) [mm]	Hub groove height (H) [mm]	Hub length (T1) [mm]
GEVN 160/25H7	160	50	250	-	25 H7	8 JS9	28.3	60
GEVN 200/25H7	200	50	350	-	25 H7	8 JS9	28.3	60
GEVN 200/30H7	200	50	350	-	30 H7	8 JS9	33.3	60
GEVN 250/30H7	250	60	525	320	30 H7	8 JS9	33.3	60
GEVN 250/40H7	250	60	525	320	40 H7	12 JS9	43.3	60
GEVN 252/40H7	250	80	675	410	40 H7	12 JS9	43.3	80
GEVN 302/35H7	300	90	900	540	35 H7	10 JS9	38.3	90
GEVN 360/35H7	360	60	750	450	35 H7	10 JS9	38.3	60
GEVN 362/40H7	360	75	950	570	40 H7	12 JS9	43.3	75
GEVN 400/40H7	400	75	1000	600	40 H7	12 JS9	43.3	75
GEVN 405/50H7	405	130	1500	900	50 H7	14 JS9	53.8	130
GEVN 415/50H7	415	75	1000	600	50 H7	14 JS9	53.8	75
GEVN 425/60H7	425	150	1800	1100	60 H7	18 JS9	64.4	150
GEVN 500/40H7	500	85	1300	780	40 H7	12 JS9	43.3	90
GEVN 520/50H7	520	100	1525	920	50 H7	14 JS9	53.8	100
GEVN 610/80H7	610	150	2250	1350	80 H7	22 JS9	85.4	150
GEVN 620/80H7	620	200	3000	1800	80 H7	22 JS9	85.4	200

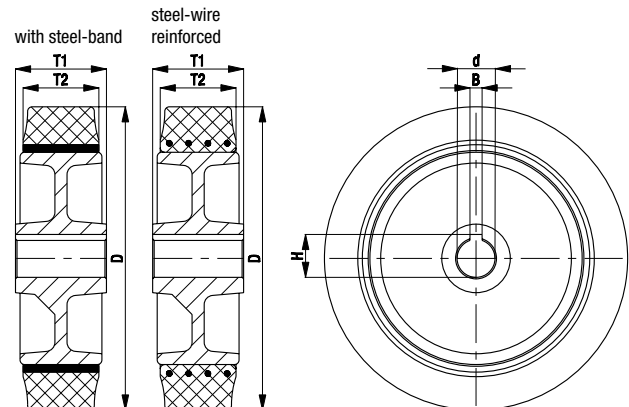
Further dimensions upon request

**Options**



With steel-band tyre in friction wheel quality

Technical description page	38
Product code suffix	-STR
Available for	upon request



Series: GSTN

**Heavy duty drive wheels with hub keyway, with Blickle Softhane® polyurethane tread, with cast iron wheel centre**

200 - 4200 kg

RoHS



<b>Tread &amp; tyre hardness</b>	75° shore A
<b>Temperature resistance</b>	-30° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good



**GSTN-wheel series:**

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Softhane®, 75° shore A hardness, very high operational comfort due to an extremely thick, elastic tread, low-noise operation, low rolling resistance, very good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour green, non-marking, non-staining, very good chemical connection with the wheel centre. (Material description page 39)

**Wheel centre:** Made of rugged grey cast iron, plain bore keywayed in acc. to DIN 6885, lacquered, colour silver.

**Other features:**

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -30° C to +70° C, temporarily up to +90° C.

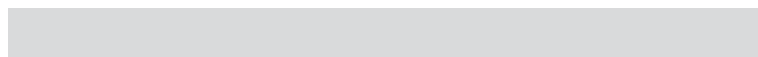
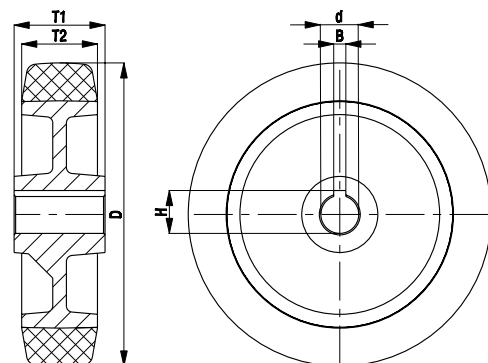
At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 56**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Axle bore Ø (d) [mm]	Hub groove length (B) [mm]	Hub groove height (H) [mm]	Hub length (T1) [mm]
GSTN 75/20H7	75	40	200	20 H7	6 JS9	22.8	40
GSTN 100/20H7	100	40	250	20 H7	6 JS9	22.8	40
GSTN 100/25H7	100	40	250	25 H7	8 JS9	28.3	40
GSTN 127/25H7	125	50	400	25 H7	8 JS9	28.3	60
GSTN 150/25H7	150	50	500	25 H7	8 JS9	28.3	60
GSTN 150/30H7	150	50	500	30 H7	8 JS9	33.3	60
GSTN 160/25H7	160	50	550	25 H7	8 JS9	28.3	60
GSTN 160/30H7	160	50	550	30 H7	8 JS9	33.3	60
GSTN 200/25H7	200	50	700	25 H7	8 JS9	28.3	60
GSTN 200/30H7	200	50	700	30 H7	8 JS9	33.3	60
GSTN 202/35H7	200	80	1000	35 H7	10 JS9	38.3	80
GSTN 251/30H7	250	50	700	30 H7	8 JS9	33.3	60
GSTN 252/40H7	250	80	1100	40 H7	12 JS9	43.3	80
GSTN 302/40H7	300	80	1600	40 H7	12 JS9	43.3	80
GSTN 304/50H7	300	100	2100	50 H7	14 JS9	53.8	100
GSTN 362/50H7	360	75	1700	50 H7	14 JS9	53.8	75
GSTN 402/50H7	400	80	2100	50 H7	14 JS9	53.8	80
GSTN 502/70H7	500	125	4200	70 H7	20 JS9	74.9	125

Further dimensions upon request



Series: GTHN, wheel Ø 75 - 200 mm

**Heavy duty drive wheels with hub keyway, with Blickle Extrathane® polyurethane tread, with cast iron wheel centre**

300 - 1400 kg

✓RoHS



**Tread & tyre hardness**  
 92° shore A

**Temperature resistance**  
 -30° C - +70° C temporarily up to +90° C

**Rolling resistance**  
 very good

**Operating noise**  
 good

**Floor surface preservation**  
 good



**GTHN-wheel series:**

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron, plain bore keywayed in acc. to DIN 6885, lacquered, colour silver.

**Other features:**

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -30° C to +70° C, temporarily up to +90° C.

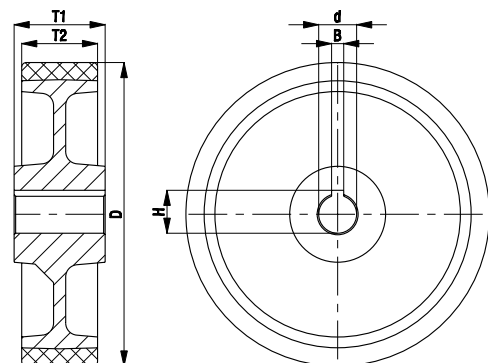
At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 57**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Axle bore Ø (d) [mm]	Hub groove length (B) [mm]	Hub groove height (H) [mm]	Hub length (T1) [mm]
GTHN 75/20H7	75	40	300	20 H7	6 JS9	22.8	40
GTHN 100/20H7	100	40	350	20 H7	6 JS9	22.8	40
GTHN 100/25H7	100	40	350	25 H7	8 JS9	28.3	40
GTHN 125/20H7	125	40	400	20 H7	6 JS9	22.8	40
GTHN 125/25H7	125	40	400	25 H7	8 JS9	28.3	40
GTHN 127/25H7	125	50	550	25 H7	8 JS9	28.3	60
GTHN 127/30H7	125	50	550	30 H7	8 JS9	33.3	60
GTHN 140/25H7	140	50	600	25 H7	8 JS9	28.3	60
GTHN 140/30H7	140	50	600	30 H7	8 JS9	33.3	60
GTHN 150/25H7	150	50	650	25 H7	8 JS9	28.3	60
GTHN 150/30H7	150	50	650	30 H7	8 JS9	33.3	60
GTHN 150/35H7	150	50	650	35 H7	10 JS9	38.3	60
GTHN 160/25H7	160	50	700	25 H7	8 JS9	28.3	60
GTHN 160/30H7	160	50	700	30 H7	8 JS9	33.3	60
GTHN 180/25H7	180	50	800	25 H7	8 JS9	28.3	60
GTHN 180/30H7	180	50	800	30 H7	8 JS9	33.3	60
GTHN 180/35H7	180	50	800	35 H7	10 JS9	38.3	60
GTHN 200/25H7	200	50	900	25 H7	8 JS9	28.3	60
GTHN 200/30H7	200	50	900	30 H7	8 JS9	33.3	60
GTHN 200/35H7	200	50	900	35 H7	10 JS9	38.3	60
GTHN 200/40H7	200	50	900	40 H7	12 JS9	43.3	60
GTHN 202/35H7	200	80	1400	35 H7	10 JS9	38.3	80
GTHN 202/40H7	200	80	1400	40 H7	12 JS9	43.3	80
GTHN 202/50H7	200	80	1400	50 H7	14 JS9	53.8	80

For further wheel Ø refer to the next page



Series: GTHN, wheel Ø 250 - 1000 mm

**Heavy duty drive wheels with hub keyway, with Blickle Extrathane® polyurethane tread, with cast iron wheel centre**

1100 - 25000 kg    RoHS



<b>Tread &amp; tyre hardness</b>		92° shore A
<b>Temperature resistance</b>		-30° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>		very good
<b>Operating noise</b>		good
<b>Floor surface preservation</b>		good



**GTHN-wheel series:**

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron, plain bore keywayed in acc. to DIN 6885, lacquered, colour silver.

**Other features:**

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -30° C to +70° C, temporarily up to +90° C.

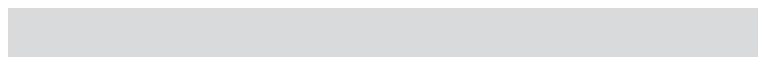
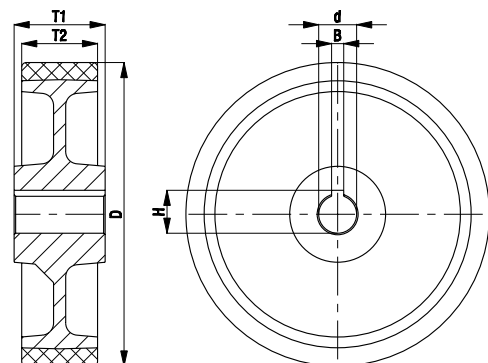
At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 57**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Axle bore Ø (d) [mm]	Hub groove length (B) [mm]	Hub groove height (H) [mm]	Hub length (T1) [mm]
GTHN 251/30H7	250	50	1100	30 H7	8 JS9	33.3	60
GTHN 251/40H7	250	50	1100	40 H7	12 JS9	43.3	60
GTHN 252/40H7	250	80	1600	40 H7	12 JS9	43.3	80
GTHN 252/50H7	250	80	1600	50 H7	14 JS9	53.8	80
GTHN 253/40H7	250	100	2200	40 H7	12 JS9	43.3	100
GTHN 253/50H7	250	100	2200	50 H7	14 JS9	53.8	100
GTHN 300/40H7	300	60	1500	40 H7	12 JS9	43.3	60
GTHN 300/50H7	300	60	1500	50 H7	14 JS9	53.8	60
GTHN 302/40H7	300	80	2100	40 H7	12 JS9	43.3	80
GTHN 302/50H7	300	80	2100	50 H7	14 JS9	53.8	80
GTHN 304/40H7	300	100	2700	40 H7	12 JS9	43.3	100
GTHN 304/50H7	300	100	2700	50 H7	14 JS9	53.8	100
GTHN 304/60H7	300	100	2700	60 H7	18 JS9	64.4	100
GTHN 362/40H7	360	75	2200	40 H7	12 JS9	43.3	75
GTHN 362/50H7	360	75	2200	50 H7	14 JS9	53.8	75
GTHN 362/60H7	360	75	2200	60 H7	18 JS9	64.4	75
GTHN 402/50H7	400	80	2800	50 H7	14 JS9	53.8	80
GTHN 402/60H7	400	80	2800	60 H7	18 JS9	64.4	80
GTHN 404/60H7	400	100	3400	60 H7	18 JS9	64.4	100
GTHN 404/70H7	400	100	3400	70 H7	20 JS9	74.9	100
GTHN 406/70H7	400	125	4500	70 H7	20 JS9	74.9	125
GTHN 406/80H7	400	125	4500	80 H7	22 JS9	85.4	125
GTHN 500/80H7	500	100	4500	80 H7	22 JS9	85.4	100
GTHN 504/100H7	500	150	6700	100 H7	28 JS9	106.4	150
GTHN 506/120H7	500	200	9000	120 H7	32 JS9	127.4	200
GTHN 602/120H7	600	150	8000	120 H7	32 JS9	127.4	150
GTHN 604/120H7	600	200	10000	120 H7	32 JS9	127.4	200
GTHN 750/150H7	750	200	12500	150 H7	36 JS9	158.4	200
GTHN 1000/250H7	1000	300	25000	250 H7	56 JS9	262.4	300

Further dimensions upon request





Series: GBN, wheel Ø 100 - 250 mm

**Heavy duty drive wheels with hub keyway, with Blickle Besthane® polyurethane tread, with cast iron wheel centre**

350 - 2200 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-30° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



**GBN-wheel series:**

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, very low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron, plain bore keywayed in acc. to DIN 6885, lacquered, colour silver.

**Other features:**

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -30° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

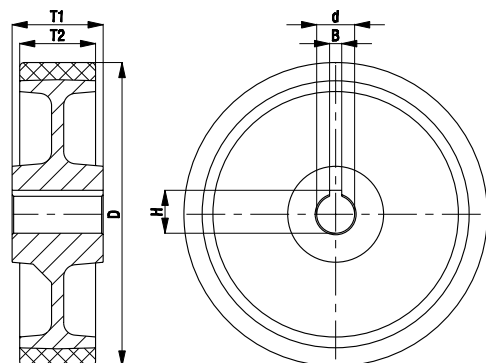
Maintenance-free under standard conditions.

**Wheel series overview page 57**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 10 km/h* [kg]	Load cap. at 16 km/h* [kg]	Axle bore Ø (d) [mm]	Hub groove length (B) [mm]	Hub groove height (H) [mm]	Hub length (T1) [mm]
GBN 100/20H7	100	40	350	200	-	20 H7	6 JS9	22.8	40
GBN 100/25H7	100	40	350	200	-	25 H7	8 JS9	28.3	40
GBN 101/25H7	100	50	450	300	-	25 H7	8 JS9	28.3	60
GBN 127/25H7	125	50	550	350	-	25 H7	8 JS9	28.3	60
GBN 127/30H7	125	50	550	350	-	30 H7	8 JS9	33.3	60
GBN 150/25H7	150	50	650	425	-	25 H7	8 JS9	28.3	60
GBN 150/30H7	150	50	650	425	-	30 H7	8 JS9	33.3	60
GBN 150/35H7	150	50	650	425	-	35 H7	10 JS9	38.3	60
GBN 160/25H7	160	50	700	450	-	25 H7	8 JS9	28.3	60
GBN 160/30H7	160	50	700	450	-	30 H7	8 JS9	33.3	60
GBN 200/25H7	200	50	900	600	350	25 H7	8 JS9	28.3	60
GBN 200/30H7	200	50	900	600	350	30 H7	8 JS9	33.3	60
GBN 200/35H7	200	50	900	600	350	35 H7	10 JS9	38.3	60
GBN 200/40H7	200	50	900	600	350	40 H7	12 JS9	43.3	60
GBN 202/35H7	200	80	1400	900	500	35 H7	10 JS9	38.3	80
GBN 202/40H7	200	80	1400	900	500	40 H7	12 JS9	43.3	80
GBN 202/50H7	200	80	1400	900	500	50 H7	14 JS9	53.8	80
GBN 252/40H7	250	80	1600	1200	650	40 H7	12 JS9	43.3	80
GBN 252/50H7	250	80	1600	1200	650	50 H7	14 JS9	53.8	80
GBN 253/40H7	250	100	2200	1500	800	40 H7	12 JS9	43.3	100
GBN 253/50H7	250	100	2200	1500	800	50 H7	14 JS9	53.8	100

\* Considerably higher load capacities are possible for applications without obstacles

For further wheel Ø refer to the next page



Series: GBN, wheel Ø 300 - 1000 mm

**Heavy duty drive wheels with hub keyway, with Blickle Besthane® polyurethane tread, with cast iron wheel centre**

2100 - 25000 kg RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-30° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



**GBN-wheel series:**

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, very low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron, plain bore keyed in acc. to DIN 6885, lacquered, colour silver.

**Other features:**

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -30° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

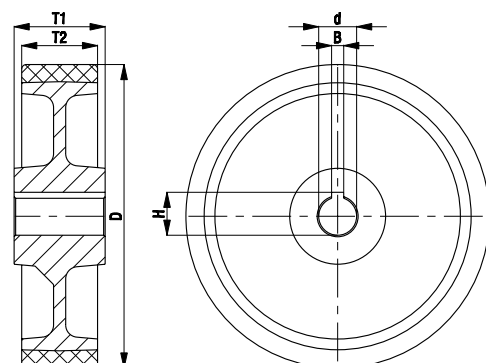
Maintenance-free under standard conditions.

**Wheel series overview page 57**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 10 km/h* [kg]	Load cap. at 16 km/h* [kg]	Axle bore Ø (d) [mm]	Hub groove length (B) [mm]	Hub groove height (H) [mm]	Hub length (T1) [mm]
<b>GBN 302/40H7</b>	300	80	2100	1400	750	40 H7	12 JS9	43.3	80
<b>GBN 302/50H7</b>	300	80	2100	1400	750	50 H7	14 JS9	53.8	80
<b>GBN 304/40H7</b>	300	100	2700	1800	1000	40 H7	12 JS9	43.3	100
<b>GBN 304/50H7</b>	300	100	2700	1800	1000	50 H7	14 JS9	53.8	100
<b>GBN 304/60H7</b>	300	100	2700	1800	1000	60 H7	18 JS9	64.4	100
<b>GBN 362/40H7</b>	360	75	2200	1500	800	40 H7	12 JS9	43.3	75
<b>GBN 362/50H7</b>	360	75	2200	1500	800	50 H7	14 JS9	53.8	75
<b>GBN 362/60H7</b>	360	75	2200	1500	800	60 H7	18 JS9	64.4	75
<b>GBN 363/70H7</b>	360	100	3200	2200	1200	70 H7	20 JS9	74.9	100
<b>GBN 404/60H7</b>	400	100	3400	2500	1300	60 H7	18 JS9	64.4	100
<b>GBN 404/70H7</b>	400	100	3400	2500	1300	70 H7	20 JS9	74.9	100
<b>GBN 406/70H7</b>	400	125	4500	3000	1600	70 H7	20 JS9	74.9	125
<b>GBN 406/80H7</b>	400	125	4500	3000	1600	80 H7	22 JS9	85.4	125
<b>GBN 408/80H7</b>	400	150	5100	3700	2000	80 H7	22 JS9	85.4	150
<b>GBN 500/80H7</b>	500	100	4500	3000	1600	80 H7	22 JS9	85.4	100
<b>GBN 504/100H7</b>	500	150	6700	4500	2500	100 H7	28 JS9	106.4	150
<b>GBN 506/120H7</b>	500	200	9000	6200	3300	120 H7	32 JS9	127.4	200
<b>GBN 602/120H7</b>	600	150	8000	5500	3000	120 H7	32 JS9	127.4	150
<b>GBN 604/120H7</b>	600	200	10000	7000	3700	120 H7	32 JS9	127.4	200
<b>GBN 750/150H7</b>	750	200	12500	8700	4500	150 H7	36 JS9	158.4	200
<b>GBN 1000/250H7</b>	1000	300	25000	17000	9000	250 H7	56 JS9	262.4	300

\* Considerably higher load capacities are possible for applications without obstacles

Further dimensions upon request



Series: SPKVSN

## Solid steel flanged drive wheels with hub keyway

2500 - 7000 kg

RoHS



<b>Tread &amp; tyre hardness</b>	190 - 230 HB
<b>Temperature resistance</b>	-30° C - +300° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	sufficient
<b>Floor surface preservation</b>	sufficient

### SPKVSN-wheel series:

Made of mild steel, with lightly oiled surface, with horizontal taper of 3°, plain bore keywayed in acc. to DIN 6885, exceptionally low rolling resistance, outstanding wear resistance, extremely high static and dynamic load capacity.

(Material description page 40)

### Other features:

For chemical resistance refer to material description page 40.

Operating temperature: -30° C to +300° C, load capacity reduction of 50 % at +300° C.

The load capacities indicated in the table refer to the following rail profiles in acc. to DIN 536 (crane rail standard):

SPKVSN 200: A 45

SPKVSN 250: A 55

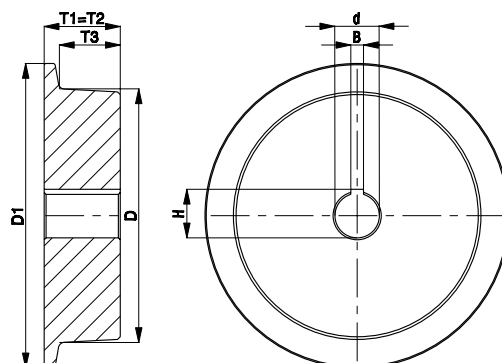
SPKVSN 300: A 65.

Maintenance-free under standard conditions.

**Wheel series overview page 57**

Wheels	Wheel Ø w/o flange (D) [mm]	Wheel Ø incl. flange (D1) [mm]	Wheel width (T2) [mm]	Tread width (T3) [mm]	Load capacity [kg]	Axle bore Ø (d) [mm]	Hub groove length (B) [mm]	Hub groove height (H) [mm]	Hub length (T1) [mm]
<b>SPKVSN 200/40H7</b>	200	240	60	48	2500	40 H7	12 JS9	43.3	60
<b>SPKVSN 250/50H7</b>	250	290	75	60	4000	50 H7	14 JS9	53.8	75
<b>SPKVSN 300/60H7</b>	300	345	90	72	7000	60 H7	18 JS9	64.4	90

Further dimensions upon request



Series: GEVA

## Heavy duty hub fitting wheels with elastic solid rubber tyres, with cast iron wheel centre

525 - 3000 kg

RoHS



<b>Tread &amp; tyre hardness</b>	65° shore A
<b>Temperature resistance</b>	-30° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### GEVA-wheel series:

**Tyres:** Made of high-quality elastic solid rubber in smooth rolling quality, 65° shore A hardness, steel-wire reinforced, very high operational comfort, low-noise operation, low rolling resistance, very good floor preservation, colour black. (Material description page 38)

**Wheel centre:** Made of rugged grey cast iron, centre piece with a central hole and fixing holes. Fixing holes are counter-sunk. Lacquered, colour silver.

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37). Operating temperature: -30° C to +80° C, temporarily up to +100° C.

At ambient temperatures above +60° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 57**

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 16 km/h [kg]	No. of fixing holes	Fixing hole Ø (d2) [mm]	Central hole Ø (d) [mm]	PCD (d1) [mm]
GEVA 250/4	250	60	525	320	4	16.5	60	100
GEVA 252/4	250	80	675	410	4	16.5	60	100
GEVA 300/4	300	75	750	450	4	16.5	60	100
GEVA 300/5	300	75	750	450	5	16.5	67	112
GEVA 302/4	300	90	900	540	4	16.5	60	100
GEVA 302/5	300	90	900	540	5	16.5	67	112
GEVA 360/4	360	60	750	450	4	16.5	60	100
GEVA 360/5	360	60	750	450	5	16.5	67	112
GEVA 400/4	400	65	900	540	4	16.5	60	100
GEVA 400/5-67	400	65	900	540	5	16.5	67	112
GEVA 400/5-82	400	65	900	540	5	16.5	82	130
GEVA 402/4	400	75	1000	600	4	16.5	60	100
GEVA 402/5-67	400	75	1000	600	5	16.5	67	112
GEVA 402/5-82	400	75	1000	600	5	16.5	82	130
GEVA 405/5	405	130	1500	900	5	18.5	110	145
GEVA 405/6	405	130	1500	900	6	21.5	160	205
GEVA 415/6	415	90	1150	690	6	21.5	160	205
GEVA 500/6	500	85	1300	780	6	21.5	160	205
GEVA 520/6	520	100	1525	920	6	21.5	160	205
GEVA 620/6	620	200	3000	1800	6	21.5	160	205

Further dimensions upon request

### Options



With steel-band tyre in drive-quality

Technical description page

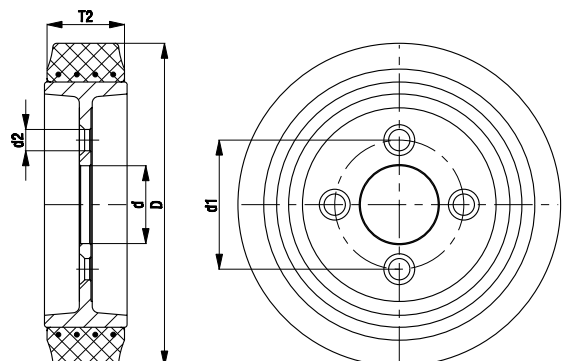
38

Product code suffix

-STA

Available for

upon request



Series: GSTA

**Heavy duty hub fitting wheels with Blickle Softhane® polyurethane tread, with cast iron wheel centre**

700 - 2500 kg

✓RoHS



<b>Tread &amp; tyre hardness</b>	75° shore A
<b>Temperature resistance</b>	-30° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good



**GSTA-wheel series:**

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Softhane®, 75° shore A hardness, very high operational comfort due to an extremely thick, elastic tread, low-noise operation, low rolling resistance, very good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour green, non-marking, non-staining, very good chemical connection with the wheel centre. (Material description page 39)

**Wheel centre:** Made of rugged grey cast iron, centre piece with a central hole and fixing holes. Fixing holes are counter-sunk. Lacquered, colour silver.

**Other features:**

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -30° C to +70° C, temporarily up to +90° C.

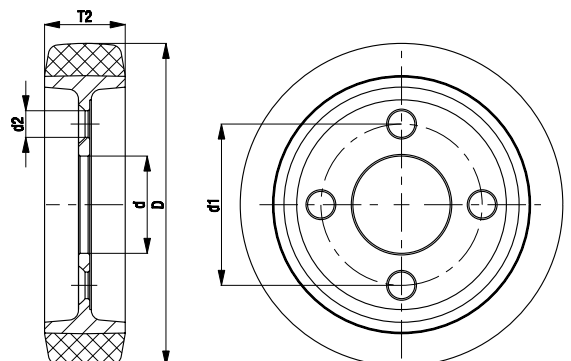
At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 58**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	No. of fixing holes	Fixing hole Ø (d2) [mm]	Central hole Ø (d) [mm]	PCD (d1) [mm]
<b>GSTA 200/4</b>	200	50	700	4	16.5	60	100
<b>GSTA 250/4</b>	250	60	800	4	16.5	60	100
<b>GSTA 252/4</b>	250	80	1100	4	16.5	60	100
<b>GSTA 302/5</b>	300	80	1600	5	16.5	67	112
<b>GSTA 404/6</b>	400	100	2500	6	21.5	160	205

Further dimensions upon request





Series: GBA

## Heavy duty hub fitting wheels with Blickle Besthane<sup>®</sup> polyurethane tread, with cast iron wheel centre

900 - 3400 kg

✓RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-30° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### GBA-wheel series:

**Tread:** Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane<sup>®</sup>, 92° shore A hardness, low-noise operation, very low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the wheel centre.

(Material description page 39)

**Wheel centre:** Made of rugged grey cast iron, centre piece with a central hole and fixing holes. Fixing holes are counter-sunk. Lacquered, colour silver.

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -30° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

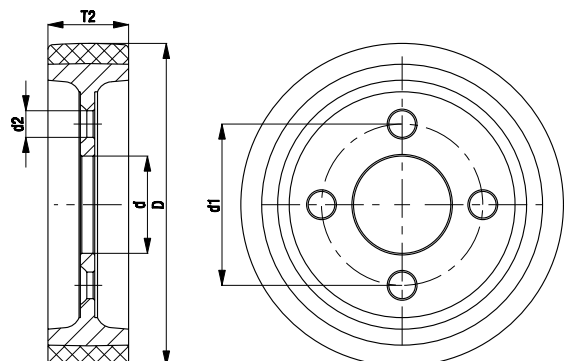
Maintenance-free under standard conditions.

**Wheel series overview page 58**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 10 km/h* [kg]	Load cap. at 16 km/h* [kg]	No. of fixing holes	Fixing hole Ø (d2) [mm]	Central hole Ø (d) [mm]	PCD (d1) [mm]
<b>GBA 200/4</b>	200	50	900	600	350	4	16.5	60	100
<b>GBA 250/4</b>	250	60	1300	900	500	4	16.5	60	100
<b>GBA 252/5</b>	250	80	1600	1200	650	5	16.5	67	112
<b>GBA 302/5</b>	300	90	2100	1400	750	5	16.5	67	112
<b>GBA 404/6</b>	400	100	3400	2500	1300	6	21.5	160	205

\* Considerably higher load capacities are possible for applications without obstacles

**Further dimensions upon request**



Series: PA

## Hub fitting wheels with pneumatic tyres, with pressed steel rim

250 - 1300 kg

RoHS



Wheel Ø 400-415 mm  
Drop based rim

Wheel Ø 420-536 mm  
Flat based rim

<b>Tread &amp; tyre hardness</b>	60° shore A
<b>Temperature resistance</b>	-30° C - +50° C
<b>Rolling resistance</b>	good
<b>Operating noise</b>	excellent
<b>Floor surface preservation</b>	excellent

**PA-wheel series:**

**Tyres:** Pneumatic tyres with ribbed or zig-zag profile, 2 to 10 ply rating, with tube, highest operational comfort, excellent floor preservation, colour black, PAH conform in acc. to EU-directive 2005/69/EC. (Material description page 38)

**Rims:** Made of pressed steel, bolted or welded, centre piece with a central hole and fixing holes. Fixing holes are counter-sunk. Lacquered, colour silver.

Wheel Ø 420 mm or larger: Zinc-plated, blue-passivated, Cr6-free.

**Other features:**

Chemical resistance to many aggressive substances, except oils (table page 36-37). Operating temperature: -30° C to +50° C.

Wheel and tyre dimensions are valid for unloaded, new tyres and may slightly change in width and diameter during operation.

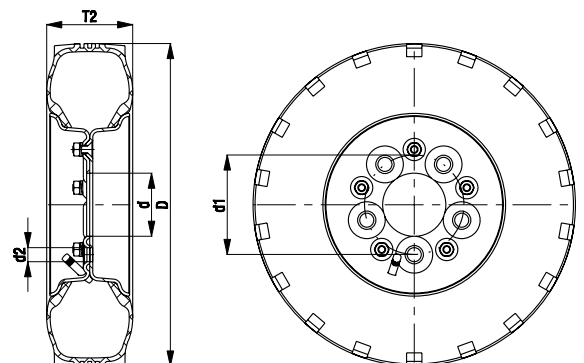
**Wheel series overview page 58**

With a reduced load capacity, max. speeds of up to 25 km/h are permissible.

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre dimension	Ply rating	Load cap. at 4 km/h [kg]	Load cap. at 25 km/h [kg]	Tyre pressure [bar/psi]	No. of fixing holes	Fixing hole Ø (d2) [mm]	Central hole Ø (d) [mm]	PCD (d1) [mm]	Profile *
PA 402/4	400	100	4.00-8	2	250	100	2.0/30	4	14.5	60	100	B07
PA 412/4	400	100	4.00-8	4	350	160	3.5/50	4	14.5	60	100	B07
PA 420/4	415	115	4.00-8	4	525	300	3.5/50	4	14.5	60	100	R02
PA 430/5	420	115	4.00-8	6	650	500	7.0/101	5	16.5	82	130	B08
PA 432/5	420	115	4.00-8	8	750	600	7.0/101	5	16.5	82	130	B08
PA 464/5	460	145	5.00-8	8	1140	770	7.0/101	5	16.5	82	130	B08
PA 536/5	536	165	6.00-9	10	1300	1050	7.0/101	5	16.5	110	145	B08

\* R = Ribbed profile, B = Zig-zag profile, refer to image on page 198

Further fitting dimensions upon request



Series: VLEA

## Heavy duty hub fitting wheels with super-elastic solid rubber tyres, with pressed steel rim

950 - 1885 kg

RoHS



<b>Tread &amp; tyre hardness</b>	70° shore A
<b>Temperature resistance</b>	-30° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### VLEA-wheel series:

**Tyres:** Made of super-elastic solid rubber, 3-component tyre, tough and hard rubber core, steel-wire reinforced, super-elastic cushion layer and abrasion-resistant tread, very high operational comfort, very good floor preservation, colour black.

**Rims:** Made of heavy pressed steel, bolted, centre piece with a central hole and fixing holes. Fixing holes are counter-sunk. Zinc-plated, blue-passivated, Cr6-free.

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37). Operating temperature: -30° C to +80° C, temporarily up to +100° C. At ambient temperatures above +60° C the load capacity is reduced.

An alternative to pneumatic tyres - Advantages: Puncture-proof, maintenance-free under standard conditions, good stability, precise steering behaviour.

### Wheel series overview page 58

With a reduced load capacity, max. speeds of up to 25 km/h are permissible.

Wheels	Wheel Ø * (D) [mm]	Tyre width * (T2) [mm]	Tyre dimension	Rim dimension	Load cap. at 6 km/h [kg]	Load cap. at 25 km/h [kg]	No. of fixing holes	Fixing hole Ø (d2) [mm]	Central hole Ø (d) [mm]	PCD (d1) [mm]
VLEA 410/5	405	105	4.00-8	3.00D-8	950	730	5	16.5	82	130
VLEA 460/5	455	120	5.00-8	3.00D-8	1415	1090	5	16.5	82	130
VLEA 530/5	525	140	6.00-9	4.00E-9	1885	1450	5	16.5	110	145

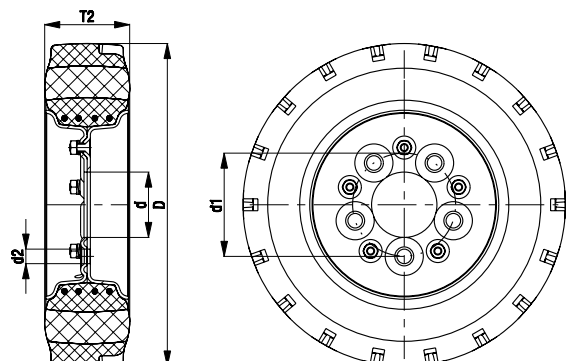
\* Wheel and tyre dimensions are valid for unloaded, new tyres and may slightly change during operation

Further fitting dimensions upon request

### Options



	With non-marking tyre	Antistatic version, black tyre	Drive wheel with hub keyway
Technical description page	38	36, 38	
Product code suffix	-SN	-AS	VLEN series
Available for	upon request	upon request	upon request



## Tyres and press-on bands



## Table of Contents



<b>BSEV</b>	
Series	BSEV
Tyre Ø	250 - 525 mm
Load capacity	400 - 1885 kg
<b>Page</b>	<b>474</b>



<b>BEV</b>	
Series	BEV
Outer Ø	125 - 620 mm
Load capacity	160 - 4650 kg
<b>Page</b>	<b>475/476</b>



<b>BTH</b>	
Series	BTH
Outer Ø	125 - 610 mm
Load capacity	420 - 6000 kg
<b>Page</b>	<b>477</b>



<b>BB</b>	
Series	BB
Outer Ø	125 - 750 mm
Load capacity	420 - 10000 kg
<b>Page</b>	<b>478/479</b>



Series: BSEV

## Super-elastic solid rubber tyres

400 - 1885 kg

RoHS



Ribbed profile R50

Zig-zag profile B50

<b>Tread &amp; tyre hardness</b>	70° shore A
<b>Temperature resistance</b>	-30° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### BSEV-tyre series:

Made of super-elastic solid rubber, tough and hard rubber core, steel-wire reinforced, very high operational comfort, very good floor preservation, colour black.

Wheel Ø 250-306 mm: 2-component tyre, super-elastic, abrasion-resistant tread.

Wheel Ø 405-525 mm: 3-component tyre, super-elastic cushion layer, abrasion-resistant tread. (Material description page 38)

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -30° C to +80° C, temporarily up to +100° C.

At ambient temperatures above +60° C the load capacity is reduced.

These tyres are suitable for fitting to the standard rims listed in the table.

**Wheel series overview page 59**

Tyres with ribbed profile	Tyres with zig-zag profile	Tyre Ø * (D) [mm]	Tyre width * (T2) [mm]	Tyre dimension	Rim dimension	Load cap. at 6 km/h [kg]	Load cap. at 25 km/h [kg]	Profile ribbed profile	Profile zig-zag profile
<b>BSEV 3.00-4-RP</b>	<b>BSEV 3.00-4</b>	250	85	3.00-4	2.10-4	400	300	R50	B51
<b>BSEV 3.00-4/2.50-4-RP</b>	<b>BSEV 3.00-4/2.50-4</b>	250	85	3.00-4	2.50C-4	600	475	R50	B51
<b>BSEV 4.00-4-RP</b>	<b>BSEV 4.00-4</b>	306	105	4.00-4	2.50C-4	700	535	R50	B50
<b>BSEV 4.00-8-RP</b>	<b>BSEV 4.00-8</b>	405	105	4.00-8	3.00D-8	950	730	R50	B50
	<b>BSEV 5.00-8</b>	455	120	5.00-8	3.00D-8	1415	1090		B50
	<b>BSEV 6.00-9</b>	525	140	6.00-9	4.00E-9	1885	1450		B50

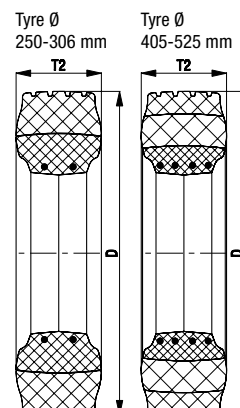
\* Tyre dimensions are valid for unloaded, new tyres and may slightly change during operation

**Further dimensions upon request**

### Options



Image size 250x85 mm, zig-zag profile B51	With non-marking tyre **	Further versions
Technical description page	38	
<b>Product code suffix</b>	<b>-SN</b>	
Available for	upon request	upon request



\*\* BSEV 3.00-4/2.50-4-RP, BSEV 3.00-4/2.50-4 non marking grey, others non-marking natural colour

Series: BEV, outer Ø 125 - 360 mm

## Press-on bands with elastic solid rubber tread



160 - 1150 kg

RoHS

<b>Tread &amp; tyre hardness</b>	65° shore A
<b>Temperature resistance</b>	-30° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### BEV-press-on band series:

Made of high-quality elastic solid rubber, 65° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, for wheel centres with outer diameter h11.

ZDG-version: Smooth rolling quality, low rolling resistance, steel-wire reinforced.

ZST-version: Drive-quality, abrasion resistance, vulcanised onto the steel ring.

(Material description page 38)

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -30° C to +80° C, temporarily up to +100° C.

At ambient temperatures above +60° C the load capacity is reduced.

Wheel series overview page 59

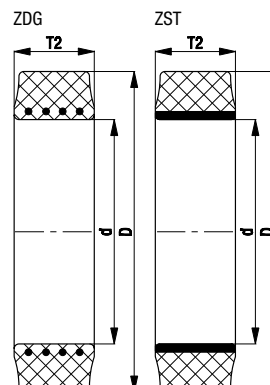
With steel insert (ZDG)	On steel ring (ZST)	Outer Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 16 km/h [kg]
BEV 125x50/75-ZDG		125	50	75	160	100
	BEV 150x75/100-ZST	150	75	100	375	225
BEV 160x50/100-ZDG	BEV 160x50/100-ZST	160	50	100	250	150
BEV 180x75/120-ZDG		180	75	120	450	260
BEV 200x50/140-ZDG	BEV 200x50/140-ZST	200	50	140	350	180
BEV 200x75/100-ZDG	BEV 200x75/100-ZST	200	75	100	500	300
BEV 200x85/105-ZDG		200	85	105	550	330
BEV 230x85/170-ZDG		230	85	170	625	380
BEV 250x50/190-ZDG		250	50	190	450	270
BEV 250x60/170-ZDG		250	60	170	550	330
BEV 250x60/190-ZDG	BEV 250x60/190-ZST	250	60	190	525	320
BEV 250x75/140-ZDG	BEV 250x75/140-ZST	250	75	140	625	380
BEV 250x80/170-ZDG	BEV 250x80/170-ZST	250	80	170	675	410
	BEV 250x105/170-ZST	250	105	170	845	510
BEV 250x130/140-ZDG	BEV 250x130/140-ZST	250	130	140	1065	800
BEV 265x160/160-ZDG		265	160	160	1150	690
BEV 270x105/170-ZDG		270	105	170	900	540
BEV 280x50/220-ZDG	BEV 280x50/220-ZST	280	50	220	525	320
BEV 280x75/220-ZDG		280	75	220	725	440
	BEV 285x75/220-ZST	285	75	220	725	440
BEV 300x75/220-ZDG		300	75	220	750	450
BEV 300x75/240-ZDG		300	75	240	700	420
BEV 300x80/170-ZDG		300	80	170	750	455
BEV 300x85/170-ZDG	BEV 300x85/170-ZST	300	85	170	800	480
BEV 300x90/203-ZDG	BEV 300x90/203-ZST	300	90	203	900	540
	BEV 300x100/203-ZST	300	100	203	975	590
BEV 310x120/220-ZDG		310	120	220	1050	630
BEV 360x60/270-ZDG	BEV 360x60/270-ZST	360	60	270	750	450
BEV 360x75/270-ZDG	BEV 360x75/270-ZST	360	75	270	950	570
BEV 360x85/270-ZDG	BEV 360x85/270-ZST	360	85	270	1050	630

For further dimensions refer to the next page

### Options



	With non-marking natural colour tyre	Further versions
Technical description page	38	
Product code suffix	-SN	
Available for	upon request	upon request



Series: BEV, outer Ø 400 - 620 mm

## Press-on bands with elastic solid rubber tread

900 - 4650 kg

RoHS



<b>Tread &amp; tyre hardness</b>	65° shore A
<b>Temperature resistance</b>	-30° C - +80° C temporarily up to +100° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### BEV-press-on band series:

Made of high-quality elastic solid rubber, 65° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, colour black, for wheel centres with outer diameter h11.

ZDG-version: Smooth rolling quality, low rolling resistance, steel-wire reinforced.

ZST-version: Drive-quality, abrasion resistance, vulcanised onto the steel ring.

(Material description page 38)

### Other features:

Chemical resistance to many aggressive substances, except oils (table page 36-37).  
Operating temperature: -30° C to +80° C, temporarily up to +100° C.

At ambient temperatures above +60° C the load capacity is reduced.

Wheel series overview page 59

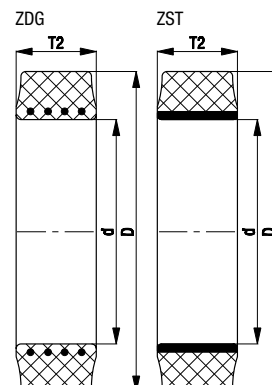
With steel insert (ZDG)	On steel ring (ZST)	Outer Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 16 km/h [kg]
BEV 400x65/305-ZDG		400	65	305	900	540
BEV 400x75/305-ZDG		400	75	305	1000	600
	BEV 405x65/305-ZST	405	65	305	900	540
BEV 405x75/305-ZDG		405	75	305	1000	600
BEV 405x130/305-ZDG		405	130	305	1500	900
	BEV 405x130/305-ZST	405	130	305	1510	1130
	BEV 415x75/305-ZST	415	75	305	1050	630
BEV 415x90/305-ZDG		415	90	305	1150	690
	BEV 415x100/305-ZST	415	100	305	1250	750
BEV 425x150/305-ZDG		425	150	305	1800	1100
	BEV 425x150/305-ZST	425	150	305	1910	1430
	BEV 450x300/305-ZST	450	300	305	4650	3490
	BEV 457x152/308-ZST	457 (18")	152 (6")	308 (12 1/8")	2240	1575
	BEV 457x178/308-ZST	457 (18")	178 (7")	308 (12 1/8")	2550	1915
	BEV 457x229/308-ZST	457 (18")	229 (9")	308 (12 1/8")	3460	2595
BEV 500x65/410-ZDG		500	65	410	1100	660
BEV 500x85/370-ZDG		500	85	370	1300	780
BEV 520x100/370-ZDG		520	100	370	1525	920
	BEV 520x120/370-ZST	520	120	370	1775	1065
BEV 525x120/370-ZDG		525	120	370	1800	1075
BEV 540x200/410-ZDG	BEV 540x200/410-ZST	540	200	410	3000	1800
	BEV 550x150/370-ZST	550	150	370	2250	1355
BEV 550x160/410-ZDG		550	160	410	2250	1350
	BEV 550x160/410-ZST	550	160	410	2550	1915
	BEV 560x100/410-ZST	560	100	410	1350	1010
BEV 560x100/410-ZDG		560	100	410	1600	960
BEV 610x150/410-ZDG		610	150	410	2250	1350
	BEV 610x150/410-ZST	610	150	410	2500	1875
BEV 620x200/410-ZDG		620	200	410	3000	1800
	BEV 620x200/410-ZST	620	200	410	3785	2835

Further dimensions upon request

### Options



	With non-marking natural colour tyre	Further versions
Technical description page	38	
Product code suffix	-SN	
Available for	upon request	upon request



Series: BTH

## Press-on bands with Blickle Extrathane® polyurethane tread

420 - 6000 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-30° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### BTH-press-on band series:

Made of high-quality, reaction-injected polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour light brown, non-marking, non-staining, very good chemical connection with the steel ring, for wheel centres with outer diameter h11.

(Material description page 39)

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -30° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

**Wheel series overview page 59**

Press-on bands	Outer Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load capacity [kg]
BTH 125x40/75	125	40	75	420
BTH 125x50/75	125	50	75	550
BTH 150x50/100	150	50	100	650
BTH 150x75/100	150	75	100	950
BTH 150x130/100	150	130	100	1650
BTH 160x50/100	160	50	100	650
BTH 180x50/120	180	50	120	750
BTH 180x75/120	180	75	120	1100
BTH 180x100/105	180	100	105	1400
BTH 200x50/140	200	50	140	850
BTH 200x60/150	200	60	150	1000
BTH 200x75/100	200	75	100	1100
BTH 200x80/120	200	80	120	1200
BTH 200x85/105	200	85	105	1300
BTH 200x105/120	200	105	120	1600
BTH 200x130/105	200	130	105	1900
BTH 230x85/170	230	85	170	1600
BTH 250x50/190	250	50	190	1000
BTH 250x60/190	250	60	190	1200
BTH 250x80/170	250	80	170	1500
BTH 250x105/170	250	105	170	2100
BTH 250x130/140	250	130	140	2500
BTH 254x127/165	254 (10")	127 (5")	165.1 (6.5")	2500
BTH 260x105/170	260	105	170	2200
BTH 285x75/220	285	75	220	1700
BTH 285x100/200	285	100	200	2300
BTH 285x100/228	285	100	228.6 (9")	2300
BTH 290x105/185	290	105	185	2300
BTH 300x90/203	300	90	203	2000
BTH 343x115/245	343	115	245	3500
BTH 350x110/270	350	110	270	2900
BTH 360x120/220	360	120	220	3300
BTH 405x130/305	405	130	305	3800
BTH 415x100/305	415	100	305	3000
BTH 610x150/410	610	150	410	6000

For further dimensions refer to page 478-479



Series: BB, outer Ø 125 - 254 mm

## Press-on bands with Blickle Besthane® polyurethane tread

420 - 2200 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-30° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### BB-press-on band series:

Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, very low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the steel ring, for wheel centres with outer diameter h11.

(Material description page 39)

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -30° C to +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

**Wheel series overview page 59**

Press-on bands	Outer Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 10 km/h * [kg]	Load cap. at 16 km/h * [kg]
BB 125x40/75	125	40	75	420	300	160
BB 125x50/75	125	50	75	550	380	200
BB 150x50/100	150	50	100	650	450	250
BB 150x75/100	150	75	100	950	650	350
BB 150x130/100	150	130	100	1650	1100	650
BB 160x50/100	160	50	100	650	450	250
BB 180x50/120	180	50	120	750	500	300
BB 180x75/120	180	75	120	1100	750	400
BB 180x100/105	180	100	105	1400	900	550
BB 200x50/140	200	50	140	850	550	300
BB 200x60/150	200	60	150	1000	650	400
BB 200x75/100	200	75	100	1100	750	425
BB 200x80/120	200	80	120	1200	800	450
BB 200x85/105	200	85	105	1300	950	500
BB 200x105/120	200	105	120	1600	1100	600
BB 200x130/105	200	130	105	1900	1300	750
BB 230x85/170	230	85	170	1600	1000	600
BB 250x50/190	250	50	190	1000	700	400
BB 250x60/190	250	60	190	1200	800	450
BB 250x80/170	250	80	170	1500	1000	600
BB 250x105/170	250	105	170	2100	1470	800
BB 250x130/140	250	130	140	2200	1500	850
BB 254x127/165	254 (10")	127 (5")	165.1 (6.5")	2200	1500	850

\* Considerably higher load capacities are possible for applications without obstacles

**For further dimensions refer to the next page**





Series: BB, outer Ø 260 - 750 mm

## Press-on bands with Blickle Besthane® polyurethane tread

1400 - 10000 kg

RoHS



<b>Tread &amp; tyre hardness</b>	92° shore A
<b>Temperature resistance</b>	-30° C - +70° C temporarily up to +90° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### BB-press-on band series:

Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane®, 92° shore A hardness, low-noise operation, very low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour brown, non-marking, non-staining, very good chemical connection with the steel ring, for wheel centres with outer diameter h11.

(Material description page 39)

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).

Operating temperature: -30° C to +70° C, temporarily up to +90° C.

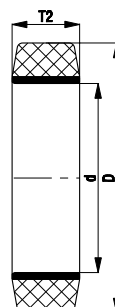
At ambient temperatures above +40° C the load capacity is reduced.

**Wheel series overview page 59**

Press-on bands	Outer Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load cap. at 4 km/h [kg]	Load cap. at 10 km/h * [kg]	Load cap. at 16 km/h * [kg]
BB 260x105/170	260	105	170	2200	1500	850
BB 285x75/220	285	75	220	1700	1200	650
BB 285x100/200	285	100	200	2300	1500	900
BB 285x100/228	285	100	228.6 (9")	2300	1500	900
BB 290x105/185	290	105	185	2200	1500	850
BB 300x90/203	300	90	203	2000	1400	800
BB 310x60/220	310	60	220	1400	1000	550
BB 310x120/203	310	120	203	2500	1750	1000
BB 310x120/220	310	120	220	2500	1750	1000
BB 343x114/225	343	114	225	3000	2100	1200
BB 343x115/245	343	115	245	3000	2100	1200
BB 343x140/245	343	140	245	3500	2400	1400
BB 350x110/270	350	110	270	2900	2000	1100
BB 360x60/270	360	60	270	1600	1100	600
BB 360x120/220	360	120	220	3200	2200	1200
BB 415x90/305	415	90	305	2700	1800	1000
BB 415x100/305	415	100	305	3000	2100	1200
BB 645x250/500	645	250	500	10000	7000	4000
BB 750x150/640	750	150	640	8000	5600	3200

\* Considerably higher load capacities are possible for applications without obstacles

**Further dimensions upon request**



## Special versions



## Table of Contents

<b>Fixed castors with drum and dead man's brake</b>	482
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<b>Transport and scaffolding castors</b>	487
<b>Heavy duty castors</b>	488

## Fixed castors with drum and dead man's brake

450 - 950 kg

RoHS



Fixed castor with drum brake

Fixed castor with dead man's brake



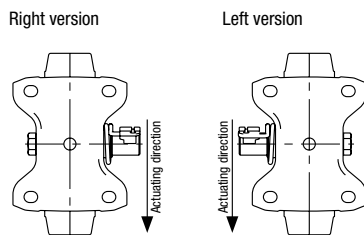
### Fixed castors with drum brake:

Fixed castors with a drum brake can be operated by methods such as a cable pull or a lever arm. The enclosed design protects the brake shoes against corrosion and dirt. Therefore the brake performance is not affected by wet conditions or road contamination.



### Fixed castors with dead man's brake:

Fixed castors with a dead man's brake are based on the drum braked castor design, however an integrated spring ensures the brake is applied in a non-operated condition. With a cable pull or lever arm the brake can be released.



Right version

Left version



### GEV-wheel series:

Tyres: Made of high-quality elastic solid rubber in smooth rolling quality, 65° shore A, black or non-marking grey.  
Wheel centre: Made of rugged grey cast iron, lacquered, silver, with two pressed-in ball bearings.  
Detailed description: Page 38



### PS-wheel series:

Tyres: Pneumatic tyres with zig-zag profile, 6 ply rating, black.  
Rims: Made of rugged grey cast iron, lacquered, white aluminium, with two pressed-in ball bearings.  
Detailed description: Page 38



### VLE-wheel series:

Tyres: Made of super-elastic solid rubber, 3-component tyre with zig-zag profile, tough and hard rubber core, super-elastic cushion layer, abrasion-resistant tread, black.  
Rims: Made of rugged grey cast iron, lacquered, white aluminium, with two pressed-in ball bearings. Detailed description: Page 38



### GST-wheel series:

Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining.  
Wheel centre: Made of rugged grey cast iron, lacquered, silver, with two pressed-in ball bearings.  
Detailed description: Page 39



### GTH-wheel series:

Tread: Made of high-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining.  
Wheel centre: Made of rugged grey cast iron, lacquered, silver, with two pressed-in ball bearings.  
Detailed description: Page 39



### GB-wheel series:

Tread: Made of high-quality polyurethane-elastomer Blickle Besthane®, 92° shore A, high dynamic load capacity, brown, non-marking, non-staining. Wheel centre: Made of rugged grey cast iron, lacquered, silver, with two pressed-in ball bearings.  
Detailed description: Page 39

Fixed castors with drum brake	Fixed castors with dead man's brake *	Wheel Ø [mm]	Wheel / Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
B-GEV 160K-TB	B-GEV 160K-TM	160	50	450	Ball bearing	195	140 x 110	105 x 75-80	11
B-GEV 160K-TB-SG	B-GEV 160K-TM-SG	160	50	450	Ball bearing	195	140 x 110	105 x 75-80	11
B-GTH 160K-TB	B-GTH 160K-TM	160	50	600	Ball bearing	195	140 x 110	105 x 75-80	11
BH-GTH 160K-TB	BH-GTH 160K-TM	160	50	800	Ball bearing	202	140 x 110	105 x 75-80	11
B-GEV 180K-TB	B-GEV 180K-TM	180	50	525	Ball bearing	215	140 x 110	105 x 75-80	11
B-GEV 180K-TB-SG	B-GEV 180K-TM-SG	180	50	525	Ball bearing	215	140 x 110	105 x 75-80	11
B-GTH 180K-TB	B-GTH 180K-TM	180	50	600	Ball bearing	215	140 x 110	105 x 75-80	11
BH-GTH 180K-TB	BH-GTH 180K-TM	180	50	850	Ball bearing	223	140 x 110	105 x 75-80	11
B-GEV 200K-TB	B-GEV 200K-TM	200	50	600	Ball bearing	235	140 x 110	105 x 75-80	11
B-GEV 200K-TB-SG	B-GEV 200K-TM-SG	200	50	600	Ball bearing	235	140 x 110	105 x 75-80	11
B-GST 200K-TB	B-GST 200K-TM	200	50	600	Ball bearing	235	140 x 110	105 x 75-80	11
B-GTH 200K-TB	B-GTH 200K-TM	200	50	600	Ball bearing	235	140 x 110	105 x 75-80	11
B-GB 200K-TB	B-GB 200K-TM	200	50	600	Ball bearing	235	140 x 110	105 x 75-80	11
BH-GST 200K-TB	BH-GST 200K-TM	200	50	800	Ball bearing	245	140 x 110	105 x 75-80	11
BH-GTH 200K-TB	BH-GTH 200K-TM	200	50	900	Ball bearing	245	140 x 110	105 x 75-80	11
BH-GB 200K-TB	BH-GB 200K-TM	200	50	900	Ball bearing	245	140 x 110	105 x 75-80	11
BS-VLE 410K-TB *		405	105	950	Ball bearing	473	200 x 160	160 x 120	14
BS-PS 430K-TB *		420	115	650	Ball bearing	480	200 x 160	160 x 120	14

\* Product code has to be supplemented by the suffixes L or R for left and right version.

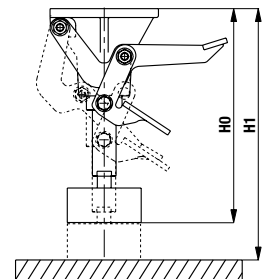
## Truck locks and jacks

✓RoHS

### Truck locks

Truck locks can be fitted to transport equipment, enabling them to be locked in their resting position. By operating the pedal the transport equipment is held in place without being lifted. Truck locks can be combined with LH, LO and LS castor series and deflect by approx. 10 mm when operated. Zinc-plated, blue-passivated, Cr6-free.

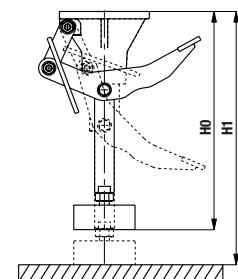
Product code	Total height unoperated (H0) [mm]	Total height operated, fully extended (H1) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
FF 125	142	180	140 x 110	105 x 75-80	12.3
FF 150	170	208	140 x 110	105 x 75-80	12.3
FF 160	175	213	140 x 110	105 x 75-80	12.3
FF 200	217	255	140 x 110	105 x 75-80	12.3



### Jacks

Jacks can be fitted to transport equipment, enabling them to be lifted whilst in their resting position. The transport equipment is lifted by operating the pedal. Jacks can be combined with various castor series. The jacks provide their best performance if the total height of the operated jack (H1) is 5 mm higher than the selected swivel or fixed castors. Depending on the weight of the person operating the transport equipment, the lifting force is between 150 kg and 250 kg. Zinc-plated, blue-passivated, Cr6-free.

Product code	Total height unoperated (H0) [mm]	Total height operated (H1) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
WH 160	166	209	140 x 110	105 x 75-80	12.3
WH 200	207	250	140 x 110	105 x 75-80	12.3
WH 250	257	300	140 x 110	105 x 75-80	12.3





## Special versions

### Wheels and wheel sets

As well as our standard range, we supply many tailor-made solutions for customer-specific applications.

These individual solutions are developed in close co-operation with our customers. State-of-the-art technology such as development tools (3D-CAD), linear and non-linear finite element and simulation programs, flexible and powerful production equipment, precise measuring and testing equipment, close relationships with established institutes as well as our many years of experience as manufacturers ensure the development of high-quality wheels and castors.

Our wide range of standard products allows us to realise solutions for customer-specific problems often from standard parts, so even custom-built versions can be produced cost-effectively.

Minimum quantities may be required for a special version, which may vary depending on the wheel or castor design.

Please ask for a quote, giving technical requirements and quantities required.

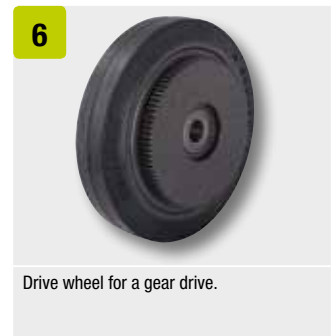
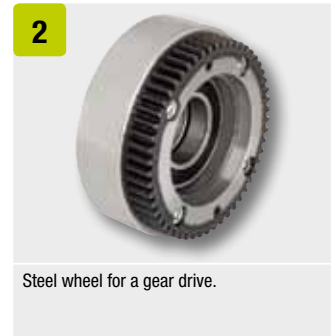
The products mentioned below show a small selection from our versatile range of special versions.

#### Wheels and wheel sets

The special version differs from the standard types by wheel dimensions, material, hub design or wheel bearing.

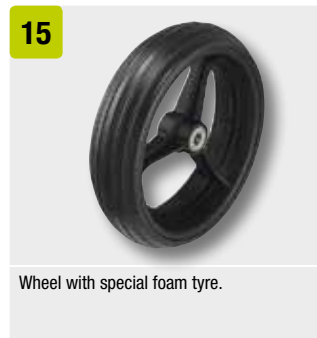
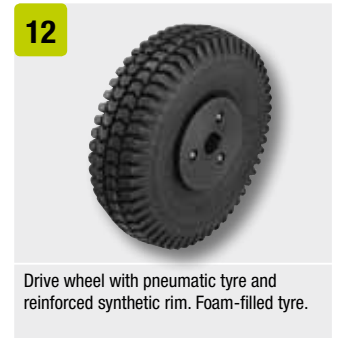
Individual problem solutions, e.g. for plant engineering, with extremely high mileage and reliability can be provided.

Wheel sets can be supplied with wheels of various series, with round or square axles as well as different gauges.



## Special versions

### Wheels and wheel sets



## Special versions

### Light duty castors

#### Castors

The special designs differ from the standard range by the total height, offset, locking system, material, colour, wheel type, suspension etc.

Swivel castors for mobile platforms and scaffolding can be supplied with various fitting types, brake systems and types of wheels. Test reports in accordance with DIN 4422 are available for many of these swivel castors.

Due to the development of sprung castors with integrated shock absorption, safety and driving comfort at high speeds is enhanced.

Castors with extremely high load capacity can be equipped with an interface for different drive motors (electric or hydraulic motor).



Light duty swivel castor suitable for clean-room with special fitting.



Light duty swivel castor with special fitting and suspension integrated in the stem.



Light duty swivel castor with special fitting for square tubes.



Light duty swivel castor with special fitting and special colour.



Swivel castor with central wheel and swivel head brake, directional lock, special swivel head bearing and non-marking tyre.



Light duty swivel castor with central wheel and swivel head brake and non-marking tyre.



Electrically conductive light duty twin wheel swivel castor with chromed stem and sealed swivel head and wheel bearing.



Sprung light duty twin wheel swivel castor with load dependent wheel lock.



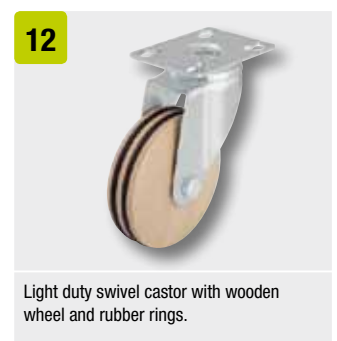
Light duty swivel castor with brake lever and wheel in special design.



Light duty swivel castor with electrostatic powder-coated bracket in special colour.



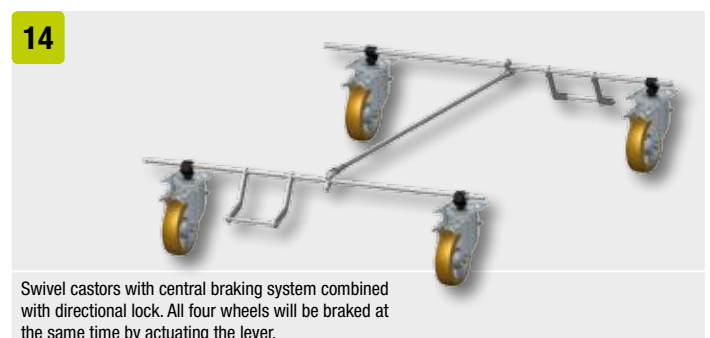
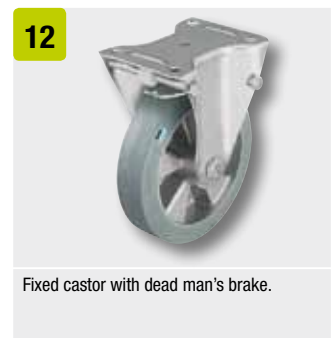
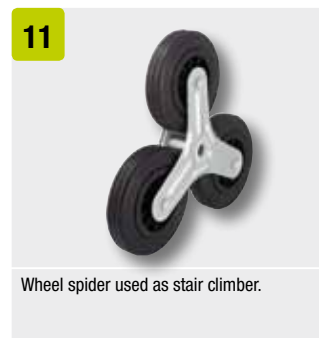
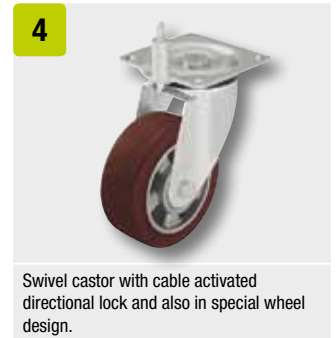
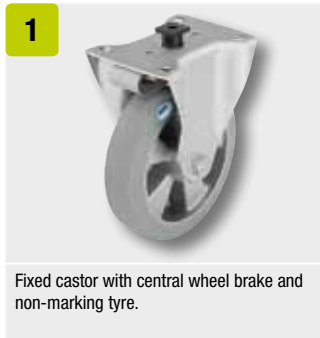
Light duty twin wheel swivel castor with steel foot guard.



Light duty swivel castor with wooden wheel and rubber rings.

## Special versions

### Transport and scaffolding castors



## Special versions

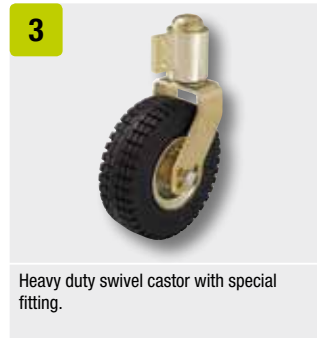
### Heavy duty castors



Heavy duty swivel castor with wiper (cleaning brush).



Sprung heavy duty swivel castor with particularly soft suspension.



Heavy duty swivel castor with special fitting.



Sprung heavy duty swivel castor with polyurethane torsion spring and special fitting.



Heavy duty swivel castor with hand-operated directional lock, foot guard and interface for drive motors.



Sprung swivel castor with double suspension and special fitting.



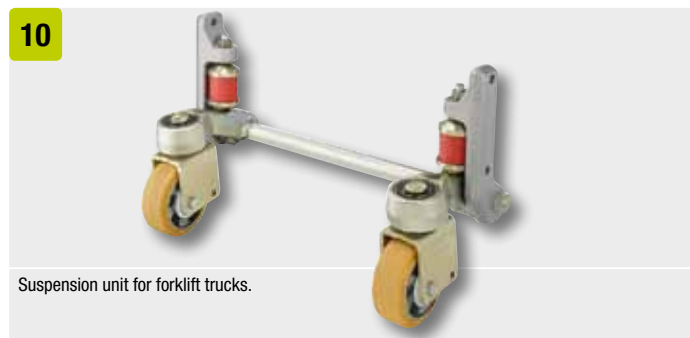
Heavy duty twin wheel swivel castor with stem fitting. Special swivel head bearing integrated in the stem.



Heavy duty twin wheel swivel castor with adjustable spring element.



Sprung heavy duty swivel castor with special fitting. Spring characteristics according to customer's specification.



Suspension unit for forklift trucks.



Twin wheel swivel castor with special directional lock.



Sprung heavy duty twin wheel swivel castor.



Sprung heavy duty swivel castor with multi-component tyre and directional lock.



Heavy duty twin wheel fixed castor with drum brake.



Welded steel heavy duty swivel head.



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### General Information

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## Blickle Product Information

In accordance with the manufacturer's liability obligation for his products as defined in the German Product Liability Law (§4 ProdHaftG) and Equipment and Product Safety Act (§4 para 2 GPSG, EU-directive 2011/95/EC), the following product information on wheels and castors must be observed. Any non-compliance with the following specifications will exempt the manufacturer from his liability.

### 1.0 Product Information and Intended Use

Wheels and castors in the sense of this definition are generally exchangeable components which can be fitted to suitable appliances, furniture and transport equipment or similar products to make them mobile.

The present product information refers to wheels and castors, particularly to passively steering castors (swivel castors), for non-automatically driven vehicles and appliances, hereinafter referred to as 'objects', which are principally driven at walking speed and not run in continuous operation.

Wheels and castors in the sense of this product information can be classified into the following application areas:

Residential sector:

- E.g. seating furniture, house furniture

Service sector:

- General service applications, e.g. trolleys, office furniture
- Hospitals, e.g. hospital beds

Industrial sector:

- E.g. transport equipment of medium to heavy load capacities

For compliance with the products' intended use, correct fitting is particularly important:

- a) The product must be firmly fitted to the object at all provided fitting points.
- b) The object must show sufficient retaining strength at these points.
- c) The product's function must not be affected or changed by the fitting arrangement.
- d) Swivel castors must be fitted with their swivel axles in vertical direction.
- e) Fixed castors must be fitted with their wheel axles in alignment.
- f) Only swivel castors of the same type may be fitted to an object. If fixed castors are also fitted, only castors recommended for such fitting by the manufacturer may be used.

Products used in damp areas, products exposed to direct weathering as well as products used near the sea or in aggressive, corrosion-developing ambiances require approval as special versions.

Products used in a temperature range below +5° C and above +30° C require approval as special versions. Under no circumstances must standard products with nominal load be used under such conditions.

Wheels, brackets, brake systems and axle accessories represent one functional unit. Liability can only be granted for original products.

All possible loads must be known for the selection of wheels. Otherwise, such loads are to be estimated in accordance with sufficiently increased safety factors.

### 2.0 Misuse

Misuse, i.e. utilization of wheels and castors for purposes other than specified as intended use is for example if:

- a) Wheels and castors are used with higher load capacities than those specified in the catalogue.
- b) The objects are used on unsuitable, uneven floors.
- c) The ambient temperatures are too high or too low.
- d) The objects are moved by force with the wheels locked.
- e) The objects are exposed to particularly aggressive substances.
- f) The objects are subjected to improper rough impact and shock loads.
- g) Foreign matter may intrude into the tyres.
- h) Wheels and castors are used at excessive speeds.
- i) Modifications not approved by the manufacturer.

### 3.0 Product Specifications

Where no product specifications are contained in our catalogues, brochures, specification sheets, etc., the requirements placed upon our wheels and castors and the components thereof must be agreed with us.

Within this context, the relevant DIN, ISO and EN standards are applicable.

### 4.0 Product Maintenance

Depending on the respective requirements, wheels and castors must be serviced at regular intervals:

- By lubrication of the bearings.
- By readjustment of non-permanent connections.

Only cleaning agents which contain no corrosion-developing or damaging substances may be used.

Castors and castor components must be replaced as soon as function failures are detected.

### 5.0 Information and Instruction Obligations

The following documents are available for the compliance with information and instruction obligations as well as maintenance requirements in accordance with the German product liability law:

- For the trade sector: Catalogues with product and user information
- For the processing sector: Catalogues with product and user information
- For the user: Product and user information

For assurance of the wheels' and castors' functionality:

- The trade sector is obliged to observe the specifications of this product information (Sections 1.0 - 5.0) as well as those of the user information, to obtain them from the manufacturer if required, and to forward them to the processing unit.
- The processing sector is obliged to observe the specifications of this product information (Sections 1.0 - 5.0) as well as those of the user information, to obtain them from the manufacturer if required, and to forward them to the user.

**Any and all illustrations, drawings, dimensions, etc. are subject to changes and are therefore non-binding.**

## Blickle Product Code System

The Blickle product code system is structured as follows:

### Wheels

Each Blickle wheel series is initially defined by a letter or letter combination. The succeeding figure generally indicates the wheel diameter, the figure after the backslash indicates the axle bore diameter. The hub length is indicated by an occasionally added third figure after the hyphen. The final letters **G**, **R**, **K** and **PR** indicate the respective bearing (plain bore, roller bearing, ball bearing or spherical roller bearing). Possible further letter combinations indicate options.

<b>Product code:</b> <b>VLE 250/20-75K-SN</b>	VLE	250	20	75	K	SN
Wheel series: Heavy duty wheels with super-elastic solid rubber tyres						
Wheel diameter: 250 mm						
Axle bore diameter: 20 mm						
Hub length: 75 mm						
Wheel bearing: Ball bearing in the wheel hub						
Option: Non-marking tyre						

### Swivel and Fixed Castors

Each Blickle swivel castor bracket series is initially defined by an **'L'** or **'HR'** for levelling castors, each Blickle fixed castor bracket series by a **'B'** in the letter combination.

The product codes for swivel and fixed castors are therefore composed of the bracket code and the wheel series code. The succeeding number generally indicates the wheel diameter and the letters **G**, **R**, **K** and **PR** indicate the respective wheel bearing. Further numbers indicate various top plates, bolt hole or stem versions. Possible further letter combinations indicate options.

<b>Product code:</b> <b>LH-SPO 125K-3-ST-FA</b>	LH	SPO	125	K	3	ST	FA
Bracket series: Pressed steel swivel bracket, heavy duty design							
Wheel series: Heavy duty nylon wheel							
Wheel diameter: 125 mm							
Wheel bearing: Ball bearing in the wheel hub							
Fitting: Top plate No. 3 (refer to page 74: 'Fitting types')							
Option: 'stop-top' brake							
Option: Thread guard							

### Options

With options, e.g. special tyres (non-marking grey, electrically conductive, etc.), various brake systems, thread guard, etc., the product code is extended by further letters and / or numbers. These are listed on the various catalogue pages under 'Options' (refer to 'Product code suffix').

## Addresses of Blickle Sales Subsidiaries and Agencies

### Australia

Euro Castors & Wheels  
57 Wellington Street  
PO Box 250  
Riverstone NSW 2765  
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Fax: +61 02 9838 1099  
E-mail: contactecw@commander360.com

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5071 Wals-Siezenheim bei Salzburg  
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Fax: +43 662 8520354  
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Internet: www.blickle.at

### Belgium

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Fax: +32 3 827 00 46  
E-mail: info@blickle.be  
Internet: www.blickle.be

### Bosnia-Herzegovina

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za proizvodnju, trgovinu i usluge,  
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### Bulgaria

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Fax: +359 2 955 6127  
E-mail: info@dinis.bg  
Internet: www.blickle.bg

### Canada

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+1 800 463 2526  
Fax: +1 450 619 0542  
+1 877 463 2500  
E-mail: info@blickle-bleutec.com  
Internet: www.blickle-bleutec.com

Blickle Wheels and Casters Inc.  
1 Wexford Rd. #9  
PO Box 44029  
Brampton, ON, L6Z 4V7  
Phone: +1 800 463 2526  
Fax: +1 877 463 2500  
E-mail: info@blickle.ca  
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Internet: www.multipartes.com.co

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