

Blickle

By

SERVICE CASTER CORP.

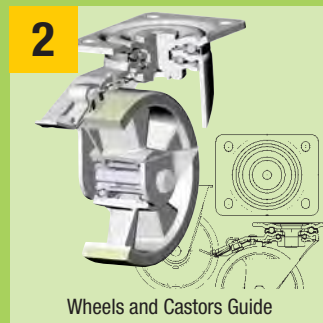
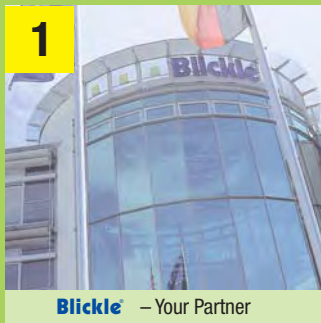
1-800-215-8220



Service Caster Corp., 9 First Avenue, West Reading, PA 19611

General Catalogue G14

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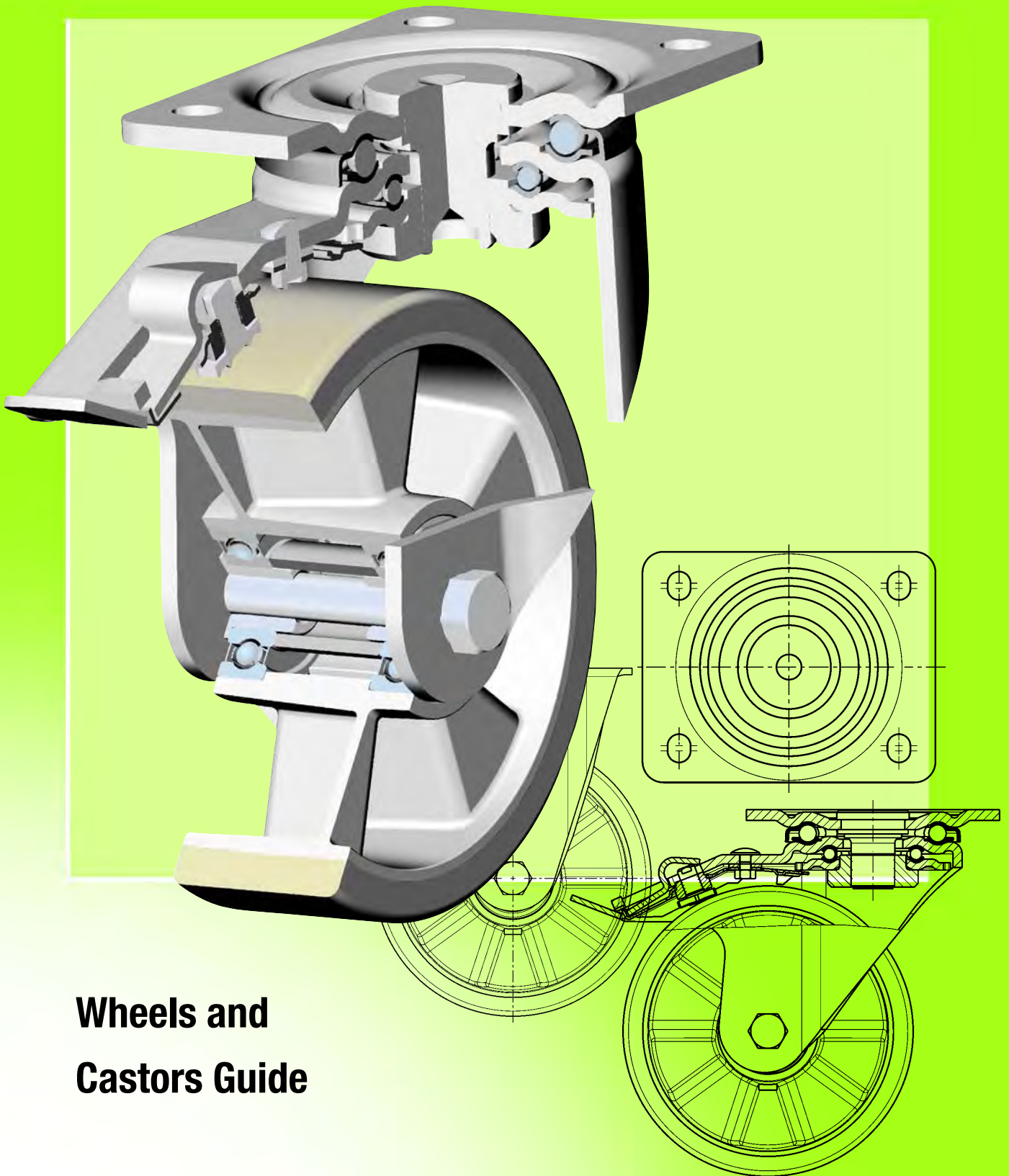
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Wheels and Castors Guide

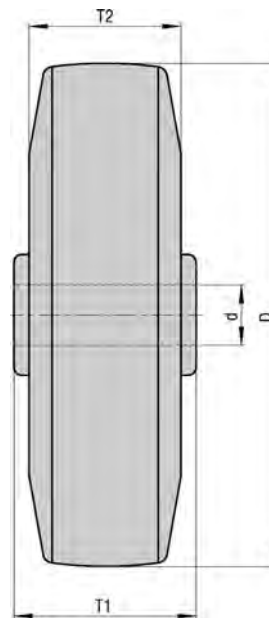
A. Introduction

1. Terminology

Wheels

Wheels consist of different materials and are available with or without tread, tyre, cover, etc. The quality of the tread, the individual rims, the wheel centres and the different bearings are responsible for the diverse wheel characteristics. For this reason, wheels are characterised by different load capacities, rolling resistances and rolling qualities. The special characteristics of the individual wheel series are explained in detail in "B.5. Bickler Wheel Series" as of page 30.

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.



Dimensions:

D = Wheel diameter

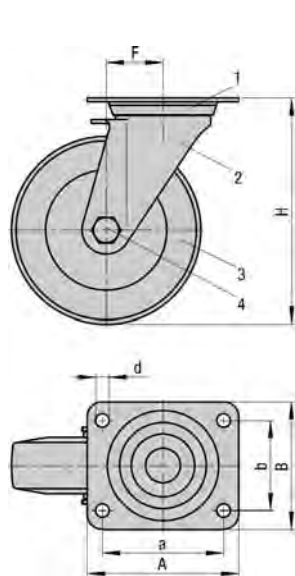
d = Axle bore diameter

T1 = Hub length

T2 = Wheel width

A. Introduction

1. Terminology



Swivel castors with plate

Designations:

- 1 = Top plate
- 2 = Swivel fork
- 3 = Wheel
- 4 = Wheel axle

Dimensions:

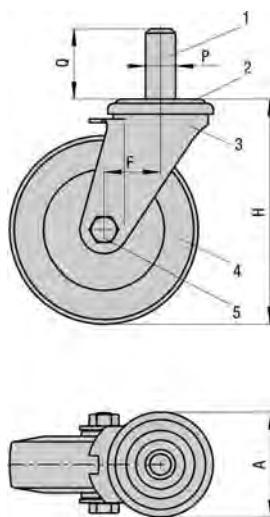
- H = Total height/mounting height
- F = Offset
- A, B = Plate dimensions
- a, b = Bolt hole spacing
- d = Bolt hole diameter

Castors

Castors are components which are fitted to appliances, etc. to make them mobile. Generally, castors are not directly driven and are, therefore, designed for low speeds only. The appliances are mostly pulled or pushed manually or moved by means of a tractor.

A castor consists of a bracket and at least one wheel. As a basic principle, a distinction is made between swivel castors and fixed castors.

Exception: Rollers for pallet trucks - they should, be called wheels for pallet trucks.



Swivel castors with stem

Designations:

- 1 = Steel stem
- 2 = Plate
- 3 = Swivel fork
- 4 = Wheel
- 5 = Wheel axle

Dimensions:

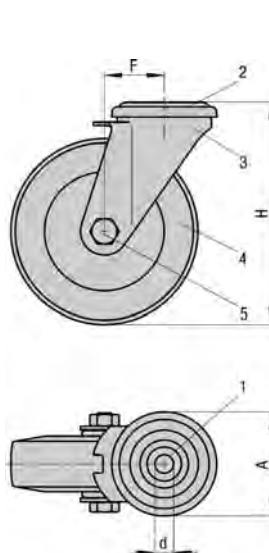
- H = Total height/mounting height
- F = Offset
- A = Plate diameter
- P = Stem diameter
- Q = Stem length

Swivel castors

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

The fitting element is firmly fixed to the appliance while the fork remains rotatable. 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.

This distance is called offset and, if correctly dimensioned, allows a smooth swivelling of the castor without additional tools as well as directional stability.



Swivel castors with bolt hole

Designations:

- 1 = Bolt hole
- 2 = Plate
- 3 = Swivel fork
- 4 = Wheel
- 5 = Wheel axle

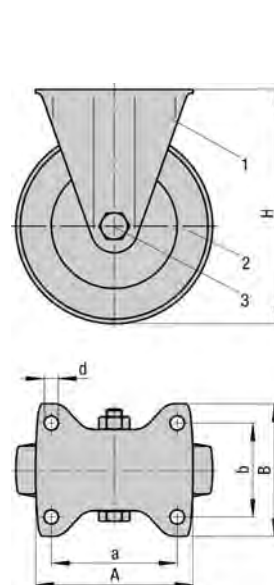
Dimensions:

- H = Total height/mounting height
- F = Offset
- A = Plate diameter
- d = Bolt hole diameter

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 brake),
- the swivel motion of the fork (directional lock).

The most frequently used fitting elements for swivel castors are top plates, steel stems for tubes and bolts for bolt hole fitting via the underside of the swivel bracket.



Fixed castors

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

Fixed castors provide directional stability for, appliances, etc. and cannot be swivelled. Generally, top plates have proven to be the most frequently used fitting elements.

A. Introduction

2. Types of Wheels and Castors, Classified by Application

2

The individual area of application defines the technical design of wheels and castors. The boundaries between the individual types of wheels and castors are, however, not fixed. We basically differentiate between:



Light duty wheels and castors

These wheels and castors are light and mainly used with appliances and equipment for internal applications. The load capacities are within the range required for this type of application (max. 180 kg). These wheels and castors are designed for travelling speeds of up to 3 km/h. The design and surface treatment means our light duty wheels and castors are extremely resistant to unfavourable environmental influences. They fulfil all requirements for maximum manoeuvrability of the respective appliances as well as for maximum smooth rolling performance at low rolling resistances. Light duty swivel castors can be equipped with wheel and swivel brakes. Typical application areas are medical equipment, display bases, equipment for large-scale catering establishments, etc..



Wheels and castors for transport equipment

Wheels and castors for transport equipment cover the widest area of application and are used in the industrial sector, both indoors and outdoors. 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 resistant to environmental influences, largely maintenance-free and run trouble-free over a long period of time. Wheels and castors for transport equipment can be equipped with wheel or swivel brakes and directional locks. Equipment of all kinds, including pallets, working platforms, waste containers, etc. owe their mobility to these wheels and castors.



Heavy duty wheels and castors

Heavy duty wheels and castors are used to move heavy and extremely heavy loads. Therefore, they have a much sturdier design and are under certain circumstances suitable for higher travelling speeds. To move extremely heavy loads, two-wheel castors are used (double swivel and fixed castors). This results in a higher load capacity and improved mobility because of the differential effect. For applications with very heavy loads, the wheels and castors are available in a rugged welded steel design. The wheels and swivel heads are fitted with particularly sturdy bearings. Heavy duty swivel castors can generally be equipped with wheel or swivel brakes and directional locks.

Spring-loaded heavy duty castors are used if weight-dependent levelling and vibration-free transport of fragile goods are required. These castors ensure a safe and permanent mobility, e.g. for storage and industrial trucks as well as for special assembly and transport systems.

B. Selection Criteria for Wheels and Castors

1. Load Capacity

In order to determine the required load capacity, the dead weight of the transport unit, the maximum additional load and the number of wheels and castors to be used must be known.

The required load capacity of a wheel or castor 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 temperature between +15°C and +28°C). As these standard conditions are rarely given, the safety factor S must be considered when determining the required load capacity. Depending on the existing conditions, this factor should have a value between 1.3 and 2.0.

Blickle light duty wheels and castors

Blickle light duty wheels and castors are tested on a rotating test bench in acc. with DIN EN 12527:

- 3 km/h
- Temperature between +15°C and +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 ≥ 90° shore A)
- Travel distance 15,000 x wheel circumference.

Blickle wheels and castors for transport equipment

Blickle wheels and castors for transport equipment are tested on a rotating test bench in acc. with DIN EN 12527:

- 4 km/h
- Temperature between +15°C and +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 ≥ 90° shore A)
- Travel distance 15,000 x wheel circumference.

Blickle heavy duty wheels and castors

Blickle heavy duty wheels and castors are tested on a rotating test bench in acc. with DIN EN 12527:

- 4 km/h
- Temperature between +15°C and +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 ≥ 90° shore A)
- Travel distance 15,000 x wheel circumference.

Speeds higher than 4 km/h with a reduced load capacity are possible for wheels and castors with a wheel diameter of 150 mm or larger and ball bearing.
Dynamic load capacities in acc. with DIN EN 12530, 12532 and 12533 are shown in this Blickle General Catalogue G14.

If a wheel or a fixed castor (not a swivel castor) is mainly exposed to static loads, a load capacity increase of 25 % can be assumed. With long endurance times under high loads, the danger of tread flattening must be considered.

Additional loads (overload) caused by impact or falls, uneven floors, high speeds, shearing forces, extreme temperatures and high chemical strains must be considered when selecting the wheels and castors.

Please contact us.

B. Selection Criteria for Wheels and Castors

2. Environmental Influences

The service life and correct function of a wheel or castor depend on the resistance of the materials to corrosion, temperature and chemical substances.

Corrosion resistance

Steels that are normally used for the production of wheels and castors are not very resistant to wet environments if they do not have a protective coating. The development of corrosion slowly destroys the steel. For this reason, the surfaces of wheel and castor components are provided with a protective coating. As well as the resistance of the respective surface finishing, it must also be considered that these protective coatings may be damaged by impact, thereby impairing the coatings' efficiency.

Parts that are protected by a coat of lacquer lose their corrosion protection if the lacquer coating is damaged. Here, the rust also infiltrates the undamaged coating which directly surrounds the damaged area.

Galvanized layers have the advantage that, in cases of insignificant damage, the zinc material continuously protects the steel against corrosion. As the zinc element corrodes faster than steel due to electrochemical processes, the uncoated area remains unaffected by corrosion. The galvanized components undergo an additional chemical treatment which is called passivation. A differentiation is made between blue and yellow passivation. The yellow passivation offers better protection against humidity than the blue passivation.

Stainless steels are known for their good corrosion resistance. The most frequently used material (1.4301/AISI 304) is an 18 % nickel-chromium steel.

Temperature resistance

The correct function of a wheel or a 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 the direction, length and condition of the covered distance.

If synthetic wheels, rims or wheel centres are used, the effects of temperature must be considered when selecting the material and suitable bearing. Under the effect of temperature, for example, load capacity and stability are reduced.

The load capacity and service life of treads considerably decrease with higher temperatures. 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 328 - 344.

Chemical resistance

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

The table on page 27 shows the chemical resistance of some treads (tyres) and wheel centres to chemical substances. The specifications in the table on page 27 are for guidance only.

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 on other environmental conditions such as temperature and humidity. In case of doubt, please contact us.

Note: Chemical compounds may have completely different effects than indicated in the table.

We do not accept any legal liability.

B. Selection Criteria for Wheels and Castors

2. Environmental Influences

✓ resistant • conditionally resistant ✧ not resistant – not specified	conc. %	RUBBER	NYLON	POLYURETHANE
Acetaldehyde	40	•	•	✧
Acetylene		✓	✓	✓
Acetic acid	30	✧	✓	✧
Acetone		✓	✓	✧
Acryl acid >30°C		–	✧	✧
Alcyl benzene		–	✓	–
Alcyl alcohol		✓	•	✧
Aluminium acetate		–	✓	–
Amines, aliphatic		–	✓	–
Amino acid mixtures		–	✓	–
Ammonia, fluid	20	✓	✓	✧
Ammonium bicarbonate		✓	✓	–
Ammonium carbonate		✓	–	✧
Ammonium hydroxide		–	–	✧
Ammonium nitrate		•	–	✓
Ammonium rhodanide		–	✓	–
Ammonium salts		–	✓	–
Ammonium sulphate		•	–	✓
Amyl acetate		✓	✓	✧
Amyl alcohol		✓	✓	•
Antiliming, aqueous	10	–	✓	–
Aniline		✧	•	✧
Antraquinone, 85° C		–	✓	–
Aqua regia		✧	✧	✧
Barium salts		✓	•	✓
Beer		✓	✓	✓
Benzene, petroleum ether		✧	✓	✓
Bitumen		✧	✓	✓
Borax		✓	–	✓
Boric acid, aqueous	10	✓	•	✓
Bromine		✧	✧	✧
Butane		✧	✓	✓
Butter		✧	✓	✓
Carbolineum		✧	✓	✧
Carbon acid		–	–	✓
Carbon monoxide, hot		–	✓	✧
Carbon tetrachloride		✧	✓	✧
Casein		–	✓	–
Castor oil		–	–	✓
Caustic soda	50	✓	•	✧
Chlorine, chlorine water		✧	✧	✧
Chromic acid, aqueous	10	✧	•	•
Citric acid, aqueous	10	✓	✓	–
Citrus oils		–	✓	–
Clophen		✧	✓	✧
Cobalt salts, aqueous	20	–	•	–
Coconut oil		✧	✓	✓
Copper chloride		✓	–	✓
Copper salts, aqueous	10	–	✧	✓
Copper sulphate		•	•	✓
Cottonseed oil		–	–	✓
Cresole		–	✧	✓
Cyclohexanol		•	✓	•
De-icing salt (solutions)		–	✓	–
Dichlorobenzene		✧	✓	✧
Dichlorobutylene		✧	–	✧

✓ resistant • conditionally resistant ✧ not resistant – not specified	conc. %	RUBBER	NYLON	POLYURETHANE
Diethylene glycol		✓	✓	✓
Dimethylaniline		–	–	✧
Dimethylether		•	✓	✓
Dimethylformamide		•	✓	✧
Diphenyl, 80° C		–	✓	✧
Ethanolamine		–	–	✧
Ether		–	✓	✧
Ethyl acetate		•	✓	✧
Ethyl alcohol		✓	•	✓
Ethylene		–	–	✓
Fatty acids		–	✓	✓
Ferrous chloride, acid	10	•	✧	•
Fir needle oil		✧	–	✓
Flue gas		–	–	✧
Fluorine		–	✧	✧
Formaldehyde	30	✓	✓	•
Formamide, pure		✓	✓	•
Formic acid	10	•	✧	✧
Furfural		–	✓	✧
Gelatine		–	–	✓
Glacial acetic acid		•	–	✧
Glucose		✓	–	✓
Glue		–	–	✓
Glycerine		✓	✓	✓
Glycol		✓	•	•
Hexane		✧	✓	✓
Hydraulic liquids		✧	✓	✧
Hydrochloric acid, aqu.	30	•	✧	✧
Ink, Indian ink		✓	✓	✓
Iodine tincture		✓	✧	✧
Iron sulphate		–	–	✓
Isopropylchloride		✧	–	✧
Isoprophylether		✓	–	✓
Lead acetate, aqueous	10	•	✓	✓
Lead nitrate		✓	–	✓
Magnesium salts, aqu.	10	–	✓	✓
Malic acid		–	✓	•
Manganic salts	10	–	•	–
Mercury		✓	✓	✓
Mercury chloride		–	•	✓
Methyl alcohol		•	•	✓
Methylene chloride		✧	✧	✧
Methylethylketone		✧	✓	✧
Methylpyrrolidone		–	–	✧
Milk		✓	✓	✓
Mineral oils		✧	✓	✓
Mixed acids		✧	✧	✧
Monobromobenzene		✧	–	✧
Mortar, cements, lime		✓	✓	–
Mustard		–	–	✓
Naphtalene		✧	✓	✧
Nickel chloride, aqueous	10	✓	•	✓
Nickel salts, aqueous	10	–	•	✓

✓ resistant • conditionally resistant ✧ not resistant – not specified	conc. %	RUBBER	NYLON	POLYURETHANE
Nickel sulphate, aqueous	10	•	•	✓
Nobel gases		–	✓	–
Oleic acid		✧	✓	✓
Oxalic acid, aqueous	10	–	•	–
Ozone		✧	•	✓
Palmitic acid		✧	✓	✧
Paraffin		✧	✓	✓
Phenylbenzene		✧	–	✧
Phenylethylether		✧	–	✓
Phosphoric acid, aqu.	10	•	✧	–
Potassium chloride	10	•	✓	✓
Potassium cyanide		–	–	•
Potassium hydroxide		–	✓	✧
Potassium salts		–	–	•
Potassium sulphate		✓	–	✓
Propane		✧	✓	✓
Propyl alcohol		–	–	•
Sewage		–	✓	•
Silver nitrate		•	✓	✓
Soda solution, aqueous	10	✓	✓	–
Sodium carbonate, aqu.	10	–	✓	✧
Sodium chloride, aqueous	10	•	✓	✓
Sodium cyanide, aqueous	10	–	✓	✧
Sodium hydroxide		–	–	✧
Sodium hydroxide, aqu.		–	–	✧
Sodium nitrate, aqueous	10	✓	✓	✓
Sodium phosphate, aqu.	10	✓	✓	✓
Sodium silicate, aqu.	10	✓	✓	•
Sodium sulphate, aqu.	10	✓	✓	✓
Sodium sulphide, aqu.	10	•	✓	•
Sodium thiosulphate	10	✓	✓	•
Stearic acid		✧	✓	✧
Suds, 80° C		✓	✓	•
Sulphurous acid		•	•	✧
Tannic acid	10	✓	–	–
Toluole		✧	✓	✧
Trichlorethylene		✧	•	✧
Turpentine oil		✧	✓	•
Uran fluorides		–	✧	–
Uric acid, aqueous	10	✓	✓	–
Urine		✓	✓	–
Vaseline		–	✓	–
Vegetable oils		✧	✓	✓
Vinyl chloride, 80° C		–	✓	–
Wax, 80° C		–	✓	–
Water, cold		✓	✓	✓
Water (sea water)		✓	✓	•
Water up to 80° C		•	✓	✧
Wine acid, aqueous	10	✓	✓	–
Xylene		✧	✓	✧
Zinc chloride, aqueous	10	✓	•	✧
Zinc rhodanide	30	–	✧	–

2

B. Selection Criteria for Wheels and Castors

3. Starting and Rolling Resistance

Starting resistance

The starting resistance is the force required to set the wheel in motion from a stationary position.

Rolling resistance

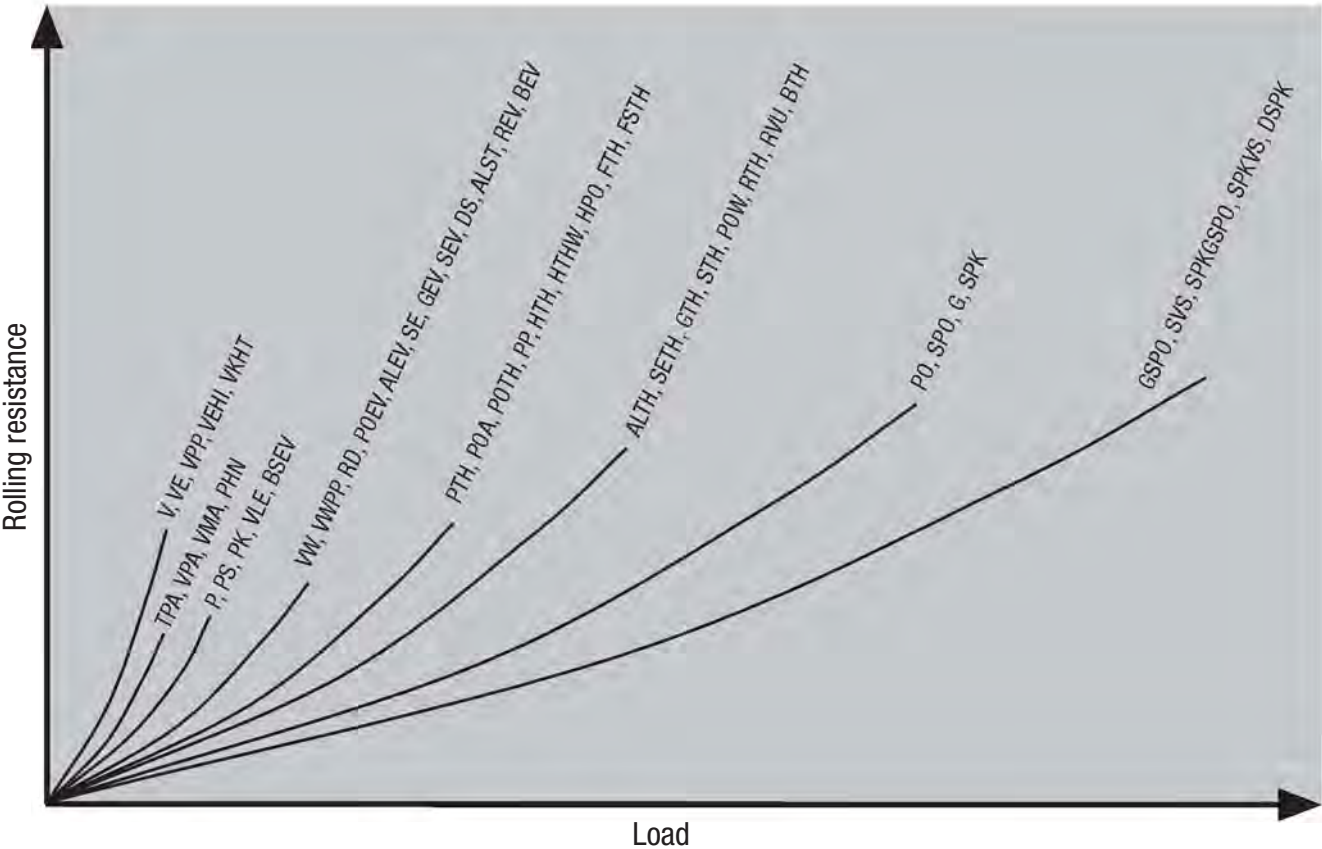
The rolling resistance is the force required to keep the wheel in constant motion.

The starting and rolling resistance of an appliance or a machine is not only influenced by the condition of the floor, the temperature and the total weight of the appliance, but also by the wheel diameter, the type of tread and the type of bearing.

All these factors have an impact on the manoeuvrability and smooth mobility of the appliance or the machine.

Refer to the following diagram for comparative rolling resistance data of the Blicke wheel series.

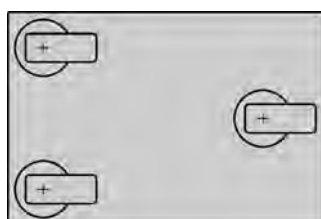
Rolling resistance of different Blicke® wheel series depending on the tread



B. Selection Criteria for Wheels and Castors

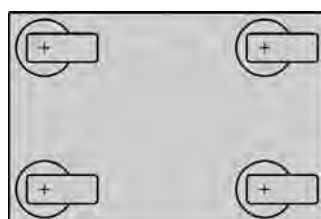
4. Manoeuvrability

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.



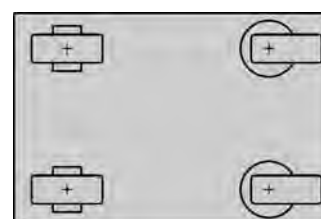
Three swivel castors of identical height

For small loads. The appliance is easily manoeuvrable in all directions. When travelling straight, the appliance is hard to control. With this arrangement, the appliance tends to tilt.



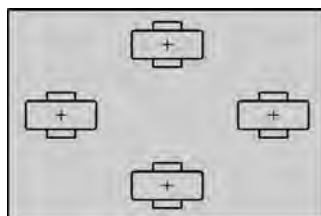
Four swivel castors of identical height

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



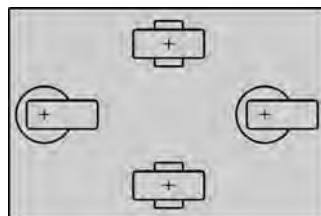
Two swivel castors and two fixed castors all of identical height

This is the most frequently used castor arrangement. Straight line travelling as well as manoeuvrability is good. In confined areas, however, 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.



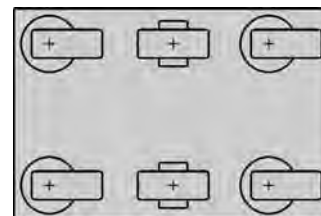
Four fixed castors, with the centre castors having a slightly higher total height

Cost-favourable castor arrangement. Good straight travelling and relatively easy manoeuvrability. The appliance has, however, the tendency to tilt with this arrangement. Alternatively, one wheel set, i.e. two wheels on one axle, may be fitted instead of the central fixed castors.



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

Good straight travelling of the appliance and directional changes on the spot. The appliance should ideally be used on even floors, as it has a tendency to tilt. Alternatively, one wheel set, i.e. two wheels on one axle, may be fitted instead of the fixed castors.



Four swivel castors, two fixed castors of identical height

Costly castor arrangement. Recommended for heavy loads and long appliances. The appliance is easily steerable with this arrangement. Alternatively, one wheel set, i.e. two wheels on one axle, may be fitted instead of the fixed castors.

B. Selection Criteria for Wheels and Castors

5. Bickel Wheel Series

Bickel Wheels for Light Duty Castors

Bickel wheels for light duty castors

The type of wheel, i.e. the tread (tyre), and the wheel material are decisive factors to be considered when selecting a wheel or swivel/fixed castor. The selection depends on the required load capacity, the environmental influences, the starting and rolling resistance, the smooth rolling performance and, of course, the condition of the floor surface. Generally speaking: The more uneven the floor conditions, the more resilient the tread (tyre) or wheel material and the larger the wheel diameter should be. The operational noise and the risk of floor damage increase with the hardness of the wheel material and tread (tyre). Due to the importance of the tread (tyre) and the wheel material, the present Bickel General Catalogue G14 is to a large extent classified in accordance with this decisive selection criterion.



TPA series

Wheel Ø: 50 - 200 mm
 Up to 140 kg
 Page: 84 - 91, 302 - 303

The TPA series covers wheels made of a high-quality thermoplastic rubber elastomer tread (TPE), 85° ±3° shore A, colour grey, non-marking. The wheels offer good operational comfort as well as low-noise rolling performance with minimal rolling and swivel resistance. They are highly resistant to many aggressive substances, are non-staining and temperature resistant from -20° C to +60° C. The tread is material-fitted (non-detachable) to the wheel centre. The wheel centre consists of high-quality polypropylene, colour light grey (refer to the material description on page 46).

Ball bearing version without thread guard: Two pressed-in ball bearings.

Ball bearing version with thread guard:

One firmly fitted and sealed ball bearing with integrated synthetic thread guard offers excellent protection against dirt and humidity.

Standard versions: Plain bearing, pressed-in ball bearing and injected ball bearing with thread guard.

In addition to the standard version, the following are available:

- Antistatic, non-marking (Ref. No. extension: -ELS): Leak resistance $\leq 10^{-4}$ Ω, in acc. with DIN EN 12526, black wheel centre.
- Double-sealed ball bearing (Ref. No. extension: -KD): For applications in wet environments with aggressive substances, additional slipping sealings are used (refer to the -KD ball bearing sealing description on page 58).



VPA series

Wheel Ø: 49 - 175 mm
 Up to 125 kg
 Page: 92 - 99, 304 - 305

The VPA series covers solid rubber tyred wheels with nylon or polypropylene rims. As standard, this series is available with non-marking grey solid rubber tyres, 80° ±4° shore A. These tyres are characterised by their low rolling resistance, floor-saving behaviour and low-noise rolling performance. They are non-staining and show resistance to diluted acids, however, not to oils. Operating temperature: -20° C to +60° C.

The rims are made of high-quality nylon 6 (refer to the material description on page 47) or polypropylene (refer to the material description on page 46), colour black. They are shock and impact resistant and show a high resistance to many aggressive substances. The following bearing versions are available as standard: Plain bearing, ball bearing. In addition to the standard version, the following are available:

- Antistatic design (Ref. No. extension: -EL): Leak resistance $\leq 10^{-4}$ Ω, in acc. with DIN EN 12526, black wheel, tyre marking, black wheel centre.

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Bickler Wheels for Light Duty Castors



VMA 125/12G wheel type

Wheel Ø: 125 mm
75 kg
Page: 100 - 101

The VMA 125/12G series covers solid rubber tyred wheels with nylon rims. As standard, this series is available with non-marking grey solid rubber tyres, 80°±4° shore A. These tyres are characterised by their low rolling resistance, floor-saving behaviour and low-noise rolling performance. They are non-staining and show resistance to diluted acids, however, not to oils. Operating temperature: -30° C to +80° C. The rims of these wheels are made of high-quality nylon 6, colour grey (refer to the material description on page 47). Due to their smooth design, the rims are especially dirt-resistant. The following bearing version is available as a standard: Plain bearing.

Particularly suitable for medical-technical applications.

VMA 126/12G wheel type

Wheel Ø: 125 mm
110 kg
Page: 100 - 101

The VMA 126/12G series solid rubber tyred wheels with nylon rims. As a standard, this series is available with non-marking grey solid rubber tyres, 80°± 4° shore A. These tyres are characterised by their low rolling resistance, floor-saving behaviour and low-noise rolling performance. They are non-staining and show resistance to diluted acids, however, not to oils. Operating temperature: -30° C to +80° C. The rims of these wheels are injection-moulded and made of high-quality nylon 6, colour grey (refer to the material description on page 47). These wheels have good rolling characteristics and are especially suitable for wet applications. The following bearing version is available as standard: Plain bearing.

Particularly suitable for medical-technical applications.

VMA 127/8K wheel type

Wheel Ø: 125 mm
125 kg
Page: 100 - 101

The VMA 127/8K series covers solid rubber tyred wheels with nylon rims. As standard, this series is available with non-marking grey semi-elastic solid rubber tyres. These wheels consist of two-component tyres with hard rubber core and a highly elastic tread. This special tyre structure reduces the starting and rolling resistance and offers floor-saving characteristics, high wear resistance and low-noise rolling performance (vibration-absorbing). These semi-elastic solid rubber tyres are non-staining and are resistant to diluted acids, however, not to oils. Operating temperature: -30° C to +80° C. These non-marking grey tyres have a hardness of 70°±4° shore A (in acc. with DIN 53505). The rims of these wheels are injection-moulded and made of high-quality nylon 6, colour grey (refer to the material description on page 47). The following bearing version is available as standard: Ball bearing.

Particularly suitable for medical-technical applications.

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Bickler Wheels for Light Duty Castors



PTH series

Wheel Ø: 80 - 125 mm
Up to 180 kg
Page: 102 - 104, 306 - 307

The PTH series covers wheels with a thermoplastic, injection-moulded grey non-marking polyurethane tread, 98° shore A, non-staining (refer to the material description on page 43) and a positive and non-positive connected wheel centre made of high-quality nylon 6 in light grey (refer to the material description on page 47). These wheels are resistant to many aggressive substances. Ball bearing version: One firmly fitted and sealed ball bearing offers excellent protection against dirt and humidity. The following bearing versions are available as standard: Plain bearing, ball bearing. In addition to the standard version, the following is available:

- Antistatic, non-marking (Ref. No. extension: -ELS): Leak resistance $\leq 10^4 \Omega$, in acc. with DIN EN 12526, light grey wheel centre.



POA series

Wheel Ø: 35 - 150 mm
Up to 180 kg
Page: 107 - 113, 308 - 309

The POA series covers injection-moulded wheels made of high-quality nylon 6, colour black (refer to the material description on page 47) with a low rolling resistance. Ball bearing version: The firmly fitted and sealed ball bearing offers excellent protection against dirt and humidity. The following bearing versions are available as standard: Plain bearing, ball bearing.



HZ series

Wheel Ø: 50 - 125 mm
Up to 90 kg
Page: 114 - 117

The HZ series covers wheels made of high-quality, dried and bonded beech wood. Due to the natural grain pattern and the elegant design, these wheels are particularly suitable for design applications in residential areas. Colour: Natural beech, transparent lacquer coating. The following bearing version is available as standard: Plain bearing. In addition to the standard version, the following is available:

- Wheel with rubber rings on the tread (Ref. No. extension: -GU).

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Bickler Wheels with Standard Solid Rubber Tyres

Bickler wheels with standard solid rubber tyres

Standard solid black rubber tyres are characterised by their floor-saving behaviour and low-noise rolling performance. They are shock-resistant, vibration-absorbing and resistant to diluted acids, however, not to oils. Operating temperature: -30° C to +80° C (heat-resistant version up to +280° C, refer to the VEHL and VKHT series on page 52 and 330 - 337). The hardness is 80°±5° shore A.

In addition to the black standard version, the following tyres are available:

- Non-marking grey
- Antistatic (leakage resistance $\leq 10^4 \Omega$, in acc. with DIN EN 12526).



Serie VE

Wheel Ø: 80 - 200 mm
 Up to 205 kg
 Page: 126 - 129

The VE series covers wheels with standard solid black rubber tyres and pressed steel rims.

The rims are zinc-plated to ensure protection against environmental influences.

As the roller bearings are lubricated with long-life grease, the wheels are maintenance-free under normal operating conditions.

The following bearing version is available as standard: Roller bearing. In addition to the standard version, the following are available:

- Non-marking grey tyre (Ref. No. extension: -SG).
- Antistatic (Ref. No. extension: -EL): Leak resistance $\leq 10^4 \Omega$, in acc. with DIN EN 12526, black tyre, marking.

Serie V

Wheel Ø: 80 - 400 mm
 Up to 800 kg
 Page: 130 - 132

The V series covers wheels with standard solid black rubber tyres and pressed steel rims with tubular steel hub. Depending on the wheel size, the centre is available pressed or bolted. The pressed design is a special Bickler rim construction, which is extremely rugged even in case of extreme impact and shock loads and characterised by its elegant design ("Die gute Industrieform" design award). The rims are zinc-plated to ensure protection against environmental influences. The wheels are maintenance-free under normal operating conditions. Wheels with roller or ball bearings are lubricated with long-life grease.

The following bearing versions are available as standard: Plain bearing, roller bearing, ball bearing. In addition to the standard versions, the following is available:

- Non-marking grey tyre (Ref. No. extension: -SG).

B. Selection Criteria for Wheels and Castors

5. Bickie Wheel Series

Blickle Wheels with Standard Solid Rubber Tyres and Thermoplastic Rubber Tread

2



VPP series

Wheel Ø: 80 - 400 mm
Up to 350 kg
Page: 133 - 138, 310 - 313

The VPP series covers wheels with standard solid black rubber tyres and black polypropylene rims (refer to the material description on page 46). With the use of plain bearings, the wheels are corrosion-resistant. The rim is impact- and shock-resistant. The wheels are maintenance-free under normal operating conditions. Wheels with roller or ball bearings are lubricated with long-life grease. The following bearing versions are available as standard: Plain bearing, roller bearing, ball bearing. In addition to the standard versions, the following are available:

- Non-marking grey tyre (Ref. No. extension: -SG).
- Roller bearing version with stainless steel roller bearing (Ref. No. extension: -XR).



VPE series

Wheel Ø: 146 - 260 mm
Up to 150 kg
Page: 139

The VPE series covers wheels with light standard solid black rubber tyres and black, impact and shock resistant polypropylene rims (refer to the material description on page 46). The wheels are corrosion-resistant and are maintenance-free under normal operating conditions. The wheel with the dimensions 260x85 mm is equipped with a soft tyre (55° shore A). The following bearing version is available as standard: Plain bearing. In addition to the standard version, the following is available:

- Red centre (Ref. No. extension: -ROT).



TPP series

Wheel Ø: 160 + 200 mm
Up to 220 kg
Page: 140 - 142

The TPP covers wheels with a high-quality thermoplastic rubber elastomer tread (TPE), 85°±3° shore A, non-marking grey. These wheels offer good operational comfort as well as a low-noise rolling performance with minimal rolling and swivel resistance. They are resistant to many aggressive substances, non-staining. Operating temperature: -20°C to +60°C. The tread is material-fitted (non-detachable) to the wheel centre. The wheel centre consists of high-quality polypropylene, colour light grey (refer to the material description on page 46). Ball bearing version: Two pressed-in, sealed ball bearings. The integrated plastic cover offers excellent protection against dirt and humidity. Standard version: Ball bearing. In addition to the standard version, the following are available:

- Antistatic non-marking (Ref. No. extension: -ELS): Leak resistance ≤ 10⁴ Ω, in acc. with DIN EN 12526, black wheel centre.
- Double-sealed ball bearing (Ref. No. extension: -KD): For applications in wet environments with aggressive substances, additional slipping sealings are used (refer to the -KD ball bearing sealing description on page 58).

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Blickle Wheels with Soft Rubber Tyres "Blickle® Soft"

Blickle wheels with soft rubber tyres "Blickle® Soft"

"Blickle® Soft" rubber tyres are made of a specially developed, highly elastic, soft rubber compound with 50°+5° shore A. These tyres offer outstanding travelling comfort, have a very low rolling resistance and are particularly noise-absorbing.

Due to their excellent operational comfort, these puncture-free tyres are particularly suitable for replacing pneumatic tyres.

The tyre with the dimensions 260x85 mm is a two-component tyre with a hard rubber core - hardness 90° shore A- and a highly elastic soft tread with 50°+5° shore A.

"Blickle® Soft" rubber tyres are resistant to diluted acids, however, not to oils. Operating temperature: -30° C to +80° C.

In addition to the standard black version the following is available:

- Non-marking grey.



VW series

Wheel Ø: 125 - 260 mm
 🚚 Up to 200 kg
 Page: 146 - 147

The VW series covers wheels with "Blickle® Soft" rubber tyres and pressed steel rims with tubular steel hub. Depending on the wheel size, the centre is available pressed or bolted. The pressed design is a special Blickle rim construction, which is extremely rugged even in case of extreme impact and shock loads and is characterised by its elegant design ("Die gute Industrieform" design award). The rims are zinc-plated to ensure protection against environmental influences. As the roller bearings are lubricated with long-life grease, the wheels are maintenance-free under normal operating conditions. The following bearing versions are available as standard: Roller bearing, ball bearing. In addition to the standard version, the following is available:

- Non-marking grey tyre (Ref. No. extension: -SG).



VWPP series

Wheel Ø: 125 - 260 mm
 🚚 Up to 200 kg
 Page: 148 - 149

The VWPP series covers wheels with "Blickle® Soft" rubber tyres and black polypropylene rims (refer to the material description on page 46). With the use of plain bearings, the wheels are corrosion-resistant. The rims are impact- and shock-resistant. These wheels are maintenance-free under normal operating conditions. The following bearing versions are available as standard: Plain bearing, ball bearing. In addition to the standard version, the following is available:

- Non-marking grey tyre (Ref. No. extension: -SG).

B. Selection Criteria for Wheels and Castors

5. Blickle Wheel Series

Blickle Wheels with Semi-Elastic Solid Rubber Tyres "Blickle® Comfort"

2

Blickle wheels with semi-elastic solid rubber tyres "Blickle®-Comfort"

"Blickle® Comfort" semi-elastic solid rubber tyres are two-component tyres, which consist of a hard rubber core - hardness 90° shore A - and a highly elastic tread 65°±4° shore A.

This special tyre structure increases the load capacity compared to standard solid rubber tyres and reduces the rolling resistance.

The floor-saving characteristics, the wear resistance and the low-noise rolling performance (vibration-absorbing) of these tyres are better than those of standard solid rubber tyres. Semi-elastic solid rubber tyres are resistant to diluted acids, however, not to oils. Operating temperature: -30° C to +80° C.

In addition to the black standard version, these tyres are also available in non-marking grey.

The tread hardness of the non-marking grey tyre is 56°±4° shore A.



RD series

Wheel Ø: 100 - 280 mm

Up to 650 kg

Page: 150 - 152

The RD series covers wheels with "Blickle® Comfort" semi-elastic solid rubber tyres and pressed steel rims with tubular steel hub. Depending on the wheel size, the centre is available pressed or bolted. The pressed design is a special Blickle rim construction, which is extremely rugged even in case of extreme impact and shock loads and is characterised by its elegant design ("Die gute Industrieform" design award). The rims are zinc-plated to ensure protection against environmental influences.

Due to the lubrication of the roller or ball bearings with long-life grease, the wheels are maintenance-free under normal operating conditions.

The following bearing versions are available as standard: Roller bearing, ball bearing.

In addition to the standard version, the following is available

- Non-marking grey tyre (Ref. No. extension: -VLJ).

B. Selection Criteria for Wheels and Castors

5. Bickel Wheel Series

Blickle Heavy Duty Wheels with Elastic Solid Rubber Tyres


Blickle heavy duty wheels with elastic solid rubber tyres

Elastic solid rubber tyres have an especially high load capacity due to their special rubber compound. The tyres are floor-saving and characterised by a very low rolling resistance, excellent operational comfort as well as a high wear resistance. The firm tyre seat on the wheel centre is attained by vulcanising the tyres or pressing steel-wire reinforced tyres or steel-band tyres onto the wheel centre. Operating temperature: -30° C to +80° C temporarily up to +100° C. Increased ambient temperature in combination with high loads and speed may lead to an over-heating of the tyre. The elastic solid rubber tyres are available in three versions:

- **Smooth rolling quality:**
This version is characterized by a particularly low starting and rolling resistance as well as a high wear resistance. The hardness is $65^{\circ}\pm 3^{\circ}$ shore A. In addition to the black standard version, these tyres are also available in a non-marking grey or non-marking blue design in certain dimensions (non-staining).
- **Drive quality:** This version has high wear resistance with a low starting and rolling resistance. The hardness is $65^{\circ}\pm 3^{\circ}$ shore A. Colour: black.
- **Friction wheel quality:**
This version has an extremely high wear resistance with a relatively high rolling resistance and is particularly suitable for drum drives. The hardness is $73^{\circ}\pm 3^{\circ}$ shore A. Colour: black.



POEV series

Wheel Ø: 80 - 300 mm
 Up to 650 kg
 Page: 156 - 160, 314 - 316

The POEV series covers heavy duty wheels with elastic solid rubber tyres in smooth rolling quality which are equipped with a black nylon wheel centre. The elastic solid rubber tyre is vulcanised onto the wheel centre. The wheel centre is made of high-quality nylon 6 (refer to the material description on page 47) and therefore provides a high shock, impact and corrosion resistance.


The wheels are maintenance-free under normal operating conditions. Wheels with roller or ball bearings are lubricated with long-life grease.

The following bearing versions are available as standard: Plain bearing, roller bearing, ball bearing. In addition to the standard versions, the following are available:

- Non-marking grey tyre (Ref. No. extension: -SG).
- Non-marking blue tyre (Ref. No. extension: -SB).
- Stainless steel roller bearing (Ref. No. extension: -XR).
- Stainless steel ball bearing (Ref. No. extension: -XK).
- Double-sealed bearing (Ref. No. extension: -KD, refer to the description on page 58), designed as slipping sealing; particularly suitable for applications in wet environments with aggressive substances.



ALEV series

Wheel Ø: 100 - 250 mm
 Up to 550 kg
 Page: 161 - 167, 348 - 349, 369

The ALEV series covers heavy duty wheels with elastic solid rubber tyres in smooth rolling quality and an aluminium die-cast wheel centre. The elastic solid rubber tyre is vulcanised onto the wheel centre. These wheels have a high corrosion resistance.


The following bearing version is available as standard: Ball bearing.

In addition to the standard version, the following are available:

- Non-marking grey tyre (Ref. No. extension: -SG).
- Antistatic (Ref. No. extension: -EL):
Leak resistance $\leq 10^4 \Omega$, in acc. with DIN EN 12526, black tyre, marking.



SE series

Wheel Ø: 100 - 415 mm
 Up to 1150 kg
 Page: 168 - 173, 350 - 351

The SE series covers heavy duty wheels with elastic solid rubber tyres in smooth rolling quality and a triple-welded wheel centre with tubular steel hub pressed from thick-walled sheet steel. Depending on the wheel size, the elastic solid rubber tyres are vulcanised or, with the steel-wire reinforced version, hydraulically pressed, onto the wheel centre.

The elastic solid rubber tyre is directly vulcanised onto the tubular steel hub for wheel Ø of 100 mm and 125 mm. Due to the special shape of the pressed steel wheel centre, these wheels are especially resistant to dirt, shocks and impacts. They have a smooth and elegant design. The lacquer coating of the wheel centres provides protection against environmental influences, colour anthracite.

The following bearing versions are available as standard:

Ball bearing, plain bearing.

In addition to the standard versions, the following are available:

- Non-marking grey tyre (Ref. No. extension: -SG).
- Grease nipple (Ref. No. extension: -NI).

B. Selection Criteria for Wheels and Castors

5. Bickie Wheel Series

Bickie Heavy Duty Wheels with Elastic Solid Rubber Tyres

2



GEV series

Wheel Ø: 250 - 520 mm
Up to 1800 kg
Page: 174 - 175

The GEV series covers heavy duty wheels with elastic solid rubber tyres in smooth rolling quality and a rugged grey cast iron wheel centre (refer to the material description on page 49) with grease nipple. The steel-wire reinforced elastic solid rubber tyres are hydraulically pressed onto the wheel centre. The cast iron wheel hub is approx. 4 mm wider than the tread width (tyre width) indicated in the table in order to ensure a firm tyre fit. The lacquer coating of the wheel centres provides protection against environmental influences, colour anthracite. When used as end wheels ensure the load rating of the axles is also adequate. The following bearing version is available as standard: Ball bearing. In addition to the standard version, the following are available:

- Non-marking natural colour tyre (Ref. No. extension: -SN).
- Steel-band tyre in drive quality (Ref. No. extension: -SBA).
- Hub cap for end wheel application (Ref. No. extension: -E).

Refer to the description on page 79.

SEV series

Wheel Ø: 550 - 620 mm
Up to 3000 kg
Page: 174 - 175

The SEV series covers heavy duty wheels with elastic solid rubber tyres in smooth rolling quality and a wheel centre in an extremely rugged welded steel design with tubular steel hub and grease nipple. The steel-wire reinforced elastic solid rubber tyres are hydraulically pressed onto the wheel centre. The lacquer coating of the wheel centres provides protection against environmental influences, colour anthracite. When used as end wheels ensure the load rating of the axles is also adequate. The following bearing version is available as standard: Ball bearing. In addition to the standard version, the following are available:

- Non-marking natural colour tyre (Ref. No. extension: -SN).
- Steel-band tyre in drive quality (Ref. No. extension: -SBA).
- Hub cap for end wheel application (Ref. No. extension: -E).

Refer to the description on page 79.

GEVN series

Wheel Ø: 300 - 520 mm
Up to 1800 kg
Page: 176

The GEVN series covers heavy duty wheels with elastic solid rubber tyres in drive quality and a rugged grey cast iron wheel centre (refer to the material description on page 49). The steel-band elastic solid rubber tyres are hydraulically pressed onto the wheel centre. The cast iron wheel hub is approx. 4 mm wider than the tread width (tyre width) indicated in the table in order to ensure a firm tyre fit. The lacquer coating of the wheel centres provides protection against environmental influences, colour anthracite. The hub is provided with a bore hole and a hub keyway in acc. with DIN 6885. When used as end wheels ensure the load rating of the axles is also adequate. In addition to the standard version, the following is available:

- Steel-band tyre in friction wheel quality (Ref. No. extension: -SBR).

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Bickler Heavy Duty Wheels with Elastic Solid Rubber Tyres



SEVN series

Wheel Ø: 610 + 620 mm
 📦 Up to 3000 kg
 Page: 176

The SEVN series covers heavy duty wheels with elastic solid rubber tyres in drive quality and a wheel centre in an extremely rugged welded steel design with tubular steel hub. The steel-band elastic solid rubber tyres are hydraulically pressed onto the wheel centre. The lacquer coating of the wheel centres provides protection against environmental influences, colour anthracite. The hub is provided with a bore hole and a hub keyway in acc. with DIN 6885.

When used as end wheels ensure the load rating of the axles is also adequate. In addition to the standard version, the following is available:

- Steel-band tyre in friction wheel quality (Ref. No. extension: -SBR).



DS series

Wheel Ø: 300 - 620 mm
 📦 Up to 6000 kg
 Page: 177

The DS series covers twin-tyred heavy duty wheels with two elastic solid rubber tyres in smooth rolling quality and a wheel centre in an extremely rugged welded steel design with tubular steel hub and grease nipple. The steel-wire reinforced elastic solid rubber tyres are hydraulically pressed onto the wheel centre.

The lacquer coating of the wheel centres provides protection against environmental influences, colour anthracite. When used as end wheels ensure the load rating of the axles is also adequate.

The following bearing version is available as standard: Ball bearing. In addition to the standard version, the following are available:

- Steel-band tyre in drive quality (Ref. No. extension: -SBA).
- Hub cap for end wheel application (Ref. No. extension: -E).

Refer to the description on page 79.



SAV series

Wheel Ø: 250 - 620 mm
 📦 Up to 3000 kg
 Page: 178

The SAV series covers heavy duty hub fitting wheels with elastic solid rubber tyres in drive quality and a wheel centre in an extremely rugged welded steel design. The steel-wire reinforced elastic solid rubber tyres are hydraulically pressed onto the wheel centre. The wheel centres are provided with a central hole and 4 to 6 bolt holes and can be fitted to all conventional hub flanges. Depending on the flange, these wheels are used as running or drive wheels. The bolt holes are counter-sunk in order to ensure a tight grip when fitted with counter-sunk nuts or screws. The lacquer coating of the wheel centres provides protection against environmental influences, colour anthracite.

In addition to the standard version, the following is available:

- Steel-band tyre in drive quality (Ref. No. extension: -SBA).

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Bickler Wheels with Pneumatic Tyres

Bickler wheels with pneumatic tyres

Wheels with pneumatic tyres are characterised by excellent shock absorption and a low rolling resistance on uneven floors and are very floor-saving due to the air cushion. The available standard profiles are ribbed or zig-zag. Generally, the ribbed profile is used if high priority is given to directional stability. For certain tyre sizes and specific applications, further profiles are available. Please enquire.

The strength of the carcass, i.e. the tyre thickness, is indicated by the ply rating number. 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. The correct tyre pressure is a decisive factor for the pneumatic tyres optimum efficiency and long service life. The tyre pressure values specified in the respective tables must therefore be strictly adhered to and regularly checked. Excessive tyre pressure transmits too much tensile strain to the carcass which may result in tyre damage. A low tyre pressure increases flexing, which, in turn, leads to excessive tyre heating and premature damage. Swivel castors with brakes have reduced braking capacity with insufficient tyre pressure.

The standard colour of pneumatic tyres is black. For sensitive light floors, some tyre sizes are also available in a non-marking grey design.



P series

Wheel Ø: 180 - 490 mm
Up to 525 kg
Page: 182 - 184, 186

The P series covers pneumatic-tyred wheels with pressed steel rims and a welded tubular steel hub. The rims are either available as triple-welded drop-base rims or as bolted flat-base rims.

A lacquer (colour silver) or zinc-plated coating protects the wheels against environmental influences. The following bearing versions are available as a standard: Plain bearing, roller bearing, ball bearing.

For wheels with ball bearing, max. speeds of up to 16 km/h are permissible with a reduced load capacity (refer to the table).

In addition to the standard version, the following are available:

- Non-marking grey tyre (Ref. No. extension: -SG).
- Puncture-proof, foam-filled (Ref. No. extension: -AG): Punctures are avoided by the tyre's filling with high-quality polyurethane foam. The deflection behaviour and the operational comfort is slightly reduced.
- Hub cap for end wheel application (Ref. No. extension: -E). Refer to the description on page 79.



PS series

Wheel Ø: 300 - 536 mm
Up to 1300 kg
Page: 185 - 186

The PS series covers pneumatic-tyred heavy duty wheels with pressed steel flat-base rims and a welded tubular steel hub, bolted. The zinc-plated rim coating provides protection against environmental influences.

With reduced load capacity, max. speeds of up to 25 km/h are permissible (refer to the table).

The following bearing version is available as standard: Ball bearing. In addition to the standard version, the following is available:

- Hub cap for end wheel application (Ref. No. extension: -E). Refer to the description on page 79.

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Bickler Wheels with Pneumatic Tyres



PK series

Wheel Ø: 200 - 400 mm
 📦 Up to 250 kg
 Page: 187

The PK series covers pneumatic-tyred wheels with one-piece black polypropylene wheel centre (refer to the material description on page 46). With plain bearings, the wheel is corrosion-resistant.

The rims are shock and impact-resistant.

The following bearing versions are available as standard: Plain bearing, roller bearing, ball bearing.

In addition to the standard versions, the following are available:

- Non-marking grey tyre (Ref. No. extension: -SG).
- Puncture-proof, foam-filled (Ref. No. extension: -AG): Punctures are avoided by the tyre's filling with high-quality polyurethane foam. The deflection behaviour and the operational comfort are slightly reduced.
- Red centre (Ref. No. extension: -ROT).

PA series

Wheel Ø: 400 - 536 mm
 📦 Up to 1300 kg
 Page: 188

The PA series covers pneumatic-tyred hub fitting wheels with pressed steel rims.

The rims are either available as welded drop-base rims or as bolted flat-base rims. They are provided with a central hole and 4 to 5 bolt holes and can be fitted to all conventional hub flanges.

Depending on the flange, these wheels are used as running or drive wheels.

With reduced load capacity, max. speeds of up to 25 km/h are permissible (refer to the table).

The bolt holes are counter-sunk in order to ensure a tight grip when fitted with counter-sunk nuts or screws.

The lacquer (colour silver) or zinc-plated rim coating provides protection against environmental influences.

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Blickle Wheels with Super-Elastic Solid Rubber Tyres

Blickle wheels with super-elastic solid rubber tyres

The super-elastic solid rubber tyres are three-component tyres, which comprise a hard rubber core, a highly elastic cushion layer and a thick, abrasion-resistant tread.

- The rubber core consists of a hard and tough rubber compound with embedded steel wire cores. Due to this structure, a firm tyre seat on the rim is ensured even with high loads.
- highly elastic cushion layer guarantees a low rolling resistance as well as minimum energy consumption and therefore ensures high efficiency. It compensates floor unevenness and minimises shocks and impacts which are transmitted to the transport equipment and goods, i.e. both the transport equipment and the goods are protected. Due to the highly elastic characteristics of the cushion layer, a relatively low tyre temperature is ensured even with high loads and at high speeds.
- The thick, abrasion-resistant tread protects the tyre against external damage and guarantees a long service life. Due to the large contact surface, the specific floor pressure is relatively low.

Based on this special structure, the tyre is suitable for extremely rough application conditions.

In addition to the standard black version, the tyres are available in the following:

- Non-marking tyre for application on sensitive floors.
- Antistatic tyre for application in explosive and inflammable areas, with antistatic labelling.
The leak resistance $\leq 10^6 \Omega$ is maintained throughout the entire service life. For conductivity, the lacquer coating must be removed at the fixing points. A conductivity check is recommended after approx. 500 operating hours.

Operating temperature -30° C to +80° C temporarily up to +100° C.

The super-elastic solid rubber tyres are an alternative to pneumatic tyres. The advantages over pneumatic tyres are as follows: puncture-proof and maintenance-free, safe stability, high structural stability, precise steering behaviour and a wear-resistant tread.

The specified wheel and tyre dimensions are valid for unloaded tyres and may slightly increase in thickness and diameter during operation. Therefore, design clearance must be allowed.



VLE series

Wheel Ø: 250 - 525 mm
Up to 1885 kg
Page: 192 - 194

The VLE series covers heavy duty wheels with super-elastic solid rubber tyres and pressed steel flat-base rims, bolted, with a welded tubular steel hub. The zinc-plated rim coating provides protection against environmental influences. When used as end wheels ensure the load rating of the axles is also adequate.

The following bearing version is available as standard: Ball bearing. In addition to the standard version, the following are available:

- Non-marking tyre (Ref. No. extension: -SN).
- Antistatic (Ref. No. extension: -AS): Leak resistance $\leq 10^6 \Omega$, black tyre, marking.
- Hub cap for end wheel application (Ref. No. extension: -E).
Refer to the description on page 79.

VLEA series

Wheel Ø: 405 - 525 mm
Up to 1885 kg
Page: 195

The VLEA series covers heavy duty hub fitting wheels with super-elastic solid rubber tyres and pressed steel flat-base rims, bolted.

The rims are provided with a central hole and 5 bolt holes and can be fitted to all conventional hub flanges. Depending on the flange, these wheels are used as running or drive wheels. The bolt holes are counter-sunk in order to ensure a tight grip when fitted with counter-sunk nuts or screws. The zinc-plated rim coating provides protection against environmental influences.

In addition to the standard version, the following are available:

- Non-marking tyre (Ref. No. extension: -SN).
- Antistatic (Ref. No. extension: -AS): Leak resistance $\leq 10^6 \Omega$, black tyre, marking.

B. Selection Criteria for Wheels and Castors

5. Bickle Wheel Series

Bickle Wheels with Injection-Moulded Polyurethane Treads

Bickle Wheels with injection-moulded polyurethane treads

The polyurethane treads of this series are made of a thermoplastic processed polyurethane-elastomer (TPU).

This material is characterised by a high load capacity and excellent resilience, as well as a high-abrasion and a low-rolling resistance. Wheels with polyurethane tread offer floor-saving characteristics, low-noise rolling performance as well as shock and impact absorption. They are non-staining and non-marking.

These polyurethane treads are resistant to mineral greases and oils, various weak acids and lyes as well as non-alcoholic petrols. They are, however, only conditionally resistant to hot water and water vapour. Operating temperature -30° C to +70° C temporarily up to +90° C.

Load capacity values stated in the tables are reduced at ambient temperatures exceeding +35° C. The hardness of this polyurethane tread is 98° shore A.



PTH series

Wheel Ø: 80 - 200 mm
 Up to 500 kg
 Page: 198 - 201, 317 - 319

The PTH series covers wheels with a thermoplastic, injection-moulded, grey polyurethane tread which is moulded and mechanically locked to a high-quality nylon 6 wheel centre in light grey (refer to the material description on page 47).

The wheels are highly resistant to many aggressive substances. They are maintenance-free under normal operating conditions. Wheels with roller or ball bearings are lubricated with long-life grease.

The following bearing versions are available as standard: Plain bearing, roller bearing, ball bearing. In addition to the standard version, the following are available:

- Antistatic non-marking (Ref. No. extension: -ELS): Leak resistance $\leq 10^{-4}$ Ω, in acc. with DIN EN 12526, light grey wheel centre.
- Stainless steel roller bearing (Ref. No. extension: -XR).
- Stainless steel ball bearing (Ref. No. extension: -XK).



POTH series

Wheel Ø: 75 - 200 mm
 Up to 700 kg
 Page: 202 - 206, 320 - 322

The PTH series covers wheels with a thermoplastic, injection-moulded, brown polyurethane tread which is moulded and mechanically locked to a heavy high-quality nylon 6 wheel centre in natural white (refer to the material description on page 47).

The wheels are highly resistant to many aggressive substances.

They are maintenance-free under normal operating conditions. Wheels with roller or ball bearings are lubricated with long-life grease.

The following bearing versions are available as standard: Plain bearing, roller bearing, ball bearing. In addition to the standard version, the following are available:

- Softer tread (Ref. No. extension: -WE). The hardness of this tread is 92°±2° shore A, colour grey, non-marking.
- Stainless steel roller bearing (Ref. No. extension: -XR).
- Stainless steel ball bearing (Ref. No. extension: -XK).

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Blickle Heavy Duty Wheels with Cast Polyurethane Tread Blickle Softhane®
Blickle Heavy Duty Wheels with Cast Polyurethane Tread Blickle Extrathane®

**Blickle heavy duty wheels
with cast polyurethane tread
Blickle Softhane®**

The Blickle Softhane® tread of this series consists of a reaction-injected polyurethane elastomer. Blickle Softhane® is a polyurethane on the basis of polyester polyhydric, diisocyanate and glycol. Due to the following characteristics, Blickle Softhane® is especially suitable for high-quality treads: High rebound resilience, i.e. low permanent deformation over longer endurance times, very high abrasion, cut, tear and tear propagation resistance. Negligible heating under dynamic load. The Blickle Softhane® tread is characterised by its floor-saving, non-marking and non-staining qualities, its low-noise rolling performance as well as its shock and vibration absorption. Also, the tread shows low rolling resistance and provides excellent operating comfort. Operating temperature: -20° C to +70° C temporarily up to +90° C (measured at the tread). With decreasing temperature (below -10° C), the rigidity slightly increases. High resistance to mineral greases and oils, petrols and paraffin solvents, UV and radiation as well as to weak acids. Conditional resistance to strong acids and lyes. Blickle Softhane® is not resistant to hot water, saturated steam, hot, humid air and aromatic solvents. The Blickle Softhane tread has a standard hardness of 75°±5° shore A.



ALST series

Wheel Ø: 100 - 250 mm
Up to 800 kg
Page: 210 - 215

The ALST series covers heavy duty wheels with a Blickle Softhane® tread firmly bonded onto an aluminium die-cast wheel centre. The following bearing version is available as standard: Ball bearing.

Excellent operational comfort due to especially thick and elastic tread.

**Blickle heavy duty wheels
with cast polyurethane tread
Blickle Extrathane®**

The Blickle Extrathane® tread of this series consists of a reaction-injected polyurethane elastomer. Blickle Extrathane® is a polyurethane on the basis of polyester polyhydric, diisocyanate and glycol. Due to the following characteristics, Blickle Extrathane® is especially suitable for high-quality treads: High resilience and rigidity resulting in a high load capacity, high rebound resilience, i.e. only insignificant permanent deformation over long endurance times. Very high abrasion, cut, tear and tear propagation resistance. Negligible heating under dynamic load. The Blickle Extrathane® tread is characterised by its floor-saving, non-marking and non-staining qualities, its low-noise rolling performance, shock and vibration absorption and low rolling resistance. Operating temperature: -20° C to +70° C temporarily up to +90° C (measured at the tread). With decreasing temperature (below -10° C), the rigidity slightly increases. High resistance to mineral greases and oils, petrols and paraffin solvents, UV and radiation as well as to weak acids. Conditional resistance to strong acids and lyes. Blickle Extrathane® is not resistant to hot water, saturated steam, hot, humid air and aromatic solvents. The Blickle Extrathane® tread has a standard hardness of 92°±3° shore A. For special applications, treads with other shore ratings or with Bayer Vulkollan® are available.



ALTH series

Wheel Ø: 80 - 250 mm
Up to 1000 kg
Page: 218 - 223, 233, 352 - 353, 363, 369

The ALTH series covers heavy duty wheels with a Blickle Extrathane® tread firmly bonded onto an aluminium die-cast wheel centre. The following bearing version is available as a standard: Ball bearing. In addition to the standard version, the following is available:

- Antistatic, non-marking grey design (Ref. No. extension: -AS): Leak resistance ≤10⁷ Ω, in acc. with DIN EN 12526, non-staining.

B. Selection Criteria for Wheels and Castors

5. Blickle Wheel Series

Blickle Heavy Duty Wheels with Cast Polyurethane Tread Blickle Extrathane®



SETH series

Wheel Ø: 125 - 250 mm
👤 Up to 1350 kg
Page: 224 - 227

The SETH series covers heavy duty wheels with a Blickle Extrathane® tread firmly bonded onto a thick-wall pressed steel triple-welded wheel centre with tubular steel hub. Due to the special shape of the pressed steel wheel centre, these wheels are resistant to dirt, shocks and impacts. They are characterised by a smooth and elegant design. The lacquer coating of the wheel centres provides protection against environmental influences, colour silver. When used as end wheels ensure the load rating of the axles is also adequate. The following bearing version is available as standard: Ball bearing
In addition to the standard version, the following is available:

- Grease nipple
(Ref. No. extension: -NI).

GTH series

Wheel Ø: 100 - 400 mm
👤 Up to 4000 kg
Page: 228 - 234, 354 - 355, 363

The GTH series covers heavy duty wheels with a Blickle Extrathane® tread firmly bonded onto a rugged grey cast iron wheel centre (refer to the material description on page 49), with grease nipple (for wheel Ø of 150 mm or larger). The lacquer coating of the wheel centres provides protection against environmental influences, colour silver. When used as end wheels ensure the load rating of the axles is also adequate. The following bearing version is available as standard: Ball bearing.

STH series

Wheel Ø: 500 - 600 mm
👤 Up to 8000 kg
Page: 229, 232, 234

The STH series covers extra heavy duty wheels with a Blickle Extrathane® tread firmly bonded onto a wheel centre in an extremely rugged welded steel design with tubular steel hub and grease nipple. The lacquer coating of the wheel centres provides protection against environmental influences, colour silver. When used as end wheels ensure the load rating of the axles is also adequate. The following bearing version is available as standard: Ball bearing.

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Blickle Heavy Duty Wheels with Cast Polyurethane Tread Blickle Extrathane®
Blickle Polypropylene Wheels



GTHN series

Wheel Ø: 75 - 400 mm
Up to 3600 kg
Page: 235 - 236

The GTHN series covers heavy duty wheels with a Blickle Extrathane® tread firmly bonded onto a rugged grey cast iron wheel centre (refer to the material description on page 49). The lacquer coating protects the wheel centres against environmental influences, colour silver. The hub is provided with a bore hole and hub keyway in acc. with DIN 6885. When used as end wheels ensure the load rating of the axles is also adequate.

STHN series

Wheel Ø: 500 - 600 mm
Up to 7500 kg
Page: 236

The STHN series covers extra heavy duty wheels with a Blickle Extrathane® tread firmly bonded onto a wheel centre in an extremely rugged welded steel design with tubular steel hub. The lacquer coating of the wheel centres provides protection against environmental influences, colour silver. The hub is provided with a bore hole and a hub keyway in acc. with DIN 6885. When used as end wheels ensure the load rating of the axles is also adequate.

Blickle polypropylene wheels

This thermoplastic polypropylene material has optimum characteristics as wheel material. Wheels, wheel centres and rims made of this material are fracture resistant, floor-saving, vibration and noise absorbing. Polypropylene is resistant to aqueous solutions of numerous inorganic chemicals, weak inorganic acids and lyes, alcohol, various oils and greases. Polypropylene is not resistant to strong oxidants and halogenated hydrocarbons. In aliphatic and aromatic hydrocarbons such as petrol or benzene, expansions may occur, especially at increased temperatures. Polypropylene is odourless, tasteless and hygienic. Operating temperature: -20° C to +60° C. The indicated load capacities decrease if the ambient temperature exceeds +30° C. Polypropylene does not absorb humidity.



PP series

Wheel Ø: 80 - 200 mm
Up to 500 kg
Page: 255 - 258

The PP series covers injection-moulded polypropylene wheels. They have a low rolling resistance and a high resistance to many aggressive substances. The wheels are maintenance-free under normal operating conditions. Wheels with roller bearings are lubricated with long-life grease. These wheels are available in black. The following bearing versions are available as standard: Plain bearing, roller bearing.

B. Selection Criteria for Wheels and Castors

5. Bickie Wheel Series

Blickle Nylon Wheels

Blickle Heavy Duty Nylon Wheels

Blickle nylon wheels

The thermoplastic nylon 6 material has optimum characteristics as wheel material. The material is hard and tough and provides the wheels with a sound-damping capacity. It is shock-resistant even at low temperatures. Both mechanical and abrasion resistance are outstanding.

Wheels and wheel centres made of this material are fracture-resistant, maintenance-free, floor-saving. They are shock and noise-absorbing and have a long service life. Nylon 6 is tasteless, odourless and hygienic.

Even at high temperatures, it is resistant to lubricants, fuels, hydraulic and cooling liquids, refrigerants, paints, lacquers, cleaning agents and numerous other solvents.

Nylon 6 is also resistant, i.e. corrosion-resistant, to aqueous solutions of numerous inorganic chemicals (salts, alkalines). Nylon 6 is not resistant to mineral acids, even in low concentrations, certain oxidants and chlorinated hydrocarbons, especially at high temperatures. Note, nylon 6 is susceptible to certain heavy-metal saline solutions, e.g. zinc chloride solution.

Temperature also influences the properties of nylon. Operating temperature: -40° C to +80° C. Temporarily, higher temperatures are also permissible. Note, the indicated load capacities decrease if the ambient temperature exceeds +35° C.

Like other plastic materials, nylon 6 absorbs and emits humidity.

The material aims at attaining a balance with the ambient environment. Under normal climatic conditions (65 % relative humidity at +20° C), no dimension variations are to be expected. These variations depend on the humidity and temperature of the environment. Under extreme operating conditions, for example in wet conditions, these variations should be considered in the design (e.g. a larger diameter of the hub bore).



PO series

Wheel Ø: 60 - 300 mm
Up to 1500 kg
Page: 240 - 249, 323 - 326, 369

The PO series covers injection-moulded nylon wheels in medium-heavy design. They have a very low rolling resistance, show a high resistance to many aggressive substances and are maintenance-free under normal operating conditions. Wheels with roller or ball bearings are lubricated with long-life grease. These wheels are available in natural white. The following bearing versions are available as standard: Plain bearing, roller bearing, ball bearing. In addition to the standard version, the following are available:

- Antistatic, non-marking grey (Ref. No. extension: -ELS): Leak resistance $\leq 10^4 \Omega$, in acc. with DIN EN 12526.
- Stainless steel roller bearing (Ref. No. extension: -XR):
- Stainless steel ball bearing (Ref. No. extension: -XK).
- Grease nipple (Ref. No. extension: -NI).



POW series

Wheel Ø: 100 + 125 mm
Up to 220 kg
Page: 250 - 254

The POW series covers 3-component wheels. The wheel hub and the tread consist of high-quality injection-moulded nylon 6. This material ensures a high load capacity and a very low rolling resistance.

The highly elastic solid rubber inner cushion ring layer ensures noise absorption (**-10 decibel**) and absorbs shocks and impacts.

The wheels offer a high abrasion resistance as well as a high resistance to many aggressive substances.

The wheels are maintenance-free under normal operating conditions and are lubricated with long-life grease.

These wheels are available in black/grey/natural white.

The following bearing version is available as standard: Roller bearing.

In addition to the standard version, the following is available:

- Stainless steel roller bearing (Ref. No. extension: -XR).



SPO series

Wheel Ø: 75 - 250 mm
Up to 2000 kg
Page: 262 - 271, 327

The SPO series covers injection-moulded heavy duty nylon wheels. They have a very low rolling resistance, show a high resistance to many aggressive substances and are maintenance-free under normal operating conditions.

Wheels with ball bearings are lubricated with long-life grease. These wheels are available in natural white. When used as end wheels ensure the load rating of the axles is also adequate. The following bearing versions are available as standard: Plain bearing, ball bearing.

In addition to the standard version, the following are available:

- Stainless steel ball bearing (Ref. No. extension: -XK).
- Grease nipple (Ref. No. extension: -NI).

Some wheels with stainless steel ball bearings have a reduced load capacity as follows:

SPO 100/15XK:	350 kg
SPO 125/15+20XK:	500 kg
SPO 175/20+25XK:	800 kg
SPO 201/20XK:	800 kg
SPO 200/20+25XK:	1200 kg
SPO 250/25+30XK:	1500 kg

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Bickler Extra Heavy Duty Cast Nylon Wheels

2

Bickler extra heavy duty cast nylon wheels

Cast nylon is a high-molecular thermoplastic material produced by an activated anionic polymerisation of lactam. Cast nylon is a strong homogenous material which is stress-free and has a high degree of crystallisation.

In the depressurised casting process, the melted monomer is poured into forming tools and polymerised into a wheel centre by controlled chemical reactions.

Compared to injection-moulded nylon wheels, the monomer casting process considerably increases the load capacity of Bickler wheels manufactured in accordance with this process.

This material shows better properties than injection-moulded nylon 6 particularly with regard to:

- Load capacity
- Tension and pressure strength
- Modulus of elasticity
- Thermoform stability
- Flow properties
- Humidity absorption

Operating temperature: -30° C to +80° C. Temporarily, higher temperatures are also permissible. Note, the indicated load capacities decrease if the ambient temperature exceeds +35°C. All further technical and material characteristics correspond to the high-quality nylon 6 used by Bickler (refer to the material description on page 47).



GSP0 series

Wheel Ø: 80 - 400 mm

Up to 12000 kg

Page: 272 - 275, 356

The GSP0 series covers extra heavy duty nylon wheels made of hard and tough, highly compressed cast nylon. They have a very low rolling resistance and an excellent resistance to many aggressive substances. They are maintenance-free under normal operating conditions. These wheels are available in natural beige.

When used as end wheels ensure the load rating of the axles is also adequate.

The following bearing version is available as standard: Ball bearing.

In addition to the standard version, the following are available:

- Plain bearing for static loads or very low speeds.
- Spherical roller bearing (Ref. No. extension: -PR) for applications requiring extremely high running capacities (>4,000 km). (Refer to the description on page 58).

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Bickler Cast Iron Wheels

Bickler Extra Heavy Duty Solid-Steel Wheels

Bickler Cast Iron Wheels

Grey cast iron is a cast iron with lamellar graphite in acc. with DIN 1691. This material is characterised by a high pressure and wear resistance with very high load capacity. The tensile strength and the hardness remain almost constant over a wide temperature range (-100° C to +300° C). Operating temperature: -100° C to +600° C. The graphite embedded in the cast ensures some rotation for plain bearing even without grease and reduces corrosion. Grey cast iron is oil-resistant, highly abrasion-resistant and insensitive to metal swarf. The relatively high floor pressure should be considered for pressure-sensitive floors.



G series

Wheel Ø: 80 - 250 mm
 Up to 1400 kg
 Page: 278 - 284, 343 - 344

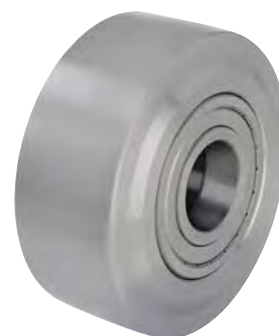
The G series covers wheels made of grey cast iron. The tread is machined and the hub is fitted with a grease nipple. If wheels with plain bearings are used, sufficient and regular lubrication must be ensured. Very high temperature resistance:

- Roller and standard ball bearing: -40° C to +140° C without load capacity reduction.
- Heat-resistant ball bearing (oven bearing, Ref. No. extension: -IK): -50° C to +300° C at a load capacity reduction of 50 % at +300° C.
- Plain bearing: -100° C to +600° C at a load capacity reduction of 40 % at +600° C. With high temperatures, regular lubrication with high temperature grease is required.

The lacquer coating of the wheels provides protection against environmental influences, colour silver. When used as end wheels ensure the load rating of the axles is also adequate. The following bearing versions are available as standard: Plain bearing, roller bearing, ball bearing.

Bickler extra heavy duty solid-steel wheels

Bickler solid-steel wheels are made of tempered steel especially suitable for steel wheels. This material is characterised by a very high pressure and wear resistance with extremely high static and dynamic load capacities. The stability and the hardness remain almost constant over a wide temperature range. Due to the ball bearings, the temperature application range is limited to -40° C to +140° C. When combined with a steel surface, the lowest starting and rolling resistance values of all wheel types are attained. The high floor-pressure should be considered.



SVS series

Wheel Ø: 80 - 250 mm
 Up to 10000 kg
 Page: 288 - 290

The SVS series covers extra heavy duty wheels made of special steel which meet highest load demands even in small sizes. The tread is slightly spherical. These wheels are oil-resistant, maintenance-free, highly abrasion-resistant and insensitive to metal swarf. The surface is lightly oiled. When used as end wheels ensure the load rating of the axles is also adequate. The following bearing version is available as standard: Ball bearing. In addition to the standard version, the following is available:

- Spherical roller bearing (Ref. No. extension: -PR) for applications requiring extremely high running capacities (>4,000 km) (refer to the description on page 58).

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Bickler Flanged Wheels

2



SPK series

Wheel Ø: 50 - 250 mm
Up to 3500 kg
Page: 294 - 295

The SPK series covers flanged wheels made of grey cast iron (refer to the material description on page 49). The hub is fitted with a grease nipple for wheel Ø of 125 mm or larger (without flange). The plain bearing versions must be regularly lubricated. The flange and tread are machined, tread ascent to the axle is approx. 3°. Very high temperature resistance:

- Standard ball bearing: -40°C to +140°C without load capacity reduction.
- Heat-resistant ball bearing (oven bearing, Ref. No. extension: -IK): -50°C to +300°C at a load capacity reduction of 50 % at +300°C.
- Plain bearing: -100° C to +600° C at a load capacity reduction of 40 % at +600° C. With high temperatures, regular lubrication with high temperature grease is required.

The load capacities indicated in the table refer to the following rail profiles in acc. with DIN 536 (crane rail standard):

All flanged wheels except SPK 201K and SPK 251K:	A 45 (DIN 536)
Flanged wheels 201K and SPK 251K:	A 55 (DIN 536)

The lacquer coating of the wheels provides protection against environmental influences, colour silver. When used as end wheels ensure the load rating of the axles is also adequate. The following bearing versions are available as standard: Plain bearing, ball bearing.



SPKGSPO series

Wheel Ø: 50 - 150 mm
Up to 900 kg
Page: 296

The SPKGSPO series covers flanged wheels made of hard and tough, highly compressed cast nylon (refer to the material description on page 48). These wheels have a very low rolling resistance, are vibration and noise absorbing, show a high resistance to many aggressive substances and are maintenance-free under normal operating conditions. The flange and tread are machined, tread ascent to the axle is approx. 3°. The load capacities indicated in the table refer to the following rail profiles in acc. with DIN 536 (crane rail standard):

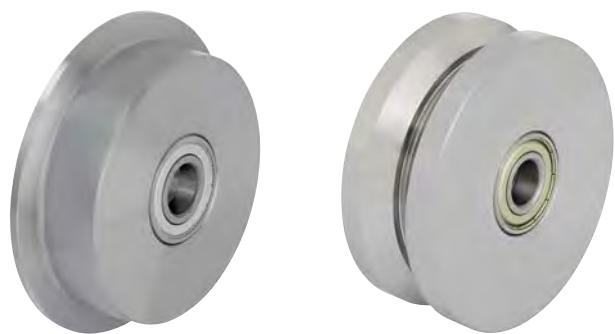
All SPKGSPO cast nylon flanged wheels:	A 45 (DIN 536)
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These wheels are available in natural beige. When used as end wheels ensure the load rating of the axles is also adequate. The following bearing version is available as standard: Ball bearing.

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Bickler Flanged Wheels



SPKVS series

Wheel Ø: 50 - 300 mm
Up to 7000 kg
Page: 297

The SPKVS series covers flanged wheels made of special steel (refer to the material description on page 49) which meet highest load demands even in small sizes. These wheels are oil-resistant, maintenance-free, highly abrasion-resistant, and insensitive to metal swarf. The flange and tread are machined, tread ascent to the axle is approx. 3°. The load capacities indicated in the table refer to the following rail profiles in acc. with DIN 536 (crane rail standard):

Solid-steel flanged wheels
SPKVS 50K to
SPKVS 200K: A 45 (DIN 536)
Solid-steel flanged wheels
SPKVS 250K: A 55 (DIN 536)
Solid-steel flanged wheels
SPKVS 300K: A 65 (DIN 536)

The surface of these wheels is lightly oiled. When used as end wheels, ensure the load rating of the axles is also adequate. The following bearing version is available as standard: Ball bearing.

DSPK series

Wheel Ø: 100 - 200 mm
Up to 1200 kg
Page: 298

The DSPK series covers double-flanged wheels made of special steel (refer to the material description on page 49) which meet highest load demands even in small sizes. These wheels are oil-resistant, maintenance-free, highly abrasion-resistant and insensitive to metal swarf. The flanges and the V-shaped tread (for angular steel) are machined and deburred. The surface of these wheels is lightly oiled. When used as end wheels ensure the load rating of the axles is also adequate. The following bearing version is available as standard: Ball bearing.

B. Selection Criteria for Wheels and Castors

5. Bickie Wheel Series

Blickle Wheels with Heat-Resistant Solid Rubber Tyres

Blickle Heat-Resistant Phenolic (Phenolic Resin) Synthetic Wheels



Blickle wheels with heat-resistant solid rubber tyres

VEHI series

Wheel Ø: 100 - 200 mm
 Up to 180 kg
 Page: 330 - 332

The VEHI series covers wheels with heat-resistant "Blickle® Hot" solid rubber tyres with pressed steel rims. The tyres are characterised by their floor-saving behaviour, high tear-resistance, low-noise rolling performance and resistance to diluted acids, however, not to oils. Operating temperature: -30° C to +200° C. The hardness is 80°±5° shore A. With long endurance times at high temperatures, the tyres may slightly flatten. Such flattening is rapidly compensated when the wheels are operated under load. The zinc-plated coating of the pressed steel rims protects the wheels against environmental influences. At high temperatures, the chromate layer of the zinc coating may slightly alter. The corrosion protection of the zinc coating, however, remains intact. Lubrication of the roller bearings with high temperature grease ensures that the wheels are maintenance-free under normal operating conditions.

The following bearing version is available as standard: Roller bearing.



VKHT series

Wheel Ø: 100 mm
 Up to 100 kg
 Page: 333 - 337

The VKHT series covers solid rubber wheels with heat-resistant synthetic rims and extremely heat-resistant black "Blickle® Hotline Special" solid rubber tyres. The tyres are characterised by their floor-saving behaviour, high tear-resistance, low-noise rolling performance and resistance to diluted acids, however, not to oils. Operating temperature: -30° C to +260° C temporarily up to +280° C. The hardness is 80°±5° shore A. The rims of these wheels are moulded from special, heat-resistant synthetic. With special Teflon-coated stainless steel axle tubes in the bearing, the wheels are maintenance-free under normal operating conditions.

The following bearing version is available as standard: Plain bearing.

Blickle Heat-Resistant Phenolic (Phenolic Resin) Synthetic Wheels

The thermoset phenolic (phenolic resin) material is used for wheels which are subject to particularly high thermal requirements.

Phenolic is corrosion-resistant and insensitive to organic solvents, oils, greases, petrol, benzene, alcohol and water. The material is, however, not resistant to strong acids and lyes. Due to its hardness, the material has a high static load capacity.

The load capacity depends on the application area and the floor conditions. Phenolic wheels should not be driven against edges, over thresholds, rails, etc. as the mechanical stability of phenolic is limited. For this reason, phenolic wheels are not suitable for rough floors as this would result in excessive abrasion.



PHN series

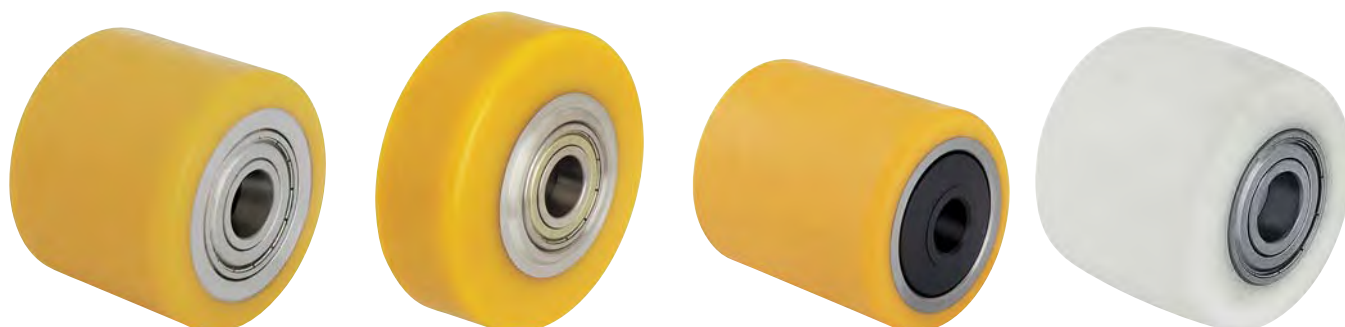
Wheel Ø: 80 - 200 mm
 Up to 500 kg
 Page: 338 - 342

The PHN series covers heat-resistant wheels made of phenolic resin which contain filling materials, intensifiers and additives. The wheels are manufactured under pressure and thermoforming. These wheels are free of asbestos. For temperatures between -50° C and +260° C (temporarily up to +300° C). Phenolic resin wheels with plain bearing have limited running characteristics and therefore we recommend the use of Teflon-coated stainless steel axle tubes. These wheels are not suitable for uneven floors and crossing thresholds (high abrasion). Phenolic resin wheels with ball bearings are equipped with heat-resistant ball bearings (oven bearings) and are maintenance-free under normal operating conditions. These wheels are available in black. The following bearing versions are available as standard: Plain bearing, ball bearing.

B. Selection Criteria for Wheels and Castors

5. Bickie Wheel Series

Bickie Rollers for Pallet Trucks



2

HTH series

Wheel Ø: 60 - 90 mm

Up to 850 kg

Page: 233, 360 - 362

The HTH series covers rollers for pallet trucks with Bickie Extrathane® tread (refer to the material description on page 44) which are firmly bonded onto tubular steel wheel centres. Available with and without bearing. Rollers without bearing have bearing seat.

VSTH series

Wheel Ø: 35 - 125 mm

Up to 700 kg

Page: 105 - 106, 363

The VSTH series covers heavy duty wheels with Bickie Extrathane® tread (refer to the material description on page 44) which are firmly bonded onto tubular steel wheel centres. The surface of the wheel centres is lightly oiled. Available with and without bearing. Rollers without bearing have bearing seat.

HTHW series

Wheel Ø: 82 - 85 mm

Up to 840 kg

Page: 364 - 366

The HTHW series covers rollers for pallet trucks with Bickie Extrathane® tread (refer to the material description on page 44), which are firmly bonded onto tubular steel wheel centres. The ball bearing of the wheel hub is double-sealed (refer to the -KD bearing sealing description on page 58). The following bearing version is available as standard: Ball bearing. In addition to the standard version, the following is available:

- Bearing sealing with steel bushings (Ref. No. extension: -S), recommended with extremely strong clamping forces due to the axle bolting.

HPO series

Wheel Ø: 80 - 85 mm

Up to 1100 kg

Page: 367 - 368

The HPO series covers injection-moulded rollers for pallet trucks made of high-quality nylon 6 (refer to the material description on page 47). These wheels are available in natural white. The following bearing version is available as standard: Ball bearing. In addition to the standard version, the following is available:

- Stainless steel ball bearing (Ref. No. extension: -XK). The max. load capacity is limited to 800 kg.

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Bickler Wheels for Forklift Trucks



RTH series

Wheel Ø: 200 - 300 mm
Page: 372 - 382

The RTH series covers drive and running wheels for forklift trucks with Bickler Extrathane® tread (refer to the material description on page 44) which is firmly bonded onto cast iron or steel wheel centres. The metal surface of the wheel centres is lightly oiled. The drive wheels are suitable for appliances listed in the table.

RVU series

Wheel Ø: 300 - 343 mm
Page: 375, 382

The RVU series covers drive wheels for forklift trucks with Bayer Vulkollan® tread which is firmly bonded onto cast iron or steel wheel centres. The metal surface of the wheel centres is lightly oiled. The drive wheels are suitable for appliances listed in the table.

REV series

Wheel Ø: 215 - 300 mm
Page: 372 - 382

The REV series covers drive wheels for forklift trucks with elastic solid rubber tyres in drive quality (refer to the material description on page 37) which are firmly vulcanised or pressed onto cast iron or steel wheel centres. The drive wheels are suitable for appliances listed in the table.

B. Selection Criteria for Wheels and Castors

5. Bickie Wheel Series

Blickle Tyres and Press-on Bands



BTH series

Wheel Ø: 125 - 415 mm
 🚚 Up to 2875 kg
 Page: 383

The BTH series covers press-on bands with Bickie Extrathane® tread (refer to the material description on page 44), bonded onto a strong, turned steel ring.

BEV series

Wheel Ø: 125 - 645 mm
 🚚 Up to 3100 kg
 Page: 384

The BEV series covers steel-wire reinforced elastic solid rubber press-on bands in smooth rolling quality and elastic solid rubber press-on bands in drive quality (refer to the material description on page 37), vulcanised onto a strong, turned steel ring. In addition to the standard version, the following is available:

- Non-marking natural colour tread (Ref. No. extension: -SN).

BSEV series

Wheel Ø: 250 - 657 mm
 🚚 Up to 2920 kg
 Page: 385

The BSEV series covers super-elastic solid rubber tyres as described on page 42. These tyres are suitable for fitting to the standard rims listed in the table. The CIT design is suitable for rims without locking components which are easy to fit. In addition to the standard version, the following is available:

- Non-marking tyre (Ref. No. extension: -SN).

B. Selection Criteria for Wheels and Castors

5. Bickler Wheel Series

Bickler Guide Rollers

2



FTH series

Wheel Ø: 30 - 75 mm
Up to 100 kg
Page: 388

The FTH series covers guide rollers with Bickler Extrathane® tread (refer to the material description on page 44) which is firmly bonded onto a ball bearing. The guide rollers have ZZ or 2RS ball bearings and are life-time lubricated. They are maintenance-free under normal operating conditions. The load capacities indicated in the table refer to a circumferential speed of 1 m/sec without obstacles.

FSTH series

Wheel Ø: 40 - 125 mm
Up to 245 kg
Page: 389

The FSTH series covers guide rollers with Bickler Extrathane® tread (refer to the material description on page 44) which is firmly bonded onto a compact solid-steel wheel centre. The guide rollers have ZZ or 2RS ball bearings and are life-time lubricated. They are maintenance-free under normal operating conditions. The load capacities indicated in the table refer to a circumferential speed of 1 m/sec without obstacles.

B. Selection Criteria for Wheels and Castors

6. Wheel Bearings

The wheel bearing is important for the rolling characteristics of a wheel and, consequently, for the mobility of the appliance, machine, etc. It must meet the requirements concerning load capacity, duration of application, environmental influences, starting and rolling resistance etc..



Plain Bearings

Plain bearings are simple, cost-effective, normally maintenance-free and mostly corrosion-resistant bearings. Plain bearings 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 bearing bushes made of nylon are used. Under normal operating conditions, plain bearings are maintenance-free. At high speeds and under high loads, overheating may occur, particularly with cast iron wheels. Under certain conditions, e.g. dryness, high air dust content and high rolling resistance, lubrication with grease or oil is recommended. Cast iron wheels with plain bearings must be regularly lubricated.

Roller Bearings

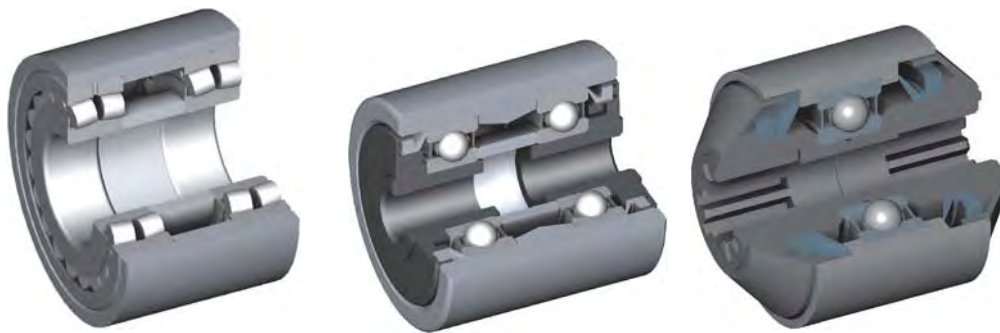
Roller bearings are sturdy and largely maintenance-free wheel bearings. Roller bearings (needle bearings) have particularly proven successful with castors for transport equipment. Roller bearings consist of steel rollers fitted into a plastic or steel cage. These rollers roll between the axle tube and the wheel hub. There is no sliding friction, only rolling friction during the rotation around the axle. The rolling resistance of the wheel is comparatively low, even with higher loads. With most wheel series, roller bearings are lubricated with long-life grease during the fitting process and generally require no further lubrication. In addition to the standard version, roller bearings are also available in stainless steel.

Ball Bearings

The single-row grooved ball bearing (precision ball bearing) meets highest demands on load capacity and rolling characteristics (also at higher speeds) and shows resistance to environmental influences. Grooved ball bearings are mainly used for technically demanding transport equipment castors and heavy duty castors. They consist of hardened balls guided in a ball cage which roll between a hardened inner and outer ring; a cover plate provides protection against dust (non-slipping sealing, Z-bearing). For special requirements, ball bearings can be fitted with one or two sealing rings (slipping sealing, 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 during the fitting process. 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. For synthetic wheels with small loads and for guide rollers, often only one ball bearing is firmly fitted into the wheel centre. This wheel bearing offers a very precise, light running performance and a good sealing. In addition to the standard version, ball bearings are also available in stainless steel.

B. Selection Criteria for Wheels and Castors

6. Wheel Bearings



Spherical Roller Bearings

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 performances are reached. Wheels with spherical roller bearings are therefore preferably used as heavy duty wheels for plant engineering and continuous use. As standard, spherical roller bearings have no sealing. Special sealing washers for spherical roller bearings are available upon request.

Ball Bearing Sealing (-KD)

A special additional ball bearing sealing is available where high sealing requirements are needed for ball bearings used in corrosive wet applications. The combination of clearance sealing and slipping sealing ensures an optimum protection of the ball bearings against splash water and contamination. Wheels with ball bearing sealing (Ref. No. extension: -KD) are suitable for pressure washing. The slipping sealing produces a slightly increased rolling resistance.

For wheels with only one ball bearing, neither the axle diameter, nor the clamping length are changed by the sealing. For wheels with two ball bearings in the hub, the axle diameter is reduced and the clamping length is increased by 2 mm as the sealing elements assume the function of the flange bushings. Wheels with ball bearing sealing can be fitted into swivel and fixed brackets. Due to the small axle diameter, sealed versions are only conditionally suitable for end wheel applications.

B. Selection Criteria for Wheels and Castors

7. Bickie Swivel and Fixed Castor Bracket Series

Bickie pressed steel Swivel Brackets for Light Duty Castors

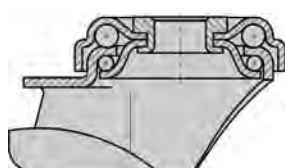
The most important parameters for the functioning of swivel castors are an optimum swivel head design, an optimum offset adjusted to the wheel diameter and, of course, the wheel diameter itself.

The various designs of the Bickie swivel bracket series fulfil the requirements for a wide range of application areas by providing excellent manoeuvrability, steady rolling performance, protection against dust and splash water and extensive wear resistance.

The specified maximum load capacities are stated as described under "Load capacity" on page 25.

The design of the various Bickie swivel bracket series is described in the following sections. The dimensions and load capacities of the matching fixed bracket series correspond to the respective swivel bracket series.

The plate size (external dimension) is slightly larger with some pressed steel fixed castors than the corresponding swivel castors.



LRA series - Standard swivel brackets with bolt hole fitting

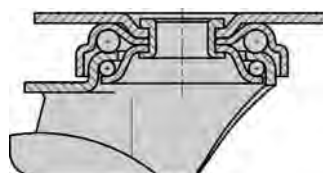
For wheel Ø: 35 - 100 mm
 Up to 100 kg

Pressed steel parts, double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The individual components are dynamically riveted with the central kingpin. This produces a work hardening of the ball race grooves, which results in a minimum swivel head play with smooth rolling characteristics and an increased service life.

As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions.

Operating temperature:
 -30° C to +130° C.

The brackets are fitted through the bolt hole by means of a bolt or the fitting attachments available as accessories (expander, threaded pins, plug-in pins, etc.).



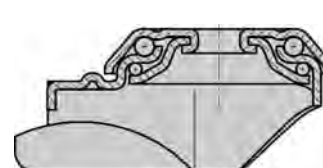
LPA series - Standard swivel brackets with plate fitting

For wheel Ø: 35 - 100 mm
 Up to 100 kg

Pressed steel parts, double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The individual components are dynamically riveted with the central kingpin. This produces a work hardening of the ball race grooves, which results in a minimum swivel head play with smooth rolling characteristics and an increased service life.

As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions.

Operating temperature:
 -30° C to +130° C.



LMDA series - Double swivel brackets with bolt hole fitting

For wheel Ø: 50 - 75 mm
 Up to 100 kg

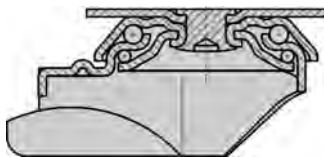
Pressed steel parts, double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The individual components are riveted. As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions. Operating temperature:
 -30° C to +130° C.

B. Selection Criteria for Wheels and Castors

7. Bickler Swivel and Fixed Castor Bracket Series

Blickle pressed steel Swivel Brackets for Light Duty Castors

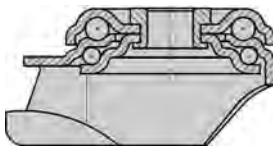
2



LDA series - Double swivel brackets with plate fitting

For wheel Ø: 50 - 75 mm
📦 Up to 100 kg

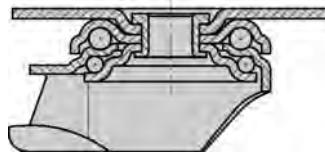
Pressed steel parts, double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The individual components are riveted. As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions. Operating temperature: -30° C to +130° C.



LKRA series - Heavy swivel brackets with bolt hole fitting

For wheel Ø: 80 - 150 mm
📦 Up to 120 kg

Pressed steel parts, double ball bearing in the swivel head, ball protection by the special top plate and ball disc design, heavy version. The individual components are dynamically riveted with the central kingpin. This produces a work hardening of the ball race grooves, which results in a minimum swivel head play with smooth rolling characteristics and an increased service life. As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions. Operating temperature: -30° C to +130° C. The brackets are fitted through the bolt hole by means of a bolt or the fitting attachments available as accessories (expander, threaded pins, etc.).



LKPA series - Heavy swivel brackets with plate fitting

For wheel Ø: 80 - 150 mm
📦 Up to 120 kg

Pressed steel parts, double ball bearing in the swivel head, ball protection by the special top plate and ball disc design, heavy version. The individual components are dynamically riveted with the central kingpin. This produces work hardening of the ball race grooves, which results in minimum swivel head play with smooth rolling characteristics and an increased service life. As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions. Operating temperature: -30° C to +130° C.

B. Selection Criteria for Wheels and Castors

7. Bickler Swivel and Fixed Castor Bracket Series

Bickler Synthetic and Designer Swivel Brackets

2



LKU and LKUE series - Bickler synthetic swivel brackets

For wheel Ø: 100 - 200 mm
 Up to 130 kg

The swivel fork and the brake are injection-moulded from high-quality fibre-reinforced nylon. Double-sealed precision ball bearing in the swivel head. The elegant bracket meets highest design demands with considerable reduction of noise emission due to an optimised construction of the synthetic bracket. Colour grey.

These swivel brackets are lubricated with long-life grease and are therefore maintenance-free under normal conditions.

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

The brackets are fixed through the bolt hole by means of a bolt or fitting attachments available as accessories (threaded pins, expander, stems, top plate, etc.).

Durable trail brake (Ref. No. extension: -FI) locks both the wheel and the swivel head.

On request, a directional lock (two-stage operation) is available for wheels with a Ø of 125 mm (Ref. No. extension: -RI-FI). The special brake lever (colour green) acts as a directional lock (1 x 360°) in stage one and, in stage two, it acts as a wheel lock. Thus, both the swivel head as well as the wheel can be locked by the lever's full operation.

In addition to the standard, an antistatic version is available (LKUE series, refer to page 121).



LGDA series - Bickler designer swivel brackets made of zinc die-cast

For wheel Ø: 100 mm
 110 kg

Swivel brackets made of zinc die-cast. Pin bearing with high-quality synthetic bushing and pressure ball in the swivel head. Elegant, closed and shapely design, dirt-repellent, cleaning-friendly and corrosion-protected by means of powder coating. Colour light grey. As the movable components of these swivel brackets are lubricated with long-life grease, they are maintenance-free under normal conditions.

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

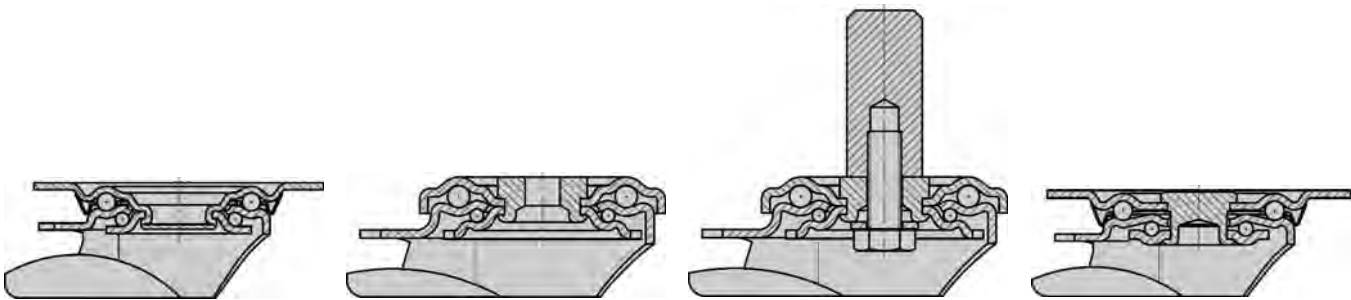
Fitting by means of M12x15 mm threaded stem or top plate. The wheels are made of high-quality nylon, colour black, or nylon wheel centres with injection-moulded polyurethane tread, colour grey, non-marking, hardness 98° shore A. The wheels are equipped with elegant wheel covers. By means of positive interlocking, the brake locks both wheels simultaneously. In addition to the standard version, the following are available:

- Antistatic (Ref. No. extension: -AS): Leak resistance $\leq 10^{-7}$ Ω, in acc. with DIN EN 12526.
- Wheel covers and brackets in special colours.

B. Selection Criteria for Wheels and Castors

7. Bickler Swivel and Fixed Castor Bracket Series

Bickler pressed steel Swivel Brackets for Transport Equipment Castors



LE series - Pressed steel swivel bracket with plate fitting

For wheel Ø: 60 - 200 mm
Up to 300 kg

Pressed steel parts, double ball bearing in the swivel head, ball protection by an integrated ball spacer in the upper, i.e. the supporting swivel bearing. The individual components are dynamically riveted with the specially shaped top plate. This produces work hardening of the ball race grooves, which results in minimum swivel head play with smooth rolling characteristics and an increased service life. As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions. Operating temperature: -30° C to +70° C. This bracket series has been optimised on the basis of the finite element method.

LER series - Pressed steel swivel brackets with bolt hole fitting

For wheel Ø: 60 - 200 mm
Up to 300 kg

Pressed steel parts, double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The individual components are dynamically riveted with the central kingpin. This produces work hardening of the ball race grooves, which results in minimum swivel head play with smooth rolling characteristics and an increased service life. As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions. Operating temperature: -30° C to +130° C. Note: The maximum load capacities are only attained if the entire diameter of the top plate of the swivel castor is in contact with the appliance or equipment.

LEZ series - Pressed steel swivel brackets with stem fitting

For wheel Ø: 75 - 200 mm
Up to 270 kg

Pressed steel parts, double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The steel stem is firmly bolted to the bracket. As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions. Operating temperature: -30° C to +130° C.

L series - Pressed steel swivel brackets with plate fitting, medium duty brackets

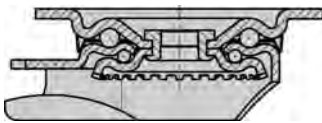
For wheel Ø: 75 - 280 mm
Up to 600 kg

Pressed steel parts, double ball bearing in the swivel head, ball protection by an integrated ball spacer in the upper, i.e. the supporting swivel bearing (except for brackets for wheel Ø of 250 + 280 mm with 175x175 mm plate dimensions). For brackets up to a wheel Ø of 140 mm, the individual components are dynamically riveted with the specially shaped top plate. For brackets with a wheel Ø of 150 mm or larger, the individual components are dynamically riveted with the strong central kingpin. This produces a work hardening of the ball race grooves, which results in a minimum swivel head play with smooth rolling characteristics and an extremely long service life. As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions. Operating temperature: -30° C to +70° C.


B. Selection Criteria for Wheels and Castors

7. Bickie Swivel and Fixed Castor Bracket Series

Blickle Pressed steel Swivel Castors for Transport Equipment and Heavy Duty Castors




LK series - Pressed steel swivel castor with plate fitting, medium heavy duty brackets

For wheel Ø: 75 - 200 mm
 Up to 600 kg

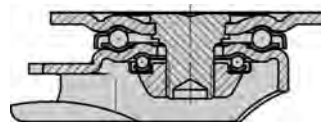
Heavy, pressed steel parts, double ball bearing in the swivel head, ball protection by an integrated ball spacer in the upper, i.e. the supporting swivel bearing. For brackets up to a wheel Ø of 125 mm, the individual components are dynamically riveted with the specially shaped top plate. For brackets with a wheel Ø of 125 mm (fork width 60 mm) or larger, the individual components are dynamically riveted with the strong central kingpin. This produces work hardening of the ball race grooves, which results in minimum swivel head play with smooth rolling characteristics and an extremely long service life. As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions. Operating temperature: -30° C to +70° C.



LKR series - Pressed steel swivel brackets with bolt hole fitting, medium heavy duty brackets

For wheel Ø: 75 - 125 mm
 Up to 250 kg

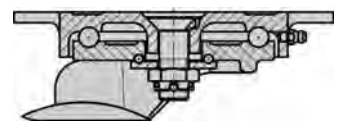
Heavy, pressed steel parts, double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The individual components are dynamically riveted with the strong central kingpin. This produces work hardening of the ball race grooves, which results in minimum swivel head play with smooth rolling characteristics and an extremely long service life. As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions. Operating temperature: -30° C to +130° C. Note: The maximum load capacities are only attained if the entire diameter of the top plate of the swivel castor is in contact with the appliance or equipment.



LH series - Pressed steel swivel brackets with plate fitting, heavy duty brackets

For wheel Ø: 75 - 250 mm
 Up to 900 kg

Heavy, pressed steel parts, double ball bearing in the swivel head, reinforced by four hardened bearing seats. Ball protection by the special design of these bearing seats. The central kingpin and the material thickness are dimensioned in acc. with safety aspects, bolted and manually secured. Minimum wear at high loads. Particularly insensitive to shock and impact loads. As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions. Operating temperature: -30° C to +130° C. Upon request, swivel brackets of the LH series are also available with a grease nipple and additional swivel head sealings (Ref. No. extension: -DN).

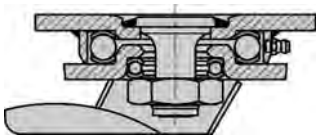


LT series - Malleable cast iron swivel brackets

For wheel Ø: 65 - 150 mm
 Up to 750 kg

The material of this bracket series is a decarbonised annealed white malleable cast iron (in acc. with DIN 1692). Malleable cast iron is characterised by its remarkable strength, shock and fracture resistance, as well as high wear resistance. Its corrosion resistance is better than that of steel. Sturdy, heavy swivel bracket construction with double ball bearing in the swivel head or single ball bearing with swivel brackets for wheel Ø of 65 + 80 mm. Ball protection by the special top plate and ball disc design, with grease nipple, central kingpin, bolted and manually secured. As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions. Operating temperature: -30° C to +130° C.

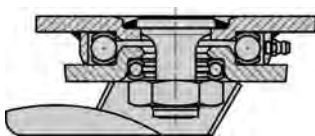
B. Selection Criteria for Wheels and Castors
7. Bickler Swivel and Fixed Castor Bracket Series
Bickler Welded Steel Heavy Duty Swivel Brackets



LO series - Welded steel heavy duty swivel brackets

For wheel Ø: 125 - 300 mm
🔧 Up to 1250 kg

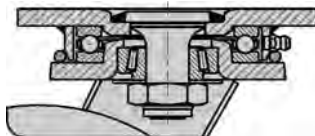
Sturdy welded steel construction, double ball bearing in the swivel head, additionally reinforced by the integration of four specially shaped and hardened bearing seats.
Swivel head sealing in labyrinth design, fitted grease nipple.
Extra large welded central kingpin, bolted and manually secured.
As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions.
Operating temperature:
-30° C to +130° C



LOD series - Welded steel heavy duty double swivel brackets

For wheel Ø: 75 - 125 mm
🔧 Up to 1250 kg

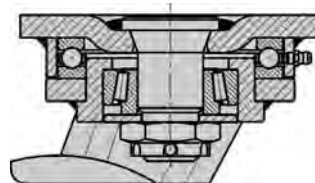
Sturdy welded steel construction, double ball bearing in the swivel head, additionally reinforced by the integration of four specially shaped and hardened bearing seats.
Swivel head sealing in labyrinth design, fitted grease nipple.
Extra large welded central kingpin, bolted and manually secured.
As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions.
Operating temperature:
-30° C to +130° C.
For fixed castors, please note that the longer side of the top plate is arranged in parallel with the wheel axle.



LS series - Welded steel heavy duty swivel brackets, extra strong swivel head design

For wheel Ø: 100 - 620 mm
🔧 Up to 12000 kg

Particularly sturdy welded steel construction with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, fitted grease nipple.
Dust and splash-proof due to the integration of rubber sealing rings.
Extra large welded central kingpin, bolted and manually secured. As these swivel brackets are protected against environmental influences by a zinc-plated or lacquer coating (colour red) and are lubricated with long-life grease, they are maintenance-free under normal conditions.
Operating temperature:
-30° C to +100° C.



LSD series - Welded steel heavy duty double swivel brackets, extra strong swivel head design

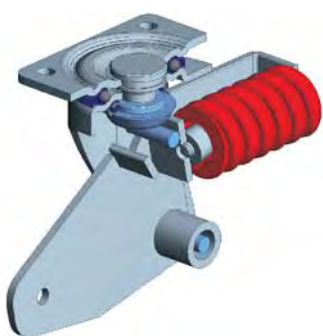
For wheel Ø: 80 - 500 mm
🔧 Up to 20000 kg

Particularly sturdy welded steel construction with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, fitted grease nipple.
Dust and splash-proof due to the integration of rubber sealing rings.
Extra large welded central kingpin, bolted and manually secured. As these swivel brackets are protected against environmental influences by a zinc-plated or lacquer coating (colour red) and are lubricated with long-life grease, they are maintenance-free under normal conditions.
Operating temperature:
-30° C to +100° C.
Swivel brackets with extremely high load capacities have reinforced welded forks.
For fixed castors, please note that the longer side of the top plate is arranged in parallel with the wheel axle.

B. Selection Criteria for Wheels and Castors

7. Bickler Swivel and Fixed Castor Bracket Series

Blickle Spring-Loaded Heavy Duty Brackets



LHF series - Spring-loaded pressed steel heavy duty swivel brackets

For wheel Ø: 100 - 200 mm
 Up to 900 kg

Heavy, pressed steel parts, double ball bearing in the swivel head, reinforced by four hardened bearing seats. Ball protection by the special design of these bearing seats.

The central kingpin and the material thickness are dimensioned in acc. with safety aspects, bolted and manually secured.

Minimum wear at high loads. Particularly insensitive to shock and impact loads. As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions.

Operating temperature:

-30° C to +130° C.

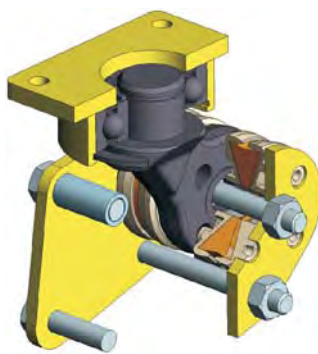
The sturdy design of the swivel fork and the spring-hinged plate reliably compensate any occurring shock loading.

The load is transferred onto a spring assembly which is dimensioned for endurance strength via the wheel and the spring-hinged plate.

The final spring tension generally is below the maximum load capacity and may be varied by additional spring assemblies.

The maximum operational comfort on uneven floors is attained with a load rating of the spring-loaded castor amounting to 40% to 60% of the final spring tension listed in the table.

Upon request, swivel brackets of the LHF series are also available with a grease nipple and additional swivel head sealings (Ref. No. extension: -DN).



LPFE series - Spring-loaded welded steel heavy duty swivel brackets

For wheel Ø: 100 - 125 mm
 Up to 350 kg

Top plate in heavy welded steel construction with sealed, life-lubricated grooved ball bearing in the swivel head. The swivel fork is designed as a extra strong forging. Due to the patented Woodruff key design, excellent spring damper characteristics are attained.

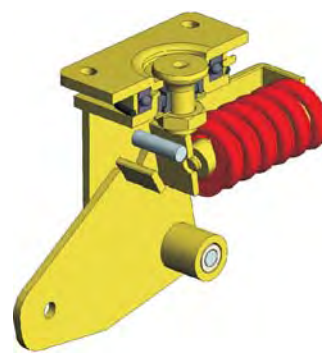
These swivel brackets are protected against environmental influences by a zinc-plated coating.

Operating temperature:

-20° C to +80° C.

The maximum operational comfort on uneven floors is attained with a load rating of the spring-loaded castor amounting to 40% to 60% of the final spring tension listed in the table.

The castor has a very compact design.



LSFN series - Spring-loaded welded steel heavy duty swivel brackets, extra strong swivel head design

For wheel Ø: 160 - 300 mm
 Up to 2000 kg

Particularly sturdy welded steel construction with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, fitted grease nipple.

Dust and splash-proof due to the integration of rubber sealing rings. Extra large welded central kingpin, bolted and manually secured. As these swivel brackets are protected against environmental influences by zinc-plating or lacquer coating (colour silver) and are lubricated with long-life grease, they are maintenance-free under normal conditions.

Operating temperature:

-30° C to +100° C.

The sturdy design of the swivel fork and the spring-hinged plate reliably compensate any occurring shock loading.

The load is transferred onto a spring assembly which is dimensioned for endurance strength via the wheel and the spring-hinged plate.

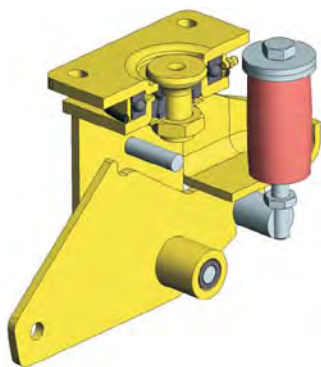
The final spring tension generally lies below the maximum load capacity and may be varied by additional spring assemblies.

The maximum operational comfort on uneven floors is attained with a load rating of the spring-loaded castor amounting to 40% to 60% of the final spring tension listed in the table.

B. Selection Criteria for Wheels and Castors

7. Bickle Swivel and Fixed Castor Bracket Series

Bickle Spring-Loaded Heavy Duty Brackets



LSFE series - Spring-loaded welded steel heavy duty swivel brackets, extra strong swivel head design

For wheel Ø: 160 - 250 mm
 Up to 1800 kg

Particularly sturdy welded steel construction with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, fitted grease nipple.

Dust and splash-proof due to the integration of rubber sealing rings. Extra large welded central kingpin, bolted and manually secured. As these swivel brackets are protected against environmental influences by a zinc-plated coating and are lubricated with long-life grease, they are maintenance-free under normal conditions.

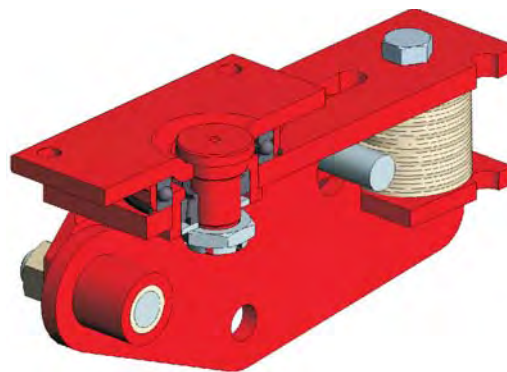
Operating temperature:
 -20° C to +80° C.

The sturdy design of the swivel fork and the spring-hinged plate reliably compensate any occurring shock loading.

The load is transferred onto an elastomer spring which is dimensioned for endurance strength via the wheel and the spring-hinged plate.

The final spring tension generally lies below the maximum load capacity and may be varied by additional elastomer spring elements.

The maximum operational comfort on uneven floors is attained with a load rating of the spring-loaded castor amounting to 40% to 60% of the final spring tension listed in the table.



LSFT series - Spring-loaded welded steel heavy duty swivel brackets, extra strong swivel head design

For wheel Ø: 200 - 250 mm
 Up to 6000 kg

Particularly sturdy welded steel construction with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, fitted grease nipple.

Dust and splash-proof due to the integration of rubber sealing rings. Extra large welded central kingpin, bolted and manually secured. As these swivel brackets are protected against environmental influences by a lacquer coating (colour red) and are lubricated with long-life grease, they are maintenance-free under normal conditions.

Operating temperature:
 -30° C to +100° C.

The sturdy design of the swivel fork and the spring-hinged plate reliably compensate any occurring shock loading.

The load is transferred onto a strong double disc spring assembly which is dimensioned for endurance strength via the wheel and the spring-hinged plate.

This castor series is used for the absorption and compensation of extreme impact loads in plant engineering applications.

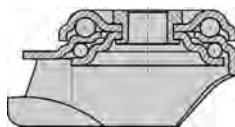
B. Selection Criteria for Wheels and Castors

7. Bickler Swivel and Fixed Castor Bracket Series

Blickle Stainless Steel Swivel Brackets

Blickle stainless steel swivel brackets

The use of swivel and fixed castors in wet conditions places high demands upon the material and construction. These demands are best met by stainless steel swivel and fixed brackets. Stainless steels are particularly pure, high-alloyed nickel-chromium steels. Usually the material is 18% nickel-chromium steel (material 1.4301/ AISI 304) which is characterised by a high corrosion resistance and a temperature resistance of up to +300° C. The corrosion resistance decreases if the material becomes dull. The servicing method depends on the degree of contamination. In most cases, it is sufficient to simply wipe clean or to use conventional cleaning agents. For polishing, Vienna chalk or magnesium oxide is recommended. If the stainless steel is covered by extraneous rust deposits, sorrel salt is recommended for cleaning. For significant incrustations, 10% nitric acid may be used for cleaning. The stainless steel parts used for swivel and fixed castors are vibration-ground finished to provide a smooth surface without burrs.



LKRXA series - Stainless steel light duty swivel brackets with bolt hole fitting

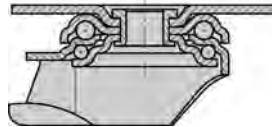
For wheel Ø: 80 - 125 mm
 Up to 120 kg

Pressed stainless steel parts, double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. All metal parts are stainless steel.

The individual components are dynamically riveted with the central kingpin. This produces a work hardening of the ball race grooves, which results in a minimum swivel head play with smooth rolling characteristics and an increased service life.

As these swivel brackets are lubricated with long-life grease, they are maintenance-free under normal conditions.

Operating temperature:
 -30° C to +130° C.



LKPXA series - Stainless steel light duty swivel brackets with plate fitting

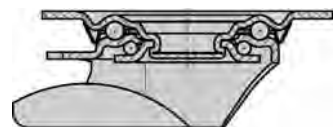
For wheel Ø: 80 - 125 mm
 Up to 120 kg

Pressed stainless steel parts, double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. All metal parts are stainless steel.

The individual components are dynamically riveted with the central kingpin. This produces a work hardening of the ball race grooves, which results in a minimum swivel head play with smooth rolling characteristics and an increased service life.

As these swivel brackets are lubricated with long-life grease, they are maintenance-free under normal conditions.

Operating temperature:
 -30° C to +130° C.



LEX series - Stainless steel swivel brackets for transport equipment castors with plate fitting

For wheel Ø: 75 - 200 mm
 Up to 300 kg

Pressed stainless steel parts, double ball bearing in the swivel head, ball protection with integrated ball spacer in the upper, i.e. the supporting swivel bearing.

All metal parts are stainless steel. The individual components are dynamically riveted with the specially shaped top plate. This produces a work hardening of the ball race grooves, which results in a minimum swivel head play with smooth rolling characteristics and an increased service life.

As these swivel brackets are lubricated with long-life grease, they are maintenance-free under normal conditions.

Operating temperature:
 -30° C to +70° C.

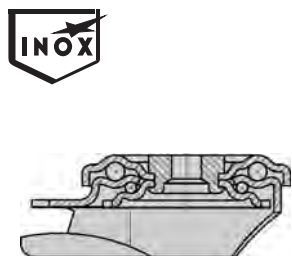
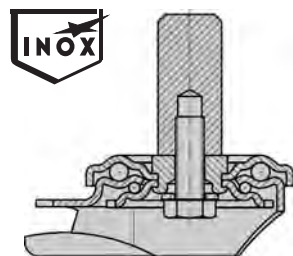
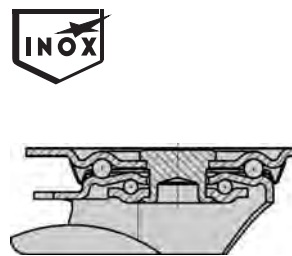
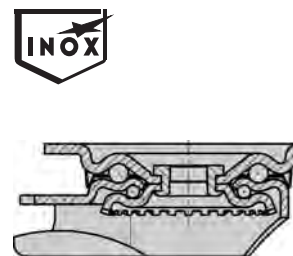
The brackets of these series are also available as a variant suitable for pressure washing with a temperature resistance of -30° C to +130° C, corresponding to DIN 18867-8 (castors for large-scale catering equipment).

B. Selection Criteria for Wheels and Castors

7. Bickler Swivel and Fixed Castor Bracket Series

Bickler Stainless Steel Swivel Brackets

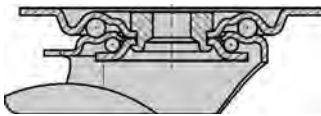
2

			
LEXR series - Stainless steel swivel brackets for transport equipment castors with bolt hole fitting	LEXZ series - Stainless steel swivel brackets for transport equipment castors with stem fitting	LX series - Stainless steel swivel brackets for transport equipment castors with plate fitting, medium duty brackets	LKX series - Stainless steel swivel brackets for transport equipment castors with plate fitting, medium heavy duty brackets
For wheel Ø: 75 - 200 mm 🔩 Up to 300 kg	For wheel Ø: 75 - 200 mm 🔩 Up to 270 kg	For wheel Ø: 150 - 200 mm 🔩 Up to 400 kg	For wheel Ø: 125 - 200 mm 🔩 Up to 800 kg
<p>Pressed stainless steel parts, double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. All metal parts are stainless steel.</p> <p>The individual components are dynamically riveted with the strong central kingpin. This produces a work hardening of the ball race grooves, which results in a minimum swivel head play with smooth rolling characteristics and an increased service life.</p> <p>As these swivel brackets are lubricated with long-life grease, they are maintenance-free under normal conditions.</p> <p>Operating temperature: -30° C to +130° C.</p> <p>Note: The maximum load capacities are only attained if the entire diameter of the top plate of the swivel castor is in contact with the appliance or equipment.</p>	<p>Pressed stainless steel parts, double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. All metal parts are stainless steel.</p> <p>The steel plug-in stem is firmly secured to the bolt hole bracket by means of a bolt.</p> <p>As these swivel brackets are lubricated with long-life grease, they are maintenance-free under normal conditions.</p> <p>Operating temperature: -30° C to +130° C.</p>	<p>Pressed stainless steel parts, double ball bearing in the swivel head, ball protection with integrated ball spacer in the upper, i.e. the supporting swivel bearing. All metal parts are stainless steel.</p> <p>The individual components are dynamically riveted with the strong central kingpin. This produces a work hardening of the ball race grooves, which results in a minimum swivel head play with smooth rolling characteristics and an increased service life.</p> <p>As these swivel brackets are lubricated with long-life grease, they are maintenance-free under normal conditions.</p> <p>Operating temperature: -30° C to +70° C.</p>	<p>Heavy, pressed stainless steel parts, double ball bearing in the swivel head, ball protection with integrated ball spacer in the upper, i.e. the supporting swivel bearing, very strong central kingpin.</p> <p>All metal parts are stainless steel.</p> <p>The individual components are dynamically riveted with the very strong central kingpin. This produces a work hardening of the ball race grooves, which results in a minimum swivel head play with smooth rolling characteristics and an increased service life.</p> <p>As these swivel brackets are lubricated with long-life grease, they are maintenance-free under normal conditions.</p> <p>Operating temperature: -30° C to +70° C.</p>

B. Selection Criteria for Wheels and Castors

7. Bickler Swivel and Fixed Castor Bracket Series

Bickler Heat-Resistant Swivel Brackets



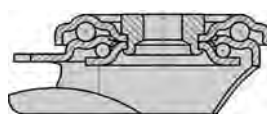
LI series - Heat-resistant swivel brackets for transport equipment castors with plate fitting

For wheel Ø: 80 - 200 mm
 Up to 400 kg

Pressed steel parts, double ball bearing in the swivel head, ball protection by the special top plate design.

The individual components are dynamically riveted with the strong central kingpin. This produces a work hardening of the ball race grooves, which results in a minimum swivel head play with smooth rolling characteristics and an increased service life. The swivel head play is dimensioned for high temperature applications. The pressed steel parts have a zinc-plated coating to provide protection against environmental influences. At high temperatures, the chromate layer of the zinc coating may slightly alter. The corrosion protection of the zinc coating, however, remains intact. By lubrication with special high-temperature grease, these swivel brackets are maintenance-free under normal conditions.

Operating temperature range:
 -30° C to +270° C temporarily up to +300° C.



LIR series - Heat-resistant swivel brackets for transport equipment castors with bolt hole fitting

For wheel Ø: 80 - 125 mm
 Up to 150 kg

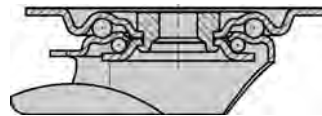
Pressed steel parts, double ball bearing in the swivel head, ball protection by the special top plate design.

The individual components are dynamically riveted with the strong central kingpin. This produces a work hardening of the ball race grooves, which results in a minimum swivel head play with smooth rolling characteristics and an increased service life. The swivel head play is dimensioned for high temperature applications. The pressed steel parts have a zinc-plated coating to provide protection against environmental influences. At high temperatures, the chromate layer of the zinc coating may slightly alter. The corrosion protection of the zinc coating, however, remains intact.

By lubrication with special high-temperature grease, these swivel brackets are maintenance-free under normal conditions.

Operating temperature range:
 -30° C to +270° C temporarily up to +300° C.

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



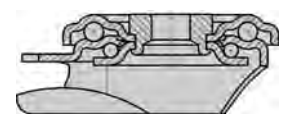
LIX series - Heat-resistant stainless steel swivel brackets for transport equipment castors with plate fitting

For wheel Ø: 80 - 200 mm
 Up to 400 kg

Pressed stainless steel parts, double ball bearing in the swivel head, ball protection by the special top plate design. All metal parts are stainless steel. The individual components are dynamically riveted with the strong central kingpin. This produces a work hardening of the ball race grooves, which results in a minimum swivel head play with smooth rolling characteristics and an increased service life. The swivel head play is dimensioned for high temperature applications. By lubrication with special high-temperature grease, these swivel brackets are maintenance-free under normal conditions.

Operating temperature range:
 -30° C to +270° C temporarily up to +300° C.

For particularly high demands regarding cleanliness and temperature resistance, a grease-free version (Ref. No. extension: -OF) is available. This swivel castor series is especially suitable for oven racks.



LIXR series - Heat-resistant stainless steel swivel brackets for transport equipment castors with bolt hole fitting

For wheel Ø: 80 - 125 mm
 Up to 150 kg

Pressed stainless steel parts, double ball bearing in the swivel head, ball protection by the special top plate design. All metal parts are stainless steel. The individual components are dynamically riveted with the strong central kingpin. This produces a work hardening of the ball race grooves, which results in a minimum swivel head play with smooth rolling characteristics and an increased service life. The swivel head play is dimensioned for high temperature applications. By lubrication with special high-temperature grease, these swivel brackets are maintenance-free under normal conditions.

Operating temperature range:
 -30° C to +270° C temporarily up to +300° C.

For particularly high demands regarding cleanliness and temperature resistance, a grease-free version (Ref. No. extension: -OF) is available. Note: The maximum load capacities are only attained if the entire diameter of the top plate of the swivel castor is in contact with the appliance or equipment.

B. Selection Criteria for Wheels and Castors

8. Fittings

Plate Fittings (Top Plates)

Swivel and fixed castors must be firmly fitted to the respective equipment, machines, appliances, etc. The suitable fitting or connection element depends on the type of equipment as well as the respective application conditions. Depending on the application, the castor fittings are subjected to different forces. Mainly, the following fitting types are used:

Plate fittings (Top plates)

Plate fittings are suitable for all equipment with a flat base. The top plate can be fitted to the equipment by means of bolts, nuts etc..

This type of fitting is used for light duty, transport equipment and heavy duty castors.

The following dimensions must be observed when selecting plate fittings:

- Plate size (external dimension)
- Bolt hole spacing (clearance between the bolt holes)
- Bolt hole \varnothing (diameter of the bolt holes)

The dimensions of the top plates as well as the bolt hole spacing and bolt hole diameters are standardised.

The plate size (external dimension) of some pressed steel fixed castors is slightly larger than that of the corresponding swivel castors.

Top plates for light duty castors

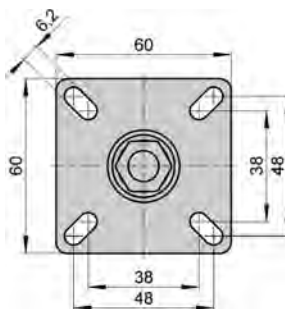


Plate No.: 22

Used in bracket series:

LPA/BPA: Wheel \varnothing 35 - 100 mm
LDA: Wheel \varnothing 50 mm

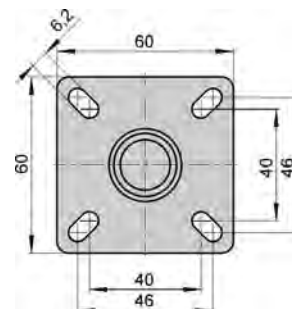


Plate No.: 23

Used in bracket series:

LDA: Wheel \varnothing 75 mm
LGDA: Wheel \varnothing 100 mm

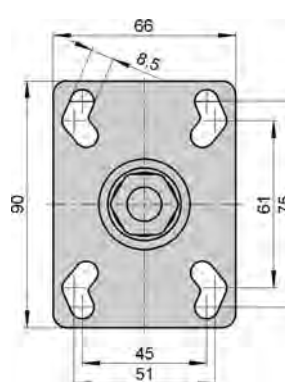


Plate No.: 25

Used in bracket series:

LKPA/BKPA: Wheel \varnothing 80 - 150 mm
LKPXA/BKPXA: Wheel \varnothing 80 - 125 mm

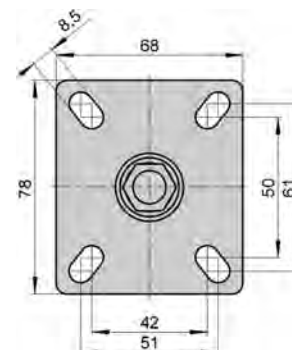


Plate No.: 51

Used in bracket series:

LKU: Wheel \varnothing 100 - 200 mm
LKUE: Wheel \varnothing 100 - 200 mm

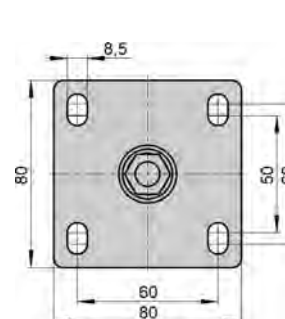


Plate No.: 52

Used in bracket series:

LKU: Wheel \varnothing 100 - 200 mm
LKUE: Wheel \varnothing 100 - 200 mm

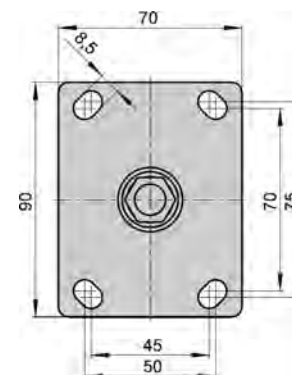


Plate No.: 53

Used in bracket series:

LKU: Wheel \varnothing 100 - 200 mm
LKUE: Wheel \varnothing 100 - 200 mm

B. Selection Criteria for Wheels and Castors

8. Fittings

Plate Fittings (Top Plates)

Top plates for transport equipment and heavy duty castors

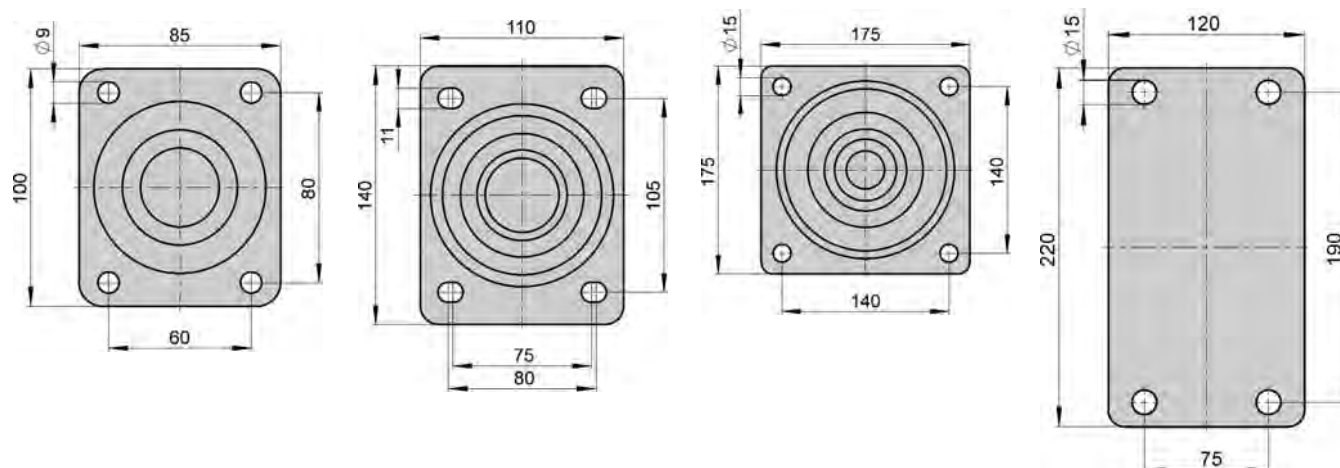


Plate No.: 1

Used in bracket series:

LE/BE:	Wheel Ø 60 - 125 mm
LEX/BEX:	Wheel Ø 75 - 200 mm
LI/LIX:	Wheel Ø 75 - 125 mm
L/B:	Wheel Ø 75 - 125 mm
LK/BK:	Wheel Ø 75 - 125 mm
LH/BH:	Wheel Ø 75 - 125 mm
LHF/BHF:	Wheel Ø 100 - 125 mm
LPFE/BPFE:	Wheel Ø 100 - 125 mm

Plate No.: 3

Used in bracket series:

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

Plate No.: 7

Used in bracket series:

L:	Wheel Ø 250 - 280 mm
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Plate No.: 9

Used in bracket series:

B:	Wheel Ø 250 - 280 mm
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B. Selection Criteria for Wheels and Castors

8. Fittings

Plate Fittings (Top Plates)

Top plates for heavy duty castors

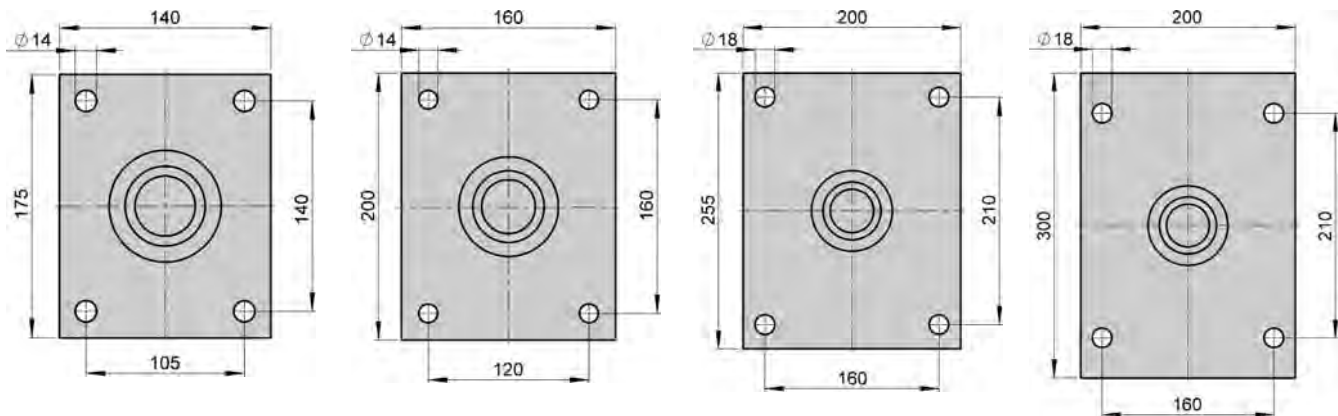


Plate No.: 35

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
 LSFE/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
 LSFE/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
 LSFT: Wheel Ø 200 - 250 mm

Plate No.: 39

Used in bracket series:

BSD: Wheel Ø 300 mm

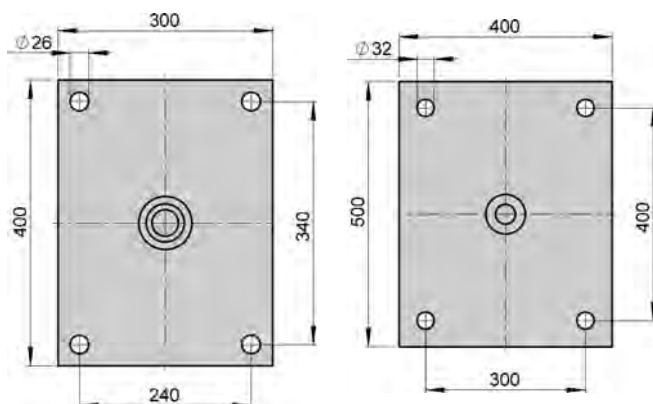


Plate No.: 42

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

B. Selection Criteria for Wheels and Castors

8. Fittings

Plate Fittings (Top Plates)

Top plates for malleable cast iron castors

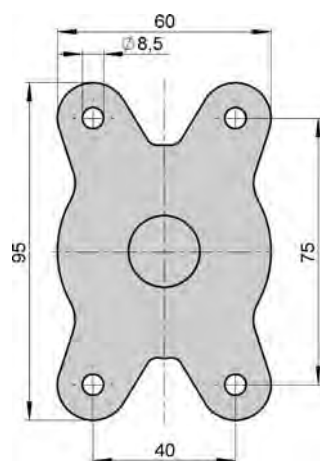


Plate No.: 89

Used in bracket series:
LT/BT: Wheel Ø 65 mm

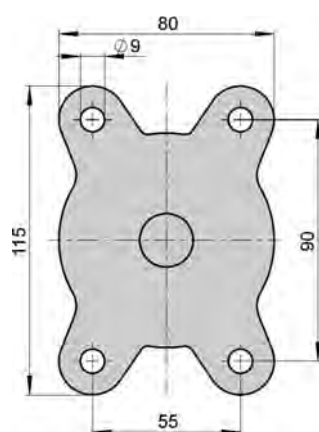


Plate No.: 91

Used in bracket series:
LT/BT: Wheel Ø 75 + 80 mm

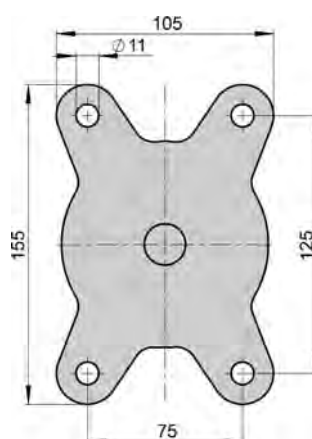


Plate No.: 92

Used in bracket series:
LT/BT: Wheel Ø 100 + 125 mm

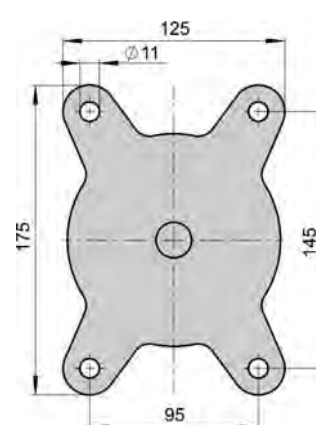


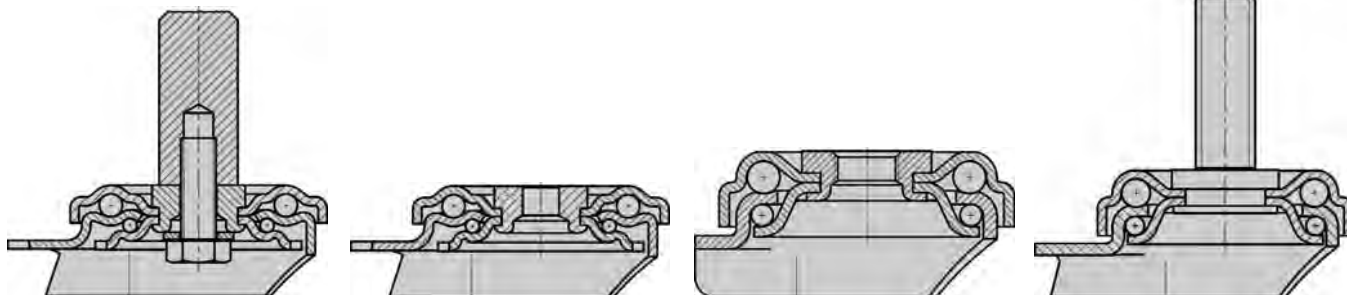
Plate No.: 93

Used in bracket series:
LT/BT: Wheel Ø 150 mm

B. Selection Criteria for Wheels and Castors

8. Fittings

2



Steel plug-in stem fittings

A steel plug-in stem is a fitting attachment which can be inserted into a corresponding tube or hole. The stem is firmly connected to the castor and can be secured against turning or loosening by means of a fixing bolt. In addition to the standard dimensions, individual customer requests concerning the stem size or design (threaded stem) can be realised if adequate quantities are ordered.

Equipment must be designed in accordance with the permissible material characteristics. A tube for stem fitting must not, for example, be too thin-walled. This type of fitting is mainly used for light duty and transport equipment castors.

The following dimensions have to be considered when selecting stem fitting:

- Stem \varnothing
- Stem length
- Fixing hole position (if available)

Bolt Hole Fittings

With bolt hole fittings, a connection element (e.g. a bolt) is pushed through the bolt hole of the swivel head.

The type and design of the connection may be specified by the user. Depending on the type of fitting, the load capacity may vary.

Note: The maximum load capacities 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 is mainly used for light duty and transport equipment castors.

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

- Plate \varnothing (external dimension)
- Bolt hole \varnothing

Bolt Hole Fittings with Internal Thread

With bolt hole fittings with internal thread, a connection element (e.g. a bolt) is pushed through the bolt hole.

The type and design of the connection may be specified by the user.

Note: The maximum load capacities 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 is mainly used for light duty and transport equipment castors.

The following dimensions have to be considered when selecting bolt hole fitting with internal thread:

- Plate \varnothing (external dimension)
- Bolt hole \varnothing (internal thread diameter)

Threaded Pin Fittings

If a device or appliance is provided with a thread or a smooth cylindrical through hole, a threaded pin (Ref. No. extension: -GS) can be used for fitting. The pin is either screwed in or tightened by means of a nut.

In addition to the standard dimensions, individual customer requests concerning the threaded pin dimensions can be realised if adequate quantities are ordered.

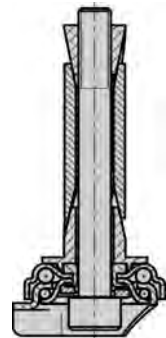
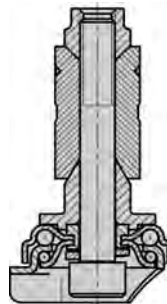
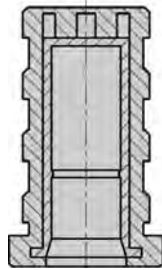
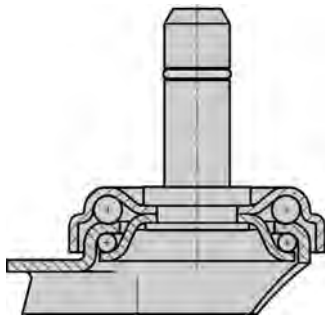
This type of fitting is mainly used for light duty castors.

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

- Threaded pin \varnothing
- Length of the threaded pin (corresponds to the pin's protrusion from the castor)

B. Selection Criteria for Wheels and Castors

8. Fittings



Plug-In Pins for Synthetic Castor Sockets

Plug-in pins (Ref. No. extension: -ES) are fitting elements which are inserted into an accommodating tube or hole. The plug-in pin is firmly connected with the castor. A spring ring secures the swivel castor in the hole against loosening. Plug-in pin fittings do not have an anti-twist lock. Therefore the swivel head locking is non-effective and only the wheel lock functions for swivel castors with brake. This type of fitting is mainly used for light duty castors. With these fittings, swivel castors can be rapidly and cost-favourably fitted to equipments. This type of fitting is not suitable for fixed castors.

The following dimension has to be considered when selecting plug-in pin fitting:

- Plug-in pin diameter

Synthetic Castor Sockets for Round Tubes

Synthetic castor sockets (Ref. No.: RHR...) are adapters which reduce the internal diameters of tubes to the plug-in pin's diameter. The synthetic castor socket is pressed or driven into the accommodating recess (round tube, hole, etc.) of the equipment. Then, the swivel castor is inserted into the castor socket by means of a plug-in pin.

The following size is important when selecting the synthetic castor socket:

- Inside diameter of the tube

Metal Expander Fittings

Metal expander fittings (Ref. No. extension: -E) consist of a cylindrical screw with hexagon socket, two conical elements and four zinc-cast expanding wedges. The fitting is inserted into a hole or a round or square tube.

When screwing in the bolt, the wedges are expanded and firmly pressed against the inner tube wall.

We recommend a tightening torque of max. 50 Nm. With reduced loads, the torque may be reduced to 16 Nm for thin-walled tubes.

The metal expander fittings are provided with a hexagon socket on the underside. This positive interlocking prevents the expander turning in the fitting tube and any uncontrolled loosening caused by lateral pressure, particularly in the locked state.

With the combination of a metal expander fitting and a synthetic castor, it is an interference fit and therefore the expander may turn in the fitting tube. (Ref. No. extension: -EA-...). If these expander fittings are used for square tubes, the wedges must be fitted into the tube corners. This type of fitting is mainly used for light duty castors.

The following sizes are important when selecting the expander fitting:

- Inside diameter of the tube
- Tube shape (round or square)

Synthetic Expander Fittings

Synthetic expander fittings (Ref. No. extension: -EK) consist of a cylindrical bolt with hexagon socket, two zinc-cast conical elements and one synthetic expanding wedge. The fitting is inserted into a hole or a round tube.

When screwing in the bolt, the wedge is expanded and firmly pressed against the inner tube wall. The fitting of these synthetic expander fittings protects the inner tube surface, however, the fitting's retention force is lower than with metal expander fittings.

Synthetic expander fittings are only available in connection with synthetic castors. The synthetic expander is an interference fit and therefore the expander may turn in the fitting tube.

Synthetic expander fittings are only applicable for round tubes.

The following criteria must be observed when selecting expander fittings:

- Internal tube diameter

B. Selection Criteria for Wheels and Castors

9. Variants/Accessories

Blickle Wheel and Swivel Head Brakes

Blickle wheel and swivel head brakes

With the brake systems described in the following sections, the rolling and swivel motions of swivel castors can be locked when the equipment is motionless.

(Wheel and swivel head brakes)

Depending on the application type, "non-trailing", "trailing" or "stationary" brake systems are used. Related to the rolling direction, the "non-trailing" brake system is fitted to the front of the castor and the "trailing" brake system to the rear. The "stationary" brake system does not rotate with the swivel head. The brake lever remains in the same position at all times.

The selection of one of these three brake systems depends on the requirements based upon user-friendliness, fitting conditions, and user-specific accident prevention measures. If these brake systems are combined with wheels with soft tyres/treads, particularly the VW, VWPP and P wheel series, the brake forces are reduced.



Blickle "stop-fix" wheel and swivel head brakes for light duty, transport equipment and heavy duty castors (Ref. No. extension: -FI)

This "trailing" brake system is attached to the back of the bracket and provides a positive locking of the swivel head and a nonpositive locking of the wheel by means of a very strong brake mechanism, designed for high security and long life.

A brake spring engages in a toothed spherical disc and locks both the swivel head and the wheel.

The holding pressure is adjustable for the L and LX bracket series (wheel Ø of 150 mm or larger), for the LK and LKX (wheel dimensions 125x50 or larger) and LH bracket series (all sizes).

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

B. Selection Criteria for Wheels and Castors

9. Variants/Accessories

Blickle Wheel and Swivel Head Brakes



Blickle "ideal-stop" wheel and swivel head brakes for transport equipment and heavy duty castors (Ref. No. extension: -IS)

This brake system provides a non-positive swivel head and wheel brake on the basis of a very strong brake mechanism which has been designed in accordance with high security and long service life aspects.

Wear is prevented by the conical brake within the swivel head.

The holding pressure is adjustable.

The special characteristic of this brake system is its "stationary" brake lever which does not rotate together with the swivel castor and therefore is always operable at the same position.

These brakes are available for the LK, LH and LEX bracket series (wheel Ø of 160 mm and 200 mm).

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 (Ref. No. AP3) is available for the height adjustment of castors without these brakes.

Refer to "Variants/Accessories" pages.



Blickle "stop-top" wheel and swivel head brake for transport equipment and heavy duty castors (Ref. No. extension: -ST)

This "non-trailing" brake system provides a non-positive swivel head and wheel brake on the basis of a very strong brake mechanism which has been designed in accordance with high security and long service life aspects.

The holding pressure is adjustable.

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

B. Selection Criteria for Wheels and Castors

9. Variants/Accessories

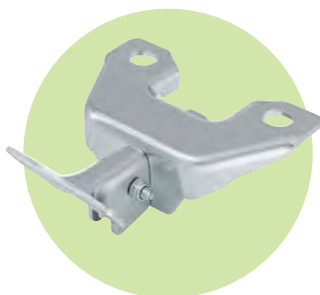
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Blickle "Radstop" wheel brakes for heavy duty castors
(Ref. No. extension: -RA)

These brakes provide a non-positive wheel brake on the basis of a simple and very strong brake mechanism. The wheel brake is either operated by foot or via a wrench and provides extremely strong braking forces, facilitating a safe fixation of even extremely heavy loads. With double castors, these brakes control both wheels. This accessory is available for various welded steel swivel castor series.

Refer to "Variants/Accessories" pages.



Blickle directional locks for pressed steel swivel castors
(Ref. No. extension: -RI...)

These directional locks lock the swivel motion to specified directional positions. Therefore, swivel castors with activated directional locks can assume the function of fixed castors at any time.

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 brackets are required.

This accessory is available for various swivel castor series.

Refer to "Variants/Accessories" pages.



Blickle directional locks for welded steel swivel castors
(Ref. No. extension: -RI...)

These directional locks lock the swivel motion to specified directional positions. Therefore, swivel castors with activated directional locks can assume the function of fixed castors at any time.

These directional locks are integrated units which are welded to the top plate. In addition to the standard position of 180° (Ref. No. extension: -RI2, two locking positions), these directional locks can also be adapted to customer-specific locking requests (e.g. Ref. No. extension: -RI4, 90°, four locking positions) if adequate quantities are ordered. This version is extremely rugged and adapted to heavy duty castor applications. These directional locks are available for various heavy duty swivel castor series.

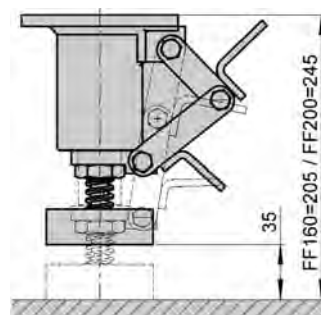
Refer to "Variants/Accessories" pages.



Blickle truck locks
(Ref. No. : FF160 / FF200)

Blickle truck locks are used for locking transport equipment in a resting position. The truck locks are not fitted to castors, but directly to the transport equipment. By a simple operation of the brake lever the weight of the transport equipment is slightly released without being lifted. Truck locks can be combined with various castor series.

Refer to "Variants/Accessories" pages.



B. Selection Criteria for Wheels and Castors

9. Variants/Accessories

2



Thread guard (Ref. No. extension: -FA or -FK)

As standard, thread guards are pressed steel and are zinc-plated (Ref. No. extension: -FA) or synthetically injected-moulded (Ref. No. extension: -FK).

They are fitted to both sides of the wheel bearings and 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, etc..

This accessory is available for numerous swivel and fixed castor series. Refer to "Variants/Accessories" pages.



Hub caps for end wheels (Ref. No. extension: -E)

Wheel caps are pressed steel and zinc-plated.

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 accessory is available for various wheel series.

Refer to "Variants/Accessories" pages.



Stainless steel Axle Tubes (Ref. No. extension: -XA)

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

Also available fitted to standard zinc-plated 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 tube.

This variant is available for various swivel and fixed castor series. Refer to "Variants/Accessories" pages.



Teflon-coated stainless steel axle tubes (Ref. No. : XAT...)

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

Teflon-coated stainless steel axle tubes are fitted in heat-resistant plain bearing wheels.

This accessory is available for various heat-resistant wheel series. Refer to "Variants/Accessories" pages.



STARLOCK® stainless steel caps (Ref. No.: ST-KA...)

With this component, light wheels can easily be fitted to an axle, 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.

C. Blickle Product Information

In accordance with the manufacturer's liability obligation for his products as defined in the German product liability law (§ 4 Prod-HaftG), 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.

D. Blickle Reference Number System

The Blickle reference number 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** and **K** indicate the respective bearing (plain bearing, roller bearing or ball bearing). Possible further letter combinations indicate variants or accessories.

Example:

VLE 250/20-75K-SN

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

Variant:
Non-marking tyre

Swivel and Fixed Castors

Each Blickle swivel castor bracket series is initially defined by an 'L', each Blickle fixed castor bracket series by a 'B' in the letter combination.

The reference numbers 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** and **K** indicate the respective wheel bearing. Further numbers indicate various top plates, bolt hole or stem versions. Possible further letter combinations indicate variants or accessories.

Example:

LH-SPO 125K-3-ST-FA

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 71: "Fittings")

Variant:
"stop-top" brake

Accessory:
Thread guard

Variants/Accessories

With variants, e.g. special tyres (non-marking grey, heat-resistant, etc.) and accessories, e.g. various brake systems, thread guard, etc., the reference number is extended by further letters and/or numbers. These are listed on the various catalogue pages under "Variants/Accessories" (refer to "Ref. No. Extension").

Contents: Section 3

Wheel series

Swivel bracket series (combined with the respective wheel series)

For matching fixed castors, refer to the corresponding catalogue pages.

			LRA	LPA	LMDA	LDA	LKRA	LKPA			
3		TPA Series TPA Wheel Ø [mm] 50 - 200 mm Load capacity [kg] 50 - 140 kg Page 84	 LRA-TPA 50 - 100 mm 50 - 75 kg 85	 LPA-TPA 50 - 100 mm 50 - 75 kg 86	 LMDA-TPA 50 - 75 mm 80 - 100 kg 87	 LDA-TPA 50 - 75 mm 80 - 100 kg 88	 LKRA-TPA 80 - 150 mm 90 - 110 kg 89 - 90	 LKPA-TPA 80 - 150 mm 90 - 110 kg 91			
		VPA Series VPA Wheel Ø [mm] 49 - 175 mm Load capacity [kg] 40 - 125 kg Page 92	 LRA-VPA 50 - 100 mm 40 - 70 kg 93	 LPA-VPA 50 - 100 mm 40 - 70 kg 94	 LMDA-VPA 50 - 75 mm 70 - 100 kg 95	 LDA-VPA 50 - 75 mm 70 - 100 kg 96	 LKRA-VPA 80 - 150 mm 60 - 110 kg 97 - 98	 LKPA-VPA 80 - 150 mm 60 - 110 kg 99			
		VMA Series VMA Wheel Ø [mm] 125 mm Load capacity [kg] 75 - 125 kg Page 100					 LKRA-VMA 125 mm 75 - 120 kg 101				
		PTH Series PTH Wheel Ø [mm] 80 - 125 mm Load capacity [kg] 125 - 180 kg Page 102					 LKRA-PTH 80 - 125 mm 120 kg 103	 LKPA-PTH 80 - 125 mm 120 kg 104			
		Series Wheel Ø [mm] Load capacity [kg] Page	 LRA-VSTH 35 mm 100 kg 105	 LPA-VSTH 35 mm 100 kg 106							
		POA Series POA Wheel Ø [mm] 35 - 150 mm Load capacity [kg] 75 - 180 kg Page 107	 LRA-POA 35 - 75 mm 75 kg 108	 LPA-POA 35 - 75 mm 75 kg 109	 LMDA-POA 50 - 75 mm 80 - 100 kg 110	 LDA-POA 50 - 75 mm 80 - 100 kg 111	 LKRA-POA 80 - 150 mm 110 - 120 kg 112	 LKPA-POA 80 - 150 mm 110 - 120 kg 113			
		HZ Series HZ Wheel Ø [mm] 50 - 125 mm Load capacity [kg] 40 - 90 kg Page 114	 LRA-HZ 50 - 75 mm 40 - 60 kg 115	 LPA-HZ 50 - 75 mm 40 - 60 kg 116				 LKPA-HZ 80 - 125 mm 70 - 90 kg 117			



Light duty wheels and castors

Series: TPA

Wheels with thermoplastic rubber tread,
synthetic wheel centre

50 - 140 kg



Treads: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A.
Wheel centres: Made of polypropylene, colour light grey, colour black for “-ELS” version (refer to Variants / Accessories), plain or ball bearing.

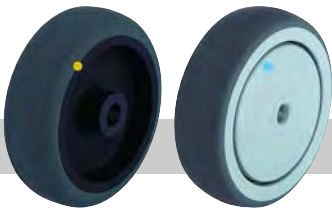
As standard, ball bearing versions with wheel Ø of 50-125 mm are supplied with synthetic thread guards.

Detailed description: Page 30.

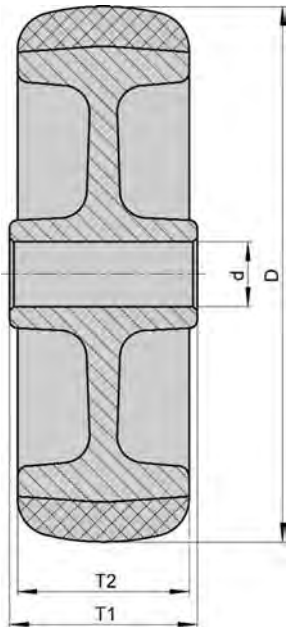
Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
TPA 50/8G	50	19	50	Plain bearing	8	22
TPA 50/6K-FK	50	19	50	Ball bearing	6	23
TPA 75/8G	75	25	75	Plain bearing	8	29,5
TPA 75/6K-FK	75	25	75	Ball bearing	6	31
TPA 80/12G	80	32	90	Plain bearing	12	35
TPA 80/8K-FK	80	32	90	Ball bearing	8	36
TPA 100/8G	100	25	80	Plain bearing	8	29,5
TPA 101/12G	100	32	100	Plain bearing	12	35
TPA 101/8K-FK	100	32	100	Ball bearing	8	36
TPA 126/12G	125	32	110	Plain bearing	12	35
TPA 126/8K-FK	125	32	110	Ball bearing	8	36
TPA 150/12G	150	32	130	Plain bearing	12	36
TPA 150/12K	150	32	130	Ball bearing	12	33
TPA 200/12K	200	32	140	Ball bearing	12	33

Variants / Accessories




	Antistatic version, non-marking grey	With bearing seal for ball bearings
Technical description page	30	58
Ref. No. extension	-ELS	-KD
Available for wheel Ø [mm]	50 - 125	50 - 125



Series: LRA-TPA, BRA-TPA

Light duty swivel and fixed castors with bolt hole fitting

 50 - 75 kg



Brackets: LRA/BRA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Detailed description: Page 59 and 76.

Wheels: TPA Series - Treads: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A. Wheel centres: Made of polypropylene, colour light grey, colour black for "-ELS" version (refer to Variants / Accessories), plain or ball bearing.

As standard, ball bearing versions are supplied with synthetic thread guards.

Detailed description: Page 84 and 30.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake								
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LRA-TPA 50G	BRA-TPA 50G	LRA-TPA 50G-FI	50	19	50	Plain bearing	69	43	11	25
LRA-TPA 50K-FK	BRA-TPA 50K-FK	LRA-TPA 50K-FI-FK	50	19	50	Ball bearing	69	43	11	25
LRA-TPA 75G	BRA-TPA 75G	LRA-TPA 75G-FI	75	25	75	Plain bearing	98	43	11	28
LRA-TPA 75K-FK	BRA-TPA 75K-FK	LRA-TPA 75K-FI-FK	75	25	75	Ball bearing	98	43	11	28
LRA-TPA 100G		LRA-TPA 100G-FI	100	25	70	Plain bearing	121	43	11	33

Variants / Accessories



	Antistatic version, non-marking grey	With synthetic thread guard	With electrostatic powder coating	With threaded pin M10 x 30	With plug-in pin 11 x 30.5	Synthetic castor sockets for round tubes	With metal expander fitting
Technical description page	30	30 + 79		74	75	75	75
Ref. No. extension	-ELS	Standard		-GS10	-ES	See below	See below
Available for wheel Ø [mm]	All sizes	All ball bearing versions	Upon request	All swivel castors	All swivel castors	All swivel castors with plug-in pin	All swivel castors

Metal expander fitting

Internal tube dim. round tube [mm]	Internal tube dim. square tube [mm]	Ref. No. extension
16,5 - 19,0	17,0 - 19,0	-E01
19,0 - 25,0	18,0 - 21,0	-E02
24,5 - 30,5	20,5 - 25,0	-E03
29,5 - 35,5	24,5 - 29,0	-E04
35,0 - 40,5	28,5 - 32,0	-E05
39,0 - 45,0	34,0 - 38,5	-E07

Synthetic castor socket

Ref. No.	Internal tube dim. round tube [mm]	Flange dimension Ø x height [mm]	Total length castor socket [mm]
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			

Series: LPA-TPA, BPA-TPA

Light duty swivel and fixed castors

50 - 75 kg



3

Further information on the Internet: www.bickel.de



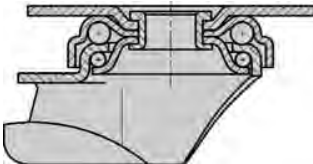
Brackets: LPA/BPA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Top plate drawings: Page 70.
Detailed description: Page 59 and 76.

Wheels: TPA Series - Treads: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A.
Wheel centres: Made of polypropylene, colour light grey, colour black for "-ELS" version (refer to Variants / Accessories), plain or ball bearing.

As standard, ball bearing versions are supplied with synthetic thread guards.

Detailed description: Page 84 and 30.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LPA-TPA 50G	BPA-TPA 50G	LPA-TPA 50G-FI	50	19	50	Plain bearing	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	71	60 x 60	38x38/48x48	6,2	25
LPA-TPA 75G	BPA-TPA 75G	LPA-TPA 75G-FI	75	25	75	Plain bearing	100	60 x 60	38x38/48x48	6,2	28
LPA-TPA 75K-FK	BPA-TPA 75K-FK	LPA-TPA 75K-FI-FK	75	25	75	Ball bearing	100	60 x 60	38x38/48x48	6,2	28
LPA-TPA 100G		LPA-TPA 100G-FI	100	25	70	Plain bearing	123	60 x 60	38x38/48x48	6,2	33



Variants / Accessories

	Antistatic version, non-marking grey	With synthetic thread guard	With electrostatic powder coating
Technical description page	30	30 + 79	
Ref. No. extension	-ELS	Standard	
Available for wheel Ø [mm]	All sizes	All ball bearing versions	Upon request

Series: LMDA-TPA

Light duty twin wheel swivel castors with bolt hole fitting

80 - 100 kg



Brackets: LMDA Series - Pressed steel, with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Detailed description: Page 59 and 76.

Wheels: TPA Series - Treads: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A. Wheel centres: Made of polypropylene, colour light grey, colour black for "-ELS" version (refer to Variants / Accessories), plain or ball bearing.

As standard, ball bearing versions are supplied with synthetic thread guards.

Detailed description: Page 84 and 30.

Swivel castors	Swivel castors with “stop-fix” brake	Detailed description: Page 84 and 30.								
Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	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 bearing	71	41	10,2	31	
LMDA-TPA 50K-FK	LMDA-TPA 50K-FI-FK	50	2 x 19	80	Ball bearing	71	41	10,2	31	
LMDA-TPA 75G	LMDA-TPA 75G-FI	75	2 x 25	100	Plain bearing	98	55	10,2	34	
LMDA-TPA 75K-FK	LMDA-TPA 75K-FI-FK	75	2 x 25	100	Ball bearing	98	55	10,2	34	



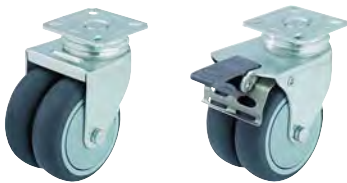
Variants / Accessories

	Antistatic version, non-marking grey	With synthetic thread guard
Technical description page	30	30 + 79
Ref. No. extension	-ELS	Standard
Available for wheel Ø [mm]	All sizes	All ball bearing versions

Castors+Wheels

Series: LDA-TPA
Light duty twin wheel swivel castors

80 - 100 kg



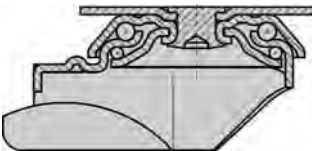
Brackets: LDA Series - Pressed steel, double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Top plate drawings: Page 70.
Detailed description: Page 60 and 76.

Wheels: TPA Series - Treads: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A.
Wheel centres: Made of polypropylene, colour light grey, colour black for “-ELS” version (refer to Variants / Accessories), plain or ball bearing.

As standard, ball bearing versions are supplied with synthetic thread guards.

Detailed description: Page 84 and 30.

Swivel castors	Swivel castors with “stop-fix” brake									
Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	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 bearing	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	71	60 x 60	38x38/48x48	6,2	31
LDA-TPA 75G	LDA-TPA 75G-FI	75	2 x 25	100	Plain bearing	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	101	60 x 60	40x40/46x46	6,2	34




Variants / Accessories

	Antistatic version, non-marking grey	With synthetic thread guard
Technical description page	30	30 + 79
Ref. No. extension	-ELS	Standard
Available for wheel Ø [mm]	All sizes	All ball bearing versions

Series: LKRA-TPA, BKRA-TPA, wheel Ø 80 - 100 mm

Light duty swivel and fixed castors with bolt hole fitting, heavy brackets

 90 - 100 kg



Brackets: LKRA/BKRA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, bolted wheel axle, zinc-plated.
Detailed description: Page 60 and 76.

Wheels: TPA Series - Treads: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A. Wheel centres: Made of polypropylene, colour light grey, colour black for "-ELS" version (refer to Variants / Accessories), plain or ball bearing.

As standard, ball bearing versions are supplied with synthetic thread guards.

Detailed description: Page 84 and 30.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
Ref. No.	Ref. No.	Ref. No.								
LKRA-TPA 80G	BKRA-TPA 80G	LKRA-TPA 80G-FI	80	32	90	Plain bearing	108	57	13	40
LKRA-TPA 80G-11		LKRA-TPA 80G-11-FI	80	32	90	Plain bearing	108	57	11	40
LKRA-TPA 80K-FK	BKRA-TPA 80K-FK	LKRA-TPA 80K-FI-FK	80	32	90	Ball bearing	108	57	13	40
LKRA-TPA 80K-11-FK		LKRA-TPA 80K-11-FI-FK	80	32	90	Ball bearing	108	57	11	40
LKRA-TPA 101G	BKRA-TPA 101G	LKRA-TPA 101G-FI	100	32	100	Plain bearing	133	57	13	40
LKRA-TPA 101G-11		LKRA-TPA 101G-11-FI	100	32	100	Plain bearing	133	57	11	40
LKRA-TPA 101K-FK	BKRA-TPA 101K-FK	LKRA-TPA 101K-FI-FK	100	32	100	Ball bearing	133	57	13	40
LKRA-TPA 101K-11-FK		LKRA-TPA 101K-11-FI-FK	100	32	100	Ball bearing	133	57	11	40

For further wheel Ø, refer to the following page.

Variants / Accessories




	Antistatic version, non-marking grey	With synthetic thread guard	With electrostatic powder coating	With threaded pin M12 x 30	With metal expander fitting
Technical description page	30	30 + 79		74	75
Ref. No. extension	-ELS	Standard		-GS12	See below
Available for wheel Ø [mm]	All sizes	All ball bearing versions	Upon request	All swivel castors	All with bolt hole Ø 11 mm

Metal expander fitting

Internal tube dim. round tube [mm]	Internal tube dim. square tube [mm]	Ref. No. extension
16,5 - 19,0	17,0 - 19,0	-E11
19,0 - 25,0	18,0 - 21,0	-E12
24,5 - 30,5	20,5 - 25,0	-E13
29,5 - 35,5	24,5 - 29,0	-E14
35,0 - 40,5	28,5 - 32,0	-E15
39,0 - 45,0	34,0 - 38,5	-E17

Series: LKRA-TPA, BKRA-TPA, wheel Ø 125 - 150 mm

Light duty swivel and fixed castors with bolt hole fitting, heavy brackets

 110 kg



3



Brackets: LKRA/BKRA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, bolted wheel axle, zinc-plated.
Detailed description: Page 60 and 76.

Wheels: TPA Series - Treads: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A. Wheel centres: Made of polypropylene, colour light grey, colour black for "-ELS" version (refer to Variants / Accessories), plain or ball bearing.

As standard, ball bearing versions with wheel Ø of 125 mm are supplied with synthetic thread guards.

Detailed description: Page 84 and 30.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]	
LKRA-TPA 126G	BKRA-TPA 126G	LKRA-TPA 126G-FI	125	32	110	Plain bearing	158	57	13	40	
LKRA-TPA 126G-11		LKRA-TPA 126G-11-FI	125	32	110	Plain bearing	158	57	11	40	
LKRA-TPA 126K-FK	BKRA-TPA 126K-FK	LKRA-TPA 126K-FI-FK	125	32	110	Ball bearing	158	57	13	40	
LKRA-TPA 126K-11-FK		LKRA-TPA 126K-11-FI-FK	125	32	110	Ball bearing	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	

Variants / Accessories



	Antistatic version, non-marking grey	With synthetic thread guard	With pressed steel thread guard, zinc-plated	With electrostatic powder coating	With threaded pin M12 x 30	With metal expander fitting
Technical description page	30	30 + 79	79		74	75
Ref. No. extension	-ELS	Standard	-FA		-GS12	See below
Available for wheel Ø [mm]	125	125 ball bearing version	150	Upon request	All swivel castors	All with bolt hole Ø 11 mm

Metal expander fitting

Internal tube dim. round tube [mm]	Internal tube dim. square tube [mm]	Ref. No. extension
16,5 - 19,0	17,0 - 19,0	-E11
19,0 - 25,0	18,0 - 21,0	-E12
24,5 - 30,5	20,5 - 25,0	-E13
29,5 - 35,5	24,5 - 29,0	-E14
35,0 - 40,5	28,5 - 32,0	-E15
39,0 - 45,0	34,0 - 38,5	-E17

Series: LKPA-TPA, BKPA-TPA

Light duty swivel and fixed castors, heavy brackets

 90 - 110 kg



Brackets: LKPA/BKPA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, bolted wheel axle, zinc-plated.

Top plate drawings: Page 70.

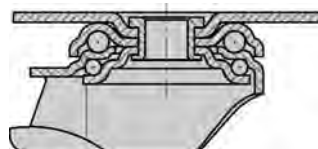
Detailed description: Page 60 and 76.

Wheels: TPA Series - Treads: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A. Wheel centres: Made of polypropylene, colour light grey, colour black for "-ELS" version (refer to Variants / Accessories), plain or ball bearing.

As standard, ball bearing versions with wheel Ø of 80-125 mm are supplied with synthetic thread guards.

Detailed description: Page 84 and 30.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LKPA-TPA 80G	BKPA-TPA 80G	LKPA-TPA 80G-FI	80	32	90	Plain bearing	111	90 x 66	75x45/61x51	8,5	40
LKPA-TPA 80K-FK	BKPA-TPA 80K-FK	LKPA-TPA 80K-FI-FK	80	32	90	Ball bearing	111	90 x 66	75x45/61x51	8,5	40
LKPA-TPA 101G	BKPA-TPA 101G	LKPA-TPA 101G-FI	100	32	100	Plain bearing	136	90 x 66	75x45/61x51	8,5	40
LKPA-TPA 101K-FK	BKPA-TPA 101K-FK	LKPA-TPA 101K-FI-FK	100	32	100	Ball bearing	136	90 x 66	75x45/61x51	8,5	40
LKPA-TPA 126G	BKPA-TPA 126G	LKPA-TPA 126G-FI	125	32	110	Plain bearing	161	90 x 66	75x45/61x51	8,5	40
LKPA-TPA 126K-FK	BKPA-TPA 126K-FK	LKPA-TPA 126K-FI-FK	125	32	110	Ball bearing	161	90 x 66	75x45/61x51	8,5	40
LKPA-TPA 150G	BKPA-TPA 150G	LKPA-TPA 150G-FI	150	32	110	Plain bearing	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



Variants / Accessories



	Antistatic version, non-marking grey	With synthetic thread guard	With pressed steel thread guard, zinc-plated	With electrostatic powder coating
Technical description page	30	30 + 79	79	
Ref. No. extension	-ELS	Standard	-FA	
Available for wheel Ø [mm]	80 - 125	80 - 125 ball bearing versions	150	Upon request

Series: VPA

Wheels with solid rubber tyres, synthetic rim

 40 - 125 kg



Tyres: Solid rubber, colour grey, non-marking, 80° shore A.
Rims: Plain bearing version made of high-quality nylon.
 Ball bearing version made of polypropylene. Shock and impact-resistant, corrosion-resistant, colour black.
 Detailed description: Page 30.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPA 49/8G*	49	18	40	Plain bearing	8	22
VPA 50/8G	50	18	40	Plain bearing	8	22
VPA 50/6K	50	18	40	Ball bearing	6	22,5
VPA 75/8G	75	25	60	Plain bearing	8	29,5
VPA 75/6K	75	25	60	Ball bearing	6	30
VPA 80/12G	80	25	60	Plain bearing	12	35
VPA 80/8K	80	25	60	Ball bearing	8	35
VPA 100/8G	100	25	70	Plain bearing	8	29,5
VPA 100/12G	100	25	70	Plain bearing	12	29,5
VPA 100/6K	100	25	70	Ball bearing	6	30
VPA 101/12G	100	32	90	Plain bearing	12	35
VPA 101/8K	100	32	90	Ball bearing	8	35
VPA 125/12G	125	25	80	Plain bearing	12	35
VPA 125/8K	125	25	80	Ball bearing	8	35
VPA 126/12G	125	32	100	Plain bearing	12	35
VPA 126/8K	125	32	100	Ball bearing	8	35
VPA 150/12G	150	32	110	Plain bearing	12	35
VPA 150/8K	150	32	110	Ball bearing	8	35
VPA 175/12G	175	32	125	Plain bearing	12	35
VPA 175/8K	175	32	125	Ball bearing	8	35

* Smooth tread

Variants / Accessories



Antistatic version,
black tyre

Technical description page

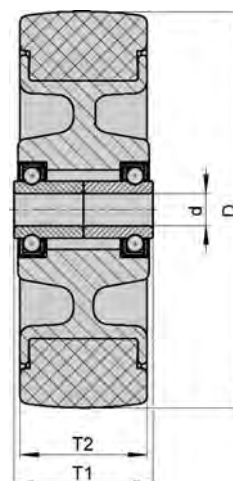
30

Ref. No. extension

-EL

Available for wheel Ø [mm]

All ball bearing
versions



Series: LRA-VPA, BRA-VPA

Light duty swivel and fixed castors with bolt hole fitting

 40 - 70 kg



Brackets: LRA/BRA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Detailed description: Page 59 and 76.

Wheels: VPA Series - Tyres: Solid rubber, colour grey, non-marking, 80° shore A.
Rims: Plain bearing version made of high-quality nylon. Ball bearing version made of polypropylene. Shock and impact-resistant, corrosion-resistant, colour black.
Detailed description: Page 92 and 30.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake								
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	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 bearing	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 bearing	98	43	11	28
LRA-VPA 75K	BRA-VPA 75K	LRA-VPA 75K-FI	75	25	60	Ball bearing	98	43	11	28
LRA-VPA 100G		LRA-VPA 100G-FI	100	25	70	Plain bearing	121	43	11	33
LRA-VPA 100K		LRA-VPA 100K-FI	100	25	70	Ball bearing	121	43	11	33

Variants / Accessories



	Antistatic version, black tyre	With pressed steel thread guard, zinc-plated	With threaded pin M10 x 30	With plug-in pin 11 x 30.5	Synthetic castor sockets for round tubes	With metal expander fitting
Technical description page	30	79	74	75	75	75
Ref. No. extension	-EL	-FA	-GS10	-ES	See below	See below
Available for wheel Ø [mm]	All ball bearing versions	All except ...50K	All swivel castors	All swivel castors	All swivel castors with plug-in pin	All swivel castors

Metal expander fitting

Internal tube dim. round tube [mm]	Internal tube dim. square tube [mm]	Ref. No. extension
16,5 - 19,0	17,0 - 19,0	-E01
19,0 - 25,0	18,0 - 21,0	-E02
24,5 - 30,5	20,5 - 25,0	-E03
29,5 - 35,5	24,5 - 29,0	-E04
35,0 - 40,5	28,5 - 32,0	-E05
39,0 - 45,0	34,0 - 38,5	-E07

Synthetic castor socket

Ref. No.	Internal tube dim. round tube [mm]	Flange dimension Ø x height [mm]	Total length castor socket [mm]
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			

Series: LPA-VPA, BPA-VPA

Light duty swivel and fixed castors

40 - 70 kg



3

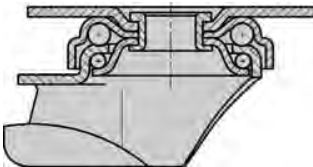
Further information on the Internet: www.blickle.de



Brackets: LPA/BPA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Top plate drawings: Page 70.
Detailed description: Page 59 and 76.

Wheels: VPA Series - Tyres: Solid rubber, colour grey, non-marking, 80° shore A.
Rims: Plain bearing version made of high-quality nylon. Ball bearing version made of polypropylene. Shock and impact-resistant, corrosion-resistant, colour black.
Detailed description: Page 92 and 30.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LPA-VPA 50G	BPA-VPA 50G	LPA-VPA 50G-FI	50	18	40	Plain bearing	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 bearing	100	60 x 60	38x38/48x48	6,2	28
LPA-VPA 75K	BPA-VPA 75K	LPA-VPA 75K-FI	75	25	60	Ball bearing	100	60 x 60	38x38/48x48	6,2	28
LPA-VPA 100G		LPA-VPA 100G-FI	100	25	70	Plain bearing	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



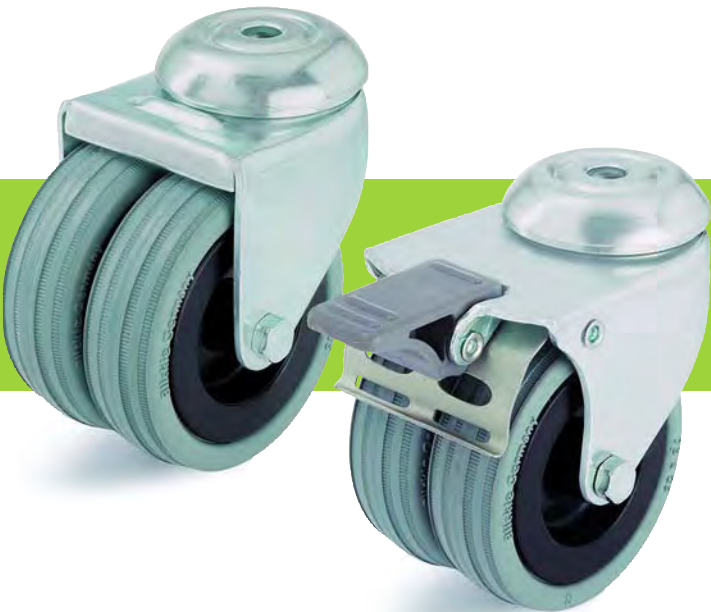
Variants / Accessories

	Antistatic version, black tyre	With pressed steel thread guard, zinc-plated
Technical description page	30	79
Ref. No. extension	-EL	-FA
Available for wheel Ø [mm]	All ball bearing versions	All except ...50K

Series: LMDA-VPA

Light duty twin wheel swivel castors with bolt hole fitting

70 - 100 kg



Brackets: LMDA Series - Pressed steel, with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Detailed description: Page 59 and 76.

Wheels: VPA Series - Tyres: Solid rubber, colour grey, non-marking, 80° shore A.
Rims: Plain bearing version made of high-quality nylon. Ball bearing version made of polypropylene. Shock and impact-resistant, corrosion-resistant, colour black.
Detailed description: Page 92 and 30.

Swivel castors	Swivel castors with “stop-fix” brake									
Ref. No.	Ref. No.	Wheel Ø	Tyre width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LMDA-VPA 50G	LMDA-VPA 50G-FI	50	2 x 18	70	Plain bearing	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 bearing	98	55	10,2	34	
LMDA-VPA 75K	LMDA-VPA 75K-FI	75	2 x 25	100	Ball bearing	98	55	10,2	34	



Variants / Accessories

	Antistatic version, black tyre
Technical description page	30
Ref. No. extension	-EL
Available for wheel Ø [mm]	All ball bearing versions

Series: LDA-VPA
Light duty twin wheel swivel castors

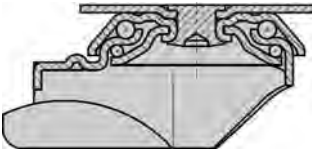
 70 - 100 kg



Brackets: LDA Series - Pressed steel, with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Top plate drawings: Page 70.
Detailed description: Page 60 and 76.

Wheels: VPA Series - Tyres: Solid rubber, colour grey, non-marking, 80° shore A.
Rims: Plain bearing version made of high-quality nylon. Ball bearing version made of polypropylene. Shock and impact-resistant, corrosion-resistant, colour black.
Detailed description: Page 92 and 30.

Swivel castors	Swivel castors with “stop-fix” brake										
Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	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 bearing	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 bearing	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	




Variants / Accessories

	Antistatic version, black tyre
Technical description page	30
Ref. No. extension	-EL
Available for wheel Ø [mm]	All ball bearing versions

Series: LKRA-VPA, BKRA-VPA, wheel Ø 80 - 100 mm

Light duty swivel and fixed castors with bolt hole fitting, heavy brackets

 60 - 90 kg



Brackets: LKRA/BKRA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, bolted wheel axle, zinc-plated.
Detailed description: Page 60 and 76.

Wheels: VPA Series - Tyres: Solid rubber, colour grey, non-marking, 80° shore A.
Rims: Plain bearing version made of high-quality nylon. Ball bearing version made of polypropylene. Shock and impact-resistant, corrosion-resistant, colour black.
Detailed description: Page 92 and 30.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø	Tyre width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset swivel castor
Ref. No.	Ref. No.	Ref. No.	[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]
LKRA-VPA 80G	BKRA-VPA 80G	LKRA-VPA 80G-FI	80	25	60	Plain bearing	108	57	13	40
LKRA-VPA 80G-11		LKRA-VPA 80G-11-FI	80	25	60	Plain bearing	108	57	11	40
LKRA-VPA 80K	BKRA-VPA 80K	LKRA-VPA 80K-FI	80	25	60	Ball bearing	108	57	13	40
LKRA-VPA 80K-11		LKRA-VPA 80K-11-FI	80	25	60	Ball bearing	108	57	11	40
LKRA-VPA 101G	BKRA-VPA 101G	LKRA-VPA 101G-FI	100	32	90	Plain bearing	133	57	13	40
LKRA-VPA 101G-11		LKRA-VPA 101G-11-FI	100	32	90	Plain bearing	133	57	11	40
LKRA-VPA 101K	BKRA-VPA 101K	LKRA-VPA 101K-FI	100	32	90	Ball bearing	133	57	13	40
LKRA-VPA 101K-11		LKRA-VPA 101K-11-FI	100	32	90	Ball bearing	133	57	11	40

For further wheel Ø, refer to the following page.

Variants / Accessories




	Antistatic version, black tyre	With pressed steel thread guard, zinc-plated	With electrostatic powder coating	With threaded pin M12 x 30	With metal expander fitting
Technical description page	30	79		74	75
Ref. No. extension	-EL	-FA		-GS12	See below
Available for wheel Ø [mm]	All ball bearing versions	All sizes	Upon request	All swivel castors	All with bolt hole Ø 11 mm

Metal expander fitting

Internal tube dim. round tube [mm]	Internal tube dim. square tube [mm]	Ref. No. extension
16,5 - 19,0	17,0 - 19,0	-E11
19,0 - 25,0	18,0 - 21,0	-E12
24,5 - 30,5	20,5 - 25,0	-E13
29,5 - 35,5	24,5 - 29,0	-E14
35,0 - 40,5	28,5 - 32,0	-E15
39,0 - 45,0	34,0 - 38,5	-E17

Series: LKRA-VPA, BKRA-VPA, wheel Ø 125 - 150 mm

Light duty swivel and fixed castors with bolt hole fitting, heavy brackets

 80 - 110 kg



Further information on the Internet: www.blickle.de

3



Brackets: LKRA/BKRA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, bolted wheel axle, zinc-plated.
Detailed description: Page 60 and 76.

Wheels: VPA Series - Tyres: Solid rubber, colour grey, non-marking, 80° shore A.
Rims: Plain bearing version made of high-quality nylon. Ball bearing version made of polypropylene. Shock and impact-resistant, corrosion-resistant, colour black.
Detailed description: Page 92 and 30.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake								
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	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	80	Plain bearing	158	57	13	40
LKRA-VPA 125G-11		LKRA-VPA 125G-11-FI	125	25	80	Plain bearing	158	57	11	40
LKRA-VPA 125K	BKRA-VPA 125K	LKRA-VPA 125K-FI	125	25	80	Ball bearing	158	57	13	40
LKRA-VPA 125K-11		LKRA-VPA 125K-11-FI	125	25	80	Ball bearing	158	57	11	40
LKRA-VPA 126G	BKRA-VPA 126G	LKRA-VPA 126G-FI	125	32	100	Plain bearing	158	57	13	40
LKRA-VPA 126G-11		LKRA-VPA 126G-11-FI	125	32	100	Plain bearing	158	57	11	40
LKRA-VPA 126K	BKRA-VPA 126K	LKRA-VPA 126K-FI	125	32	100	Ball bearing	158	57	13	40
LKRA-VPA 126K-11		LKRA-VPA 126K-11-FI	125	32	100	Ball bearing	158	57	11	40
LKRA-VPA 150G	BKRA-VPA 150G	LKRA-VPA 150G-FI	150	32	110	Plain bearing	182	57	13	40
LKRA-VPA 150G-11		LKRA-VPA 150G-11-FI	150	32	110	Plain bearing	182	57	11	40
LKRA-VPA 150K	BKRA-VPA 150K	LKRA-VPA 150K-FI	150	32	110	Ball bearing	182	57	13	40
LKRA-VPA 150K-11		LKRA-VPA 150K-11-FI	150	32	110	Ball bearing	182	57	11	40

Variants / Accessories



	Antistatic version, black tyre	With pressed steel thread guard, zinc-plated	With electrostatic powder coating	With threaded pin M12 x 30	With metal expander fitting
Technical description page	30	79		74	75
Ref. No. extension	-EL	-FA		-GS12	See below
Available for wheel Ø [mm]	All ball bearing versions	All sizes	Upon request	All swivel castors	All with bolt hole Ø 11 mm

Metal expander fitting

Internal tube dim. round tube [mm]	Internal tube dim. square tube [mm]	Ref. No. extension
16,5 - 19,0	17,0 - 19,0	-E11
19,0 - 25,0	18,0 - 21,0	-E12
24,5 - 30,5	20,5 - 25,0	-E13
29,5 - 35,5	24,5 - 29,0	-E14
35,0 - 40,5	28,5 - 32,0	-E15
39,0 - 45,0	34,0 - 38,5	-E17

Castors+Wheels

Series: LKPA-VPA, BKPA-VPA

Light duty swivel and fixed castors, heavy brackets

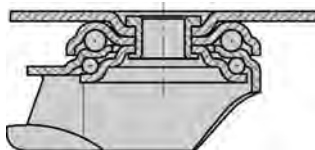
60 - 110 kg



Brackets: LKPA/BKPA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, bolted wheel axle, zinc-plated.
Top plate drawings: Page 70.
Detailed description: Page 60 and 76.

Wheels: VPA Series - Tyres: Solid rubber, colour grey, non-marking, 80° shore A.
Rims: Plain bearing version made of high-quality nylon. Ball bearing version made of polypropylene. Shock and impact-resistant, corrosion-resistant, colour black.
Detailed description: Page 92 and 30.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LKPA-VPA 80G	BKPA-VPA 80G	LKPA-VPA 80G-FI	80	25	60	Plain bearing	111	90 x 66	75x45/61x51	8,5	40
LKPA-VPA 80K	BKPA-VPA 80K	LKPA-VPA 80K-FI	80	25	60	Ball bearing	111	90 x 66	75x45/61x51	8,5	40
LKPA-VPA 101G	BKPA-VPA 101G	LKPA-VPA 101G-FI	100	32	90	Plain bearing	136	90 x 66	75x45/61x51	8,5	40
LKPA-VPA 101K	BKPA-VPA 101K	LKPA-VPA 101K-FI	100	32	90	Ball bearing	136	90 x 66	75x45/61x51	8,5	40
LKPA-VPA 125G	BKPA-VPA 125G	LKPA-VPA 125G-FI	125	25	80	Plain bearing	161	90 x 66	75x45/61x51	8,5	40
LKPA-VPA 125K	BKPA-VPA 125K	LKPA-VPA 125K-FI	125	25	80	Ball bearing	161	90 x 66	75x45/61x51	8,5	40
LKPA-VPA 126G	BKPA-VPA 126G	LKPA-VPA 126G-FI	125	32	100	Plain bearing	161	90 x 66	75x45/61x51	8,5	40
LKPA-VPA 126K	BKPA-VPA 126K	LKPA-VPA 126K-FI	125	32	100	Ball bearing	161	90 x 66	75x45/61x51	8,5	40
LKPA-VPA 150G	BKPA-VPA 150G	LKPA-VPA 150G-FI	150	32	110	Plain bearing	185	90 x 66	75x45/61x51	8,5	40
LKPA-VPA 150K	BKPA-VPA 150K	LKPA-VPA 150K-FI	150	32	110	Ball bearing	185	90 x 66	75x45/61x51	8,5	40



Variants / Accessories

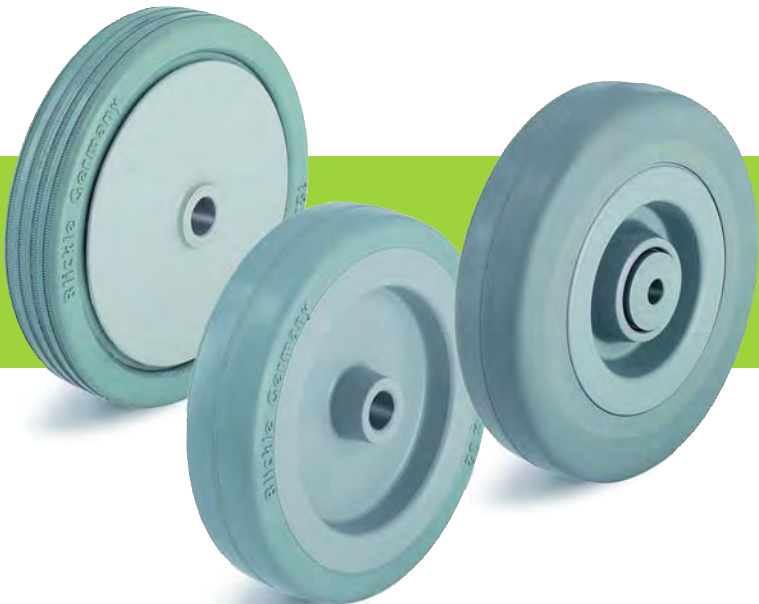


	Antistatic version, black tyre	With pressed steel thread guard, zinc-plated	With electrostatic powder coating
Technical description page	30	79	
Ref. No. extension	-EL	-FA	
Available for wheel Ø [mm]	All ball bearing versions	All sizes	Upon request

Series: VMA

Wheels with solid rubber tyres,
synthetic rim

75 - 125 kg



VMA 125/12G



VMA 126/12G



VMA 127/8K



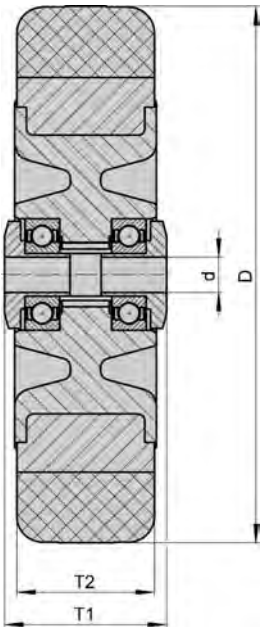
Tyres: Type VMA 125 and VMA 126: Solid rubber tyres, colour grey, non-marking, 80° shore A.
Type VMA 127: Two-component solid rubber tyres, colour grey, non-marking, 70° shore A, low starting and rolling resistance, high operational comfort.

Rims: Made of high-quality nylon, colour grey.
Type VMA 125: Smooth design for dirt resistance, plain bearing.
Type VMA 126: Injection-moulded rim, plain bearing. This wheel is particularly suitable for wet applications.
Type VMA 127: Injection-moulded rim, ball bearing, splash-proof. This wheel is particularly suitable for wet applications.
Particularly suitable for medical-technical applications.

Detailed description: Page 31.

Wheels

Ref. No.	Wheel Ø	Tyre width	Load capacity	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
	(D) [mm]	(T2) [mm]				
VMA 125/12G	125	25	75	Plain bearing	12	36
VMA 126/12G	125	32	110	Plain bearing	12	35
VMA 127/8K	125	33	125	Ball bearing	8	38



Series: LKRA-VMA, BKRA-VMA

Light duty swivel and fixed castors
with bolt hole fitting,
heavy brackets

75 - 120 kg

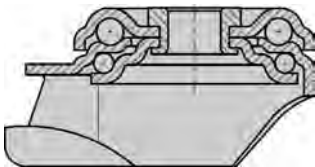


Brackets: LKRA/BKRA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, bolted wheel axle, zinc-plated.
Detailed description: Page 60 and 76.

Wheels: Tyres: Type VMA 125 and VMA 126: Solid rubber tyres, colour grey, non-marking, 80° shore A. Type VMA 127: Two-component solid rubber tyre, colour grey, non-marking, 70° shore A, low starting and rolling resistance, high operational comfort. Rims: Made of high-quality nylon, colour grey, plain or ball bearing.
Particularly suitable for medical-technical applications.

Detailed description: Page 100 and 31.

Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	applications.									
			Detailed description: Page 100 and 31.									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø	Tyre width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset		
			[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	swvl castor [mm]		
LKRA-VMA 125G	BKRA-VMA 125G	LKRA-VMA 125G-FI	125	25	75	Plain bearing	158	57	13	40		
LKRA-VMA 125G-11		LKRA-VMA 125G-11-FI	125	25	75	Plain bearing	158	57	11	40		
LKRA-VMA 126G	BKRA-VMA 126G	LKRA-VMA 126G-FI	125	32	110	Plain bearing	158	57	13	40		
LKRA-VMA 126G-11		LKRA-VMA 126G-11-FI	125	32	110	Plain bearing	158	57	11	40		
LKRA-VMA 127K	BKRA-VMA 127K	LKRA-VMA 127K-FI	125	33	120	Ball bearing	158	57	13	40		
LKRA-VMA 127K-11		LKRA-VMA 127K-11-FI	125	33	120	Ball bearing	158	57	11	40		



Wheels + Castors

Series: PTH

Wheels with polyurethane tread,
nylon wheel centre

125 - 180 kg



Treads: Made of injection-moulded polyurethane, colour grey, non-marking, 98° shore A, abrasion-resistant, non-staining, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre.

Wheel centres: Made of high-quality nylon, colour light grey, shock and impact-resistant, corrosion-resistant, plain or ball bearing.

Detailed description: Page 32.

Wheels

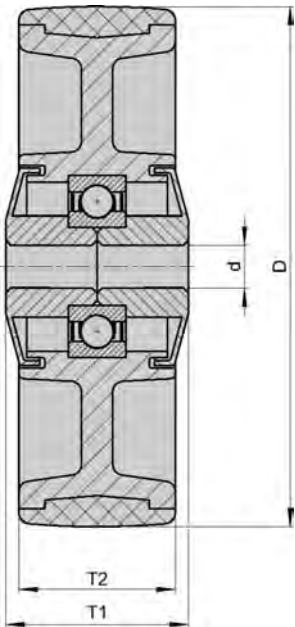
Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PTH 80/12G	80	30	125	Plain bearing	12	35
PTH 101/12G	100	30	150	Plain bearing	12	35
PTH 101/8K	100	30	150	Ball bearing	8	36
PTH 126/12G	125	30	180	Plain bearing	12	35
PTH 126/8K	125	30	180	Ball bearing	8	36

Variants / Accessories



Antistatic version,
non-marking grey

Technical description page	32
Ref. No. extension	-ELS
Available for wheel Ø [mm]	Upon request



Series: LKRA-PTH, BKRA-PTH

Light duty swivel and fixed castors with bolt hole fitting, heavy brackets

 120 kg



Brackets: LKRA/BKRA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, bolted wheel axle, zinc-plated.
Detailed description: Page 60 and 76.

Wheels: PTH Series - Treads: Made of injection-moulded polyurethane, colour grey, non-marking, 98° shore A, abrasion-resistant, non-staining, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre.
Wheel centres: Made of high-quality nylon, colour light grey, shock and impact-resistant, corrosion-resistant, plain or ball bearing.
Detailed description: Page 102 and 32.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake								
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKRA-PTH 80G	BKRA-PTH 80G	LKRA-PTH 80G-FI	80	30	120	Plain bearing	108	57	13	40
LKRA-PTH 80G-11		LKRA-PTH 80G-11-FI	80	30	120	Plain bearing	108	57	11	40
LKRA-PTH 101G	BKRA-PTH 101G	LKRA-PTH 101G-FI	100	30	120	Plain bearing	133	57	13	40
LKRA-PTH 101G-11		LKRA-PTH 101G-11-FI	100	30	120	Plain bearing	133	57	11	40
LKRA-PTH 101K	BKRA-PTH 101K	LKRA-PTH 101K-FI	100	30	120	Ball bearing	133	57	13	40
LKRA-PTH 101K-11		LKRA-PTH 101K-11-FI	100	30	120	Ball bearing	133	57	11	40
LKRA-PTH 126G	BKRA-PTH 126G	LKRA-PTH 126G-FI	125	30	120	Plain bearing	158	57	13	40
LKRA-PTH 126G-11		LKRA-PTH 126G-11-FI	125	30	120	Plain bearing	158	57	11	40
LKRA-PTH 126K	BKRA-PTH 126K	LKRA-PTH 126K-FI	125	30	120	Ball bearing	158	57	13	40
LKRA-PTH 126K-11		LKRA-PTH 126K-11-FI	125	30	120	Ball bearing	158	57	11	40

Variants / Accessories



	Antistatic version, non-marking grey	With pressed steel thread guard, zinc-plated	With threaded pin M12 x 30	With metal expander fitting
Technical description page	32	79	74	75
Ref. No. extension	-ELS	-FA	-GS12	See below
Available for wheel Ø [mm]	Upon request	All sizes	All swivel castors	All with bolt hole Ø 11 mm

Metal expander fitting

Internal tube dim. round tube [mm]	Internal tube dim. square tube [mm]	Ref. No. extension
16,5 - 19,0	17,0 - 19,0	-E11
19,0 - 25,0	18,0 - 21,0	-E12
24,5 - 30,5	20,5 - 25,0	-E13
29,5 - 35,5	24,5 - 29,0	-E14
35,0 - 40,5	28,5 - 32,0	-E15
39,0 - 45,0	34,0 - 38,5	-E17

Series: LKPA-PTH, BKPA-PTH

Light duty swivel and fixed castors, heavy brackets

 120 kg



Further information on the Internet: www.blickle.de

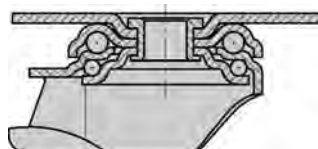
3



Brackets: LKPA/BKPA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, bolted wheel axle, zinc-plated.
Top plate drawings: Page 70.
Detailed description: Page 60 and 76.

Wheels: PTH Series - Treads: Made of injection-moulded polyurethane, colour grey, non-marking, 98° shore A, abrasion-resistant, non-staining, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre.
Wheel centres: Made of high-quality nylon, colour light grey, shock and impact-resistant, corrosion-resistant, plain or ball bearing.
Detailed description: Page 102 and 32.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKPA-PTH 80G	BKPA-PTH 80G	LKPA-PTH 80G-FI	80	30	120	Plain bearing	111	90 x 66	75x45/61x51	8,5	40
LKPA-PTH 101G	BKPA-PTH 101G	LKPA-PTH 101G-FI	100	30	120	Plain bearing	136	90 x 66	75x45/61x51	8,5	40
LKPA-PTH 101K	BKPA-PTH 101K	LKPA-PTH 101K-FI	100	30	120	Ball bearing	136	90 x 66	75x45/61x51	8,5	40
LKPA-PTH 126G	BKPA-PTH 126G	LKPA-PTH 126G-FI	125	30	120	Plain bearing	161	90 x 66	75x45/61x51	8,5	40
LKPA-PTH 126K	BKPA-PTH 126K	LKPA-PTH 126K-FI	125	30	120	Ball bearing	161	90 x 66	75x45/61x51	8,5	40



Variants / Accessories



	Antistatic version, non-marking grey	With pressed steel thread guard, zinc-plated
Technical description page	32	79
Ref. No. extension	-ELS	-FA
Available for wheel Ø [mm]	Upon request	All sizes

Series: LRA-VSTH
Light duty swivel castor
with bolt hole fitting

 100 kg

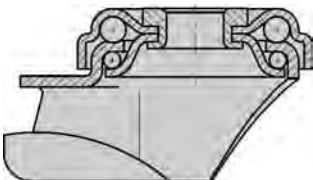


Brackets: LRA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Detailed description: Page 59.

Wheels: VSTH Series - Treads: Made of Bickie Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance. Very good chemical connection with the wheel centre. Wheel centre: Made of steel, ball bearing.
Detailed description: Page 53.

Swivel castor

Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LRA-VSTH 35K	35	27	100	Ball bearing	50	43	11	15



Series: LPA-VSTH

Light duty swivel castors

100 kg

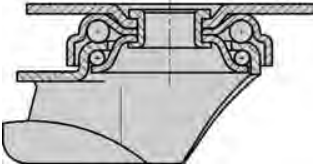


Brackets: LPA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Top plate drawings: Page 70.
Detailed description: Page 59.


Wheels: VSTH Series - Treads: Made of Bickie Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance. Very good chemical connection with the wheel centre. Wheel centre: Made of steel, ball bearing.
Detailed description: Page 53.

Swivel castor

Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	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



Series: POA
Nylon wheels

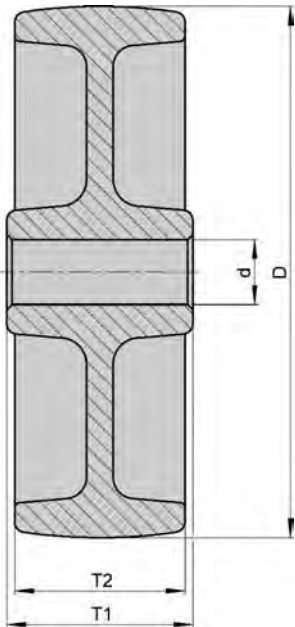
 75 - 180 kg



Made of high-quality nylon, colour black, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.
Detailed description: Page 32.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POA 35/8G	35	25	75	Plain bearing	8	29,5
POA 50/8G	50	18	75	Plain bearing	8	22
POA 58/10G	58	29	80	Plain bearing	10	31
POA 65/10G	65	30	100	Plain bearing	10	33
POA 75/8G	75	23	90	Plain bearing	8	29,5
POA 80/12G	80	33	180	Plain bearing	12	35
POA 100/12G	100	32	180	Plain bearing	12	35
POA 100/8K	100	30	180	Ball bearing	8	36
POA 125/12G	125	32	180	Plain bearing	12	35
POA 125/8K	125	30	180	Ball bearing	8	36
POA 150/12G	150	32	180	Plain bearing	12	35



Series: LRA-POA

Light duty swivel castors with bolt hole fitting

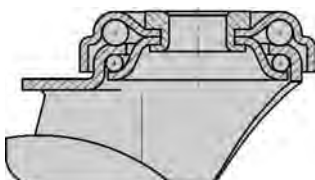
 75 kg



Brackets: LRA Series - Pressed steel, with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Detailed description: Page 59 and 76.

Wheels: POA Series - Made of high-quality nylon, colour black, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain bearing.
Detailed description: Page 107 and 32.

Swivel castors	Swivel castors with "stop-fix" brake								
Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LRA-POA 35G		35	25	75	Plain bearing	50	43	11	15
LRA-POA 50G	LRA-POA 50G-FI	50	18	75	Plain bearing	69	43	11	25
LRA-POA 75G	LRA-POA 75G-FI	75	23	75	Plain bearing	98	43	11	28



Variants / Accessories

	With threaded pin M10 x 30	With plug-in pin 11 x 30,5	Synthetic castor sockets for round tubes	With metal expander fitting
Technical description page	74	75	75	75
Ref. No. extension	-GS10	-ES	See below	See below
Available for wheel Ø [mm]	All sizes	All sizes	All swivel castors with plug-in pin	All sizes

Metal expander fitting

Internal tube dim. round tube [mm]	Internal tube dim. square tube [mm]	Ref. No. extension
16,5 - 19,0	17,0 - 19,0	-E01
19,0 - 25,0	18,0 - 21,0	-E02
24,5 - 30,5	20,5 - 25,0	-E03
29,5 - 35,5	24,5 - 29,0	-E04
35,0 - 40,5	28,5 - 32,0	-E05
39,0 - 45,0	34,0 - 38,5	-E07

Synthetic castor socket

Ref. No.	Internal tube dim. round tube [mm]	Flange dimension Ø x height [mm]	Total length castor socket [mm]
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			

Series: LPA-POA, BPA-POA

Light duty swivel and fixed castors

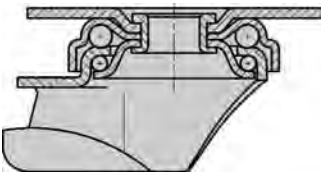
75 kg



Brackets: LPA/BPA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Top plate drawings: Page 70.
Detailed description: Page 59 and 76.

Wheels: POA Series - Made of high-quality nylon, colour black, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain bearing.
Detailed description: Page 107 and 32.

Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake											
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]		
LPA-POA 35G			35	25	75	Plain bearing	52	60 x 60	38x38/48x48	6,2	15		
LPA-POA 50G	BPA-POA 50G	LPA-POA 50G-FI	50	18	75	Plain bearing	71	60 x 60	38x38/48x48	6,2	25		
LPA-POA 75G	BPA-POA 75G	LPA-POA 75G-FI	75	23	75	Plain bearing	100	60 x 60	38x38/48x48	6,2	28		



Series: LMDA-POA

Light duty double swivel castors
with bolt hole fitting

80 - 100 kg



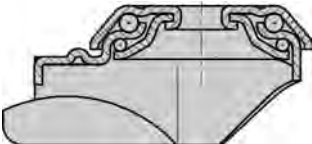
Brackets: LMDA Series - Pressed steel, with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.

Detailed description: Page 59 and 76.

Wheels: POA Series - Made of high-quality nylon, colour black, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain bearing.

Detailed description: Page 107 and 32.

Swivel castors	Swivel castors with “stop-fix” brake									
Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LMDA-POA 50G	LMDA-POA 50G-FI	50	2 x 18	80	Plain bearing	71	41	10,2	31	
LMDA-POA 75G	LMDA-POA 75G-FI	75	2 x 23	100	Plain bearing	98	55	10,2	34	



Series: LDA-POA

Light duty double swivel castors

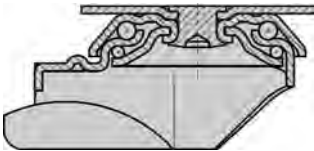
 80 - 100 kg



Brackets: LDA Series - Pressed steel, with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
 Top plate drawings: Page 70.
 Detailed description: Page 60 and 76.

Wheels: POA Series - Made of high-quality nylon, colour black, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain bearing.
 Detailed description: Page 107 and 32.

Swivel castors	Swivel castors with “stop-fix” brake											
Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate size	Bolt hole spacing	Bolt hole Ø	Offset		
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	
LDA-POA 50G	LDA-POA 50G-FI	50	2 x 18	80	Plain bearing	71	60 x 60	38x38/48x48	6,2	31		
LDA-POA 75G	LDA-POA 75G-FI	75	2 x 23	100	Plain bearing	101	60 x 60	40x40/46x46	6,2	34		



Series: LKRA-POA

Light duty swivel castors with bolt hole fitting, heavy brackets

110 - 120 kg



Brackets: LKRA Series - Pressed steel, with double ball bearing in the swivel head, strong central kingpin, bolted wheel axle, zinc-plated.

Detailed description: Page 60 and 76.

Wheels: POA Series - Made of high-quality nylon, colour black, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.

Detailed description: Page 107 and 32.

Swivel castors	Swivel castors with “stop-fix” brake									
Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LKRA-POA 80G	LKRA-POA 80G-FI	80	33	120	Plain bearing	108	57	13	40	
LKRA-POA 80G-11	LKRA-POA 80G-11-FI	80	33	120	Plain bearing	108	57	11	40	
LKRA-POA 100G	LKRA-POA 100G-FI	100	32	120	Plain bearing	133	57	13	40	
LKRA-POA 100G-11	LKRA-POA 100G-11-FI	100	32	120	Plain bearing	133	57	11	40	
LKRA-POA 100K	LKRA-POA 100K-FI	100	30	120	Ball bearing	133	57	13	40	
LKRA-POA 100K-11	LKRA-POA 100K-11-FI	100	30	120	Ball bearing	133	57	11	40	
LKRA-POA 125G	LKRA-POA 125G-FI	125	32	120	Plain bearing	158	57	13	40	
LKRA-POA 125G-11	LKRA-POA 125G-11-FI	125	32	120	Plain bearing	158	57	11	40	
LKRA-POA 125K	LKRA-POA 125K-FI	125	30	120	Ball bearing	158	57	13	40	
LKRA-POA 125K-11	LKRA-POA 125K-11-FI	125	30	120	Ball bearing	158	57	11	40	
LKRA-POA 150G	LKRA-POA 150G-FI	150	32	110	Plain bearing	182	57	13	40	
LKRA-POA 150G-11	LKRA-POA 150G-11-FI	150	32	110	Plain bearing	182	57	11	40	



Variants / Accessories

	With threaded pin M12 x 30	With metal expander fitting
Technical description page	74	75
Ref. No. extension	-GS12	See below
Available for wheel Ø [mm]	All sizes	All with bolt hole Ø 11 mm

Metal expander fitting

Internal tube dim. round tube [mm]	Internal tube dim. square tube [mm]	Ref. No. extension
16,5 - 19,0	17,0 - 19,0	-E11
19,0 - 25,0	18,0 - 21,0	-E12
24,5 - 30,5	20,5 - 25,0	-E13
29,5 - 35,5	24,5 - 29,0	-E14
35,0 - 40,5	28,5 - 32,0	-E15
39,0 - 45,0	34,0 - 38,5	-E17

Series: LKPA-POA, BKPA-POA

Light duty swivel and fixed castors, heavy brackets

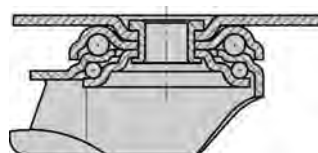
 110 - 120 kg



Brackets: LKPA/BKPA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, bolted wheel axle, zinc-plated.
Top plate drawings: Page 70.
Detailed description: Page 60 and 76.

Wheels: POA Series - Made of high-quality nylon, colour black, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.
Detailed description: Page 107 and 32.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKPA-POA 80G	BKPA-POA 80G	LKPA-POA 80G-FI	80	33	120	Plain bearing	111	90 x 66	75x45/61x51	8,5	40
LKPA-POA 100G	BKPA-POA 100G	LKPA-POA 100G-FI	100	32	120	Plain bearing	136	90 x 66	75x45/61x51	8,5	40
LKPA-POA 100K	BKPA-POA 100K	LKPA-POA 100K-FI	100	30	120	Ball bearing	136	90 x 66	75x45/61x51	8,5	40
LKPA-POA 125G	BKPA-POA 125G	LKPA-POA 125G-FI	125	32	120	Plain bearing	161	90 x 66	75x45/61x51	8,5	40
LKPA-POA 125K	BKPA-POA 125K	LKPA-POA 125K-FI	125	30	120	Ball bearing	161	90 x 66	75x45/61x51	8,5	40
LKPA-POA 150G	BKPA-POA 150G	LKPA-POA 150G-FI	150	32	110	Plain bearing	185	90 x 66	75x45/61x51	8,5	40



Series: HZ
Wooden wheels

40 - 90 kg



Made of high-quality beech wood, natural colour, transparent lacquer coating, plain bearing. As beech wood is a natural raw material, different grain pattern are possible.

For design applications in residential areas.

Detailed description: Page 32.

Wheels

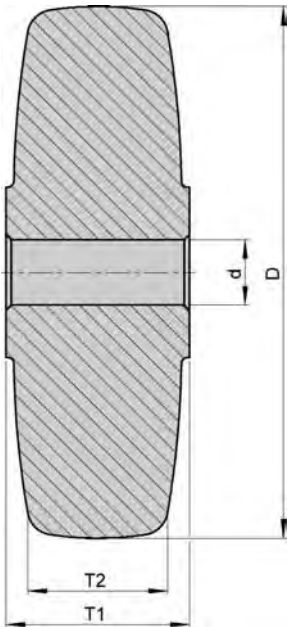
Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
HZ 50/8G	50	17	40	Plain bearing	8	22
HZ 75/8G	75	22	60	Plain bearing	8	30
HZ 80/12G	80	25	70	Plain bearing	12	35
HZ 100/12G	100	25	80	Plain bearing	12	35
HZ 125/12G	125	25	90	Plain bearing	12	35

Variants / Accessories




Wheel with rubber rings

Technical description page	32
Ref. No. extension	-GU
Available for wheel Ø [mm]	Upon request



Castors+Wheels

Series: LRA-HZ
Light duty swivel castors
with bolt hole fitting

 40 - 60 kg



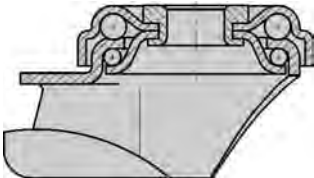
Brackets: LRA Series - Pressed steel, with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Detailed description: Page 59 and 76.

Wheels: HZ Series - Made of high-quality beech wood, natural colour, transparent lacquer coating, plain bearing. As beech wood is a natural raw material, different grain pattern are possible.

For design applications in residential areas.

Detailed description: Page 114 and 32.

Swivel castors	Swivel castors with “stop-fix” brake									
Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LRA-HZ 50G	LRA-HZ 50G-FI	50	17	40	Plain bearing	69	43	11	25	
LRA-HZ 75G	LRA-HZ 75G-FI	75	22	60	Plain bearing	98	43	11	28	



Variants / Accessories

	Wheel with rubber rings	With electrostatic powder coating
Technical description page	32	
Ref. No. extension	-GU	
Available for wheel Ø [mm]	Upon request	Upon request

Series: LPA-HZ, BPA-HZ

Light duty swivel and fixed castors

40 - 60 kg



3

Further information on the Internet: www.blickle.de



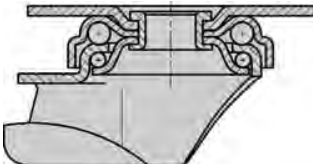
Brackets: LPA/BPA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, bolted wheel axle, zinc-plated.
Top plate drawings: Page 70.
Detailed description: Page 59 and 76.

Wheels: HZ Series - Made of high-quality beech wood, natural colour, transparent lacquer coating, plain bearing. As beech wood is a natural raw material, different grain pattern are possible.

For design applications in residential areas.

Detailed description: Page 114 and 32.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LPA-HZ 50G	BPA-HZ 50G	LPA-HZ 50G-FI	50	17	40	Plain bearing	71	60 x 60	38x38/48x48	6,2	25
LPA-HZ 75G	BPA-HZ 75G	LPA-HZ 75G-FI	75	22	60	Plain bearing	100	60 x 60	38x38/48x48	6,2	28



Variants / Accessories

	Wheel with rubber rings	With electrostatic powder coating
Technical description page	32	
Ref. No. extension	-GU	
Available for wheel Ø [mm]	Upon request	Upon request

Series: LKPA-HZ,BKPA-HZ

Light duty swivel and fixed castors, heavy brackets

 70 - 90 kg



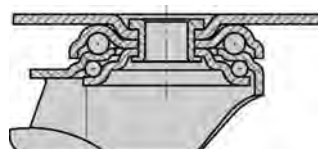
Brackets: LKPA/BKPA Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, bolted wheel axle, zinc-plated.
Top plate drawings: Page 70.
Detailed description: Page 60 and 76.

Wheels: HZ Series - Made of high-quality beech wood, natural colour, transparent lacquer coating, plain bearing. As beech wood is a natural raw material, different grain pattern are possible.

For design applications in residential areas.

Detailed description: Page 114 and 32.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LKPA-HZ 80G	BKPA-HZ 80G	LKPA-HZ 80G-FI	80	25	70	Plain bearing	111	90 x 66	75x45/61x51	8,5	40
LKPA-HZ 100G	BKPA-HZ 100G	LKPA-HZ 100G-FI	100	25	80	Plain bearing	136	90 x 66	75x45/61x51	8,5	40
LKPA-HZ 125G	BKPA-HZ 125G	LKPA-HZ 125G-FI	125	25	90	Plain bearing	161	90 x 66	75x45/61x51	8,5	40



Variants / Accessories



	Wheel with rubber rings	With electrostatic powder coating
Technical description page	32	
Ref. No. extension	-GU	
Available for wheel Ø [mm]	Upon request	Upon request

Contents: Section 4

Swivel bracket series									
		LKU	LKUE	LGDA					
4	Series Wheel Ø [mm] Load capacity [kg]	 LKU-TPA 100 - 200 mm 100 - 130 kg							
	Page	120							
	Series Wheel Ø [mm] Load capacity [kg]		 LKUE-TPA/PTH 100 - 200 mm 100 - 130 kg						
	Page		121						
	Series Wheel Ø [mm] Load capacity [kg]			 LGDA-PYA/PUA 100 mm 110 kg					
	Page			122					




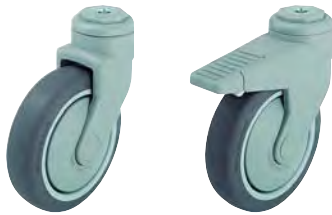
Synthetic and designer castors

Wheels + Castors

Series: LKU-TPA

Synthetic swivel castors

 100 - 130 kg



Brackets: LKU Series - Made of glass-fibre reinforced synthetic with double-sealed grooved ball bearing in the swivel head, internal thread M12 in the bolt hole. Elegant, shapely design. Colour light grey. Detailed description: Page 61.

Wheels: TPA Series - Treads: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A. Wheel centres: Made of polypropylene, colour light grey, ball bearing and thread guard. Detailed description: Page 84 and 30.

Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø	Wheel width	Load capacity	Bearing version	Total width	Bolt hole Ø	Offset
Ref. No.	Ref. No.	[mm]	[mm]	[kg]		[mm]	[mm]	[mm]
LKU-TPA 101K	LKU-TPA 101K-FI	100	32	100	Ball bearing	145	M12	38
LKU-TPA 126K	LKU-TPA 126K-FI	125	32	110	Ball bearing	165	M12	47
LKU-TPA 150K	LKU-TPA 150K-FI	150	32	130	Ball bearing	195	M12	49
LKU-TPA 200K	LKU-TPA 200K-FI	200	32	130	Ball bearing	251	M12	67

Variants / Accessories



	With directional lock, combined with wheel brake	Bolt hole with M12 bolt, protruding 25 mm	With threaded pin M10 x 20 or M12 x 20	With aluminium expander fitting	With synthetic expander fitting	Steel plug-in stem	With plate fitting
Technical description page	61	61	74	75	75	74	70
Ref. No. extension	-RI-FI	-SC1225	-GS10 / -GS12	See below	See below	See below	See below
Available for wheel Ø [mm]	125	All sizes	All sizes	All sizes	All sizes	All sizes	All sizes

Aluminium expander fitting

Internal tube diameter [mm]	Ref. No. extension
Ø 17 - 18,5	-EA1
Ø 19 - 21,5	-EA2
Ø 22 - 23,5	-EA3
Ø 24 - 27,5	-EA4
Ø 28 - 32,0	-EA5
□ 20 - 22,0	-EAQ

Synthetic expander fitting

Internal tube dim. round tube [mm]	Ref. No. extension
Ø 19 - 20	-EK2
Ø 20 - 22	-EK3
Ø 22 - 24	-EK4
Ø 25 - 26	-EK5

With steel plug-in stem

Dimensions [mm]	Ref. No. extension
Ø 18,0 x 62	-ZA51
Ø 19,0 x 45	-ZA52
Ø 20,5 x 45	-ZA53
Ø 21,5 x 45	-ZA54
Ø 22,0 x 45	-ZA55
Ø 25,5 x 45	-ZA57
Ø 27,5 x 45	-ZA58

Plate fitting (total height + 10 mm)

	Dimensions [mm]	Ref. No. extension
Plate dimensions	78 x 68	-P51
Hole spacing	61 x 51 / 50 x 42	
Hole-Ø	8,5	
Plate dimensions	80 x 80	-P52
Hole spacing	60 x 60 / 50 x 60	
Hole-Ø	8,5	
Plate dimensions	90 x 70	-P53
Hole spacing	75 x 45 / 70 x 50	
Hole-Ø	8,5	

Series: LKUE-TPA, LKUE-PTH

Synthetic swivel castors, antistatic

 100 - 130 kg



Brackets: LKUE Series - Made of glass-fibre reinforced synthetic with double-sealed grooved ball bearing in the swivel head, internal thread M12 in the bolt hole. Elegant, shapely design, antistatic. Colour light grey. Detailed description: Page 61.

Wheels: Treads: TPA series: Made of thermoplastic rubber, antistatic, colour grey, non-marking, 85° shore A, vulcanised, non-detachable connection.
PTH series: Made of injection-moulded polyurethane, antistatic, colour grey, non-marking, 98° shore A, abrasion-resistant, non-staining, low rolling resistance.
Wheel centres: TPA series: Made of polypropylene, antistatic, colour black, ball bearing and synthetic thread guard.
PTH series: Made of high-quality nylon, antistatic, colour grey, shock and impact-resistant, corrosion-resistant, ball bearing.
Detailed description: Page 30 and 32.

Swivel castors	Swivel castors with "stop-fix" brake							
Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total width [mm]	Bolt hole Ø [mm]	Offset [mm]
LKUE-TPA 101K-ELS	LKUE-TPA 101K-ELS-FI	100	32	100	Ball bearing	145	M12	38
LKUE-TPA 126K-ELS	LKUE-TPA 126K-ELS-FI	125	32	110	Ball bearing	165	M12	47
LKUE-PTH 150K-ELS	LKUE-PTH 150K-ELS-FI	150	32	130	Ball bearing	195	M12	49
LKUE-PTH 200K-ELS	LKUE-PTH 200K-ELS-FI	200	32	130	Ball bearing	251	M12	67

Variants / Accessories



	With directional lock, combined with wheel brake	Bolt hole with M12 bolt, protruding 25 mm	With threaded pin M10 x 20 or M12 x 20	With aluminium expander fitting	Steel plug-in stem	With plate fitting
Technical description page	61	61	74	75	74	70
Ref. No. extension	-RI-FI	-SC1225	-GS10 / -GS12	see below	see below	see below
Available for wheel Ø [mm]	Upon request	All sizes	All sizes	All sizes	All sizes	All sizes

Aluminium expander fitting

Internal tube diameter [mm]	Ref. No. extension
Ø 17 - 18,5	-EA1
Ø 19 - 21,5	-EA2
Ø 22 - 23,5	-EA3
Ø 24 - 27,5	-EA4
Ø 28 - 32,0	-EA5
□ 20 - 22,0	-EAQ

With steel plug-in stem

Dimensions [mm]	Ref. No. extension
Ø 18,0 x 62	-ZA51
Ø 19,0 x 45	-ZA52
Ø 20,5 x 45	-ZA53
Ø 21,5 x 45	-ZA54
Ø 22,0 x 45	-ZA55
Ø 25,5 x 45	-ZA57
Ø 27,5 x 45	-ZA58

Plate fitting (total height + 10 mm)

	Dimensions [mm]	Ref. No. extension
Plate dimensions Hole spacing Hole-Ø	78 x 68 61 x 51 / 50 x 42 8,5	-P51
Plate dimensions Hole spacing Hole-Ø	80 x 80 60 x 60 / 50 x 60 8,5	-P52
Plate dimensions Hole spacing Hole-Ø	90 x 70 75 x 45 / 70 x 50 8,5	-P53

Series: LGDA-PYA, LGDA-PUA

Designer swivel castors
made of zinc die-cast

 110 kg



Brackets: LGDA Series - Made of zinc die-cast with high-quality synthetic plain bearing in the swivel head, powder-coated - colour light grey.
Detailed description: Page 61.

Wheels: PYA series: Made of high-quality nylon, colour black. PUA series: With nylon wheel centre and polyurethane tread, colour grey, non-marking.
Wheel caps made of high-quality nylon, colour light grey.

Swivel castors	Swivel castors with "Radstop" wheel brake								
Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Total castor width [mm]	Load capacity [kg]	Bearing version	Total height with hexagon [mm]	Threaded pin	Offset [mm]
LGDA-PYA 100G	LGDA-PYA 100G-RA	100	2 x 19	61	110	Plain bearing	120	M12 x 15	33
LGDA-PUA 100G	LGDA-PUA 100G-RA	100	2 x 19	65	110	Plain bearing	120	M12 x 15	33



Variants / Accessories


















	Plate fitting 60 x 60 mm 40x40/46x46 mm	Antistatic version	With wheel cap in special colour	Bracket with special surface
Technical description page				
Ref. No. extension	-P23	-AS		
Available for wheel Ø [mm]	All sizes	All sizes	Upon request	Upon request

Contents: Section 5

Wheel series

Swivel bracket series (combined with the respective wheel series)

For matching fixed castors, refer to the corresponding catalogue pages.

			LE	LER	LEZ	L					
	VE										
	Series	VE	LE-VE	LER-VE	LEZ-VE						
	Wheel Ø [mm]	80 - 200 mm	80 - 200 mm	80 - 200 mm	80 - 200 mm						
	Load capacity [kg]	50 - 205 kg	50 - 205 kg	50 - 205 kg	50 - 205 kg						
	Page	126	127	128	129						
	V										
	Series	V				L-V					
	Wheel Ø [mm]	80 - 400 mm				80 - 280 mm					
	Load capacity [kg]	50 - 800 kg				50 - 385 kg					
	Page	130 - 131				132					
	VPP										
	Series	VPP	LE-VPP	LER-VPP	LEZ-VPP	L-VPP					
	Wheel Ø [mm]	80 - 400 mm	80 - 200 mm	80 - 200 mm	80 - 200 mm	80 - 250 mm					
	Load capacity [kg]	50 - 350 kg	50 - 205 kg	50 - 205 kg	50 - 205 kg	50 - 295 kg					
	Page	133 - 134	135	136	137	138					
	VPE										
	Series	VPE									
	Wheel Ø [mm]	146 - 260 mm									
	Load capacity [kg]	35 - 150 kg									
	Page	139									
	TPA/TPP										
	Series	TPA/TPP	LE-TPA/TPP	LER-TPA/TPP							
	Wheel Ø [mm]	80 - 200 mm	80 - 200 mm	80 - 200 mm							
	Load capacity [kg]	90 - 220 kg	90 - 220 kg	90 - 220 kg							
	Page	140	141	142							



**Wheels and castors
with standard solid rubber tyres and
thermoplastic rubber tread**

Series: VE

Wheels with standard solid rubber tyres,
pressed steel rim

50 - 205 kg



Tyres: Standard solid rubber, colour black, 80° shore A.
Rims: Pressed steel, roller bearing, zinc-plated.
Detailed description: Page 33.

Wheels

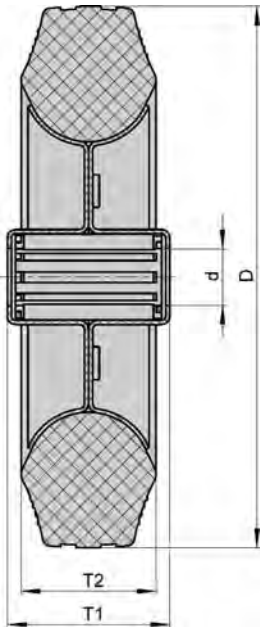
Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VE 80/12R	80	25	50	Roller bearing	12	35
VE 100/12R	100	30	70	Roller bearing	12	45
VE 125/12R	125	37,5	100	Roller bearing	12	45
VE 150/20R	150	40	135	Roller bearing	20	60
VE 160/20R	160	40	135	Roller bearing	20	60
VE 180/20R	180	50	170	Roller bearing	20	60
VE 200/20R	200	50	205	Roller bearing	20	60

For further wheel Ø, refer to the V wheel series on page 130 and 131.

Variants / Accessories




	With non-marking grey tyre	Antistatic version, black tyre
Technical description page	33	33
Ref. No. extension	-SG	-EL
Available for wheel Ø [mm]	All sizes	All sizes



Castors+Wheels

Series: LE-VE, BE-VE, B-VE

Pressed steel swivel and fixed castors

 50 - 205 kg



Brackets: LE/BE/B Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, with swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.

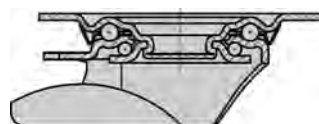
Detailed description: Page 62 and 76.

Wheels: VE Series - Tyres: Standard solid rubber, colour black, 80° shore A.

Rims: Pressed steel, roller bearing, zinc-plated.

Detailed description: Page 126 and 33.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
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	BE-VE 100R	LE-VE 100R-FI	100	30	70	Roller bearing	125	100 x 85	80 x 60	9	36
LE-VE 125R	BE-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



Variants / Accessories



	With non-marking grey tyre	Antistatic version, black tyre	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With directional lock (retro fit)* 1 x 360°
Technical description page	33	33	79	77	78
Ref. No. extension	-SG	-EL	-FA	-ST	RI-03.03
Available for wheel Ø [mm]	All sizes	All sizes	All sizes	150 - 200	150 - 200

* Only for swivel castors without brake.

Series: LER-VE

Pressed steel swivel castors
with bolt hole

50 - 205 kg



Brackets: LER Series - Pressed steel, with bolt hole, double ball bearing in the swivel head and strong central kingpin, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, bolted wheel axle, zinc-plated.

Detailed description: Page 62 and 76.

Wheels: VE Series - Tyres: Standard solid rubber, colour black, 80° shore A.
Rims: Pressed steel, roller bearing, zinc-plated.

Detailed description: Page 126 and 33.

Swivel castors	Swivel castors with "stop-fix" brake								
Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	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



Variants / Accessories

	With non-marking grey tyre	Antistatic version, black tyre	With pressed steel thread guard, zinc-plated
Technical description page	33	33	79
Ref. No. extension	-SG	-EL	-FA
Available for wheel Ø [mm]	All sizes	All sizes	All sizes

Castors+Wheels

Series: LEZ-VE

Pressed steel swivel castors with stem fitting

 50 - 205 kg



Brackets: LEZ Series - Pressed steel, with steel stems, double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, bolted wheel axle, zinc-plated.
Detailed description: Page 62 and 76.

Wheels: VE Series - Tyres: Standard solid rubber, colour black, 80° shore A.
Rims: Pressed steel, roller bearing, zinc-plated.
Detailed description: Page 126 and 33.

Swivel castors		Swivel castors with "stop-fix" brake								
Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	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	


Variants / Accessories



	With non-marking grey tyre	Antistatic version, black tyre	With pressed steel thread guard, zinc-plated
Technical description page	33	33	79
Ref. No. extension	-SG	-EL	-FA
Available for wheel Ø [mm]	All sizes	All sizes	All sizes

Series: V, wheel Ø 80-200 mm

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

 50 - 300 kg



Tyres: Standard solid rubber, colour black, 80° shore A.

Rims: Pressed steel, tubular steel hub, plain, roller or ball bearing, zinc-plated.

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

Wheels

Detailed description: Page 33.

Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	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 bearing	20	60
V 162/20R	160	40	135	Roller bearing	20	60
V 182/20G	180	50	170	Plain bearing	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 bearing	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 200/25K	200	50	205	Ball bearing	25	60
V 205/20R	200	65	225	Roller bearing	20	60

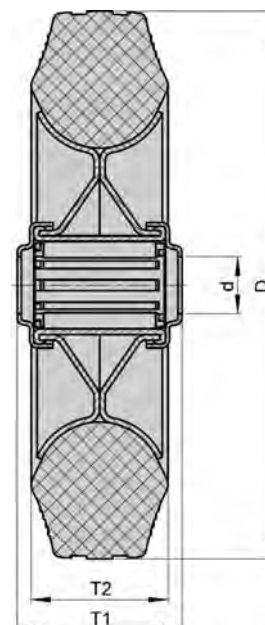
For further wheel Ø, refer to the following page.

Variants / Accessories



With non-marking grey tyre


Technical description page	33
Ref. No. extension	-SG
Available for wheel Ø [mm]	80-180x50, 200x50



Wheels + Castors

Series: V, wheel Ø 250-400 mm

Wheels with standard solid rubber tyres, pressed steel rim

 295 - 800 kg



Tyres: Standard solid rubber, colour black, 80° shore A.

Rims: Pressed steel, tubular steel hub, plain, roller or ball bearing, zinc-plated.

Detailed description: Page 33.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
V 252/25G	250	60	295	Plain bearing	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 (static load)	Plain bearing	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 (static load)	Plain bearing	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 bearing	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 402/25-90R	400	80	475	Roller bearing	25	90
V 402/30-90K	400	80	475	Ball bearing	30	90

Variants / Accessories

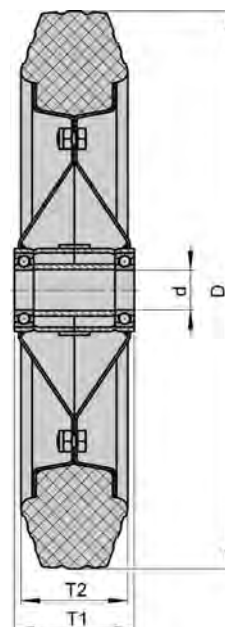


With non-marking grey tyre

Technical description page 33

Ref. No. extension -SG

Available for wheel Ø [mm] 250x60



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

Pressed steel swivel and fixed castors, medium duty brackets

 50 - 385 kg



Brackets: L/B/BH Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Bicklé procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 160-280 mm) and swivel head sealing (except for brackets with 175x175 mm plate), bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

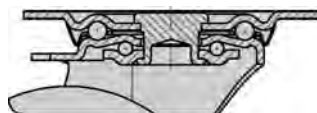
Wheels: V Series - Tyres: Standard solid rubber, colour black, 80° shore A.
Rims: Pressed steel, tubular steel hub, roller or ball bearing, zinc-plated.

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

Detailed description: Page 130, 131 and 33.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	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	B-V 252R	*	250	60	295	Roller bearing	295	175 x 175	140 x 140	15	70
			250	60	295	Roller bearing	295	220 x 120	190 x 75	15	
L-V 256K	B-V 256K	*	250	85	350	Ball bearing	295	175 x 175	140 x 140	15	70
			250	85	350	Ball bearing	295	220 x 120	190 x 75	15	
L-V 282R	B-V 282R	*	280	70	385	Roller bearing	318	175 x 175	140 x 140	15	78
			280	70	385	Roller bearing	318	220 x 120	190 x 75	15	

* For the "stop-top" brake version, refer to Variants / Accessories.



Variants / Accessories



	With non-marking grey tyre	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With directional lock (retro fit)** 1 x 360°
Technical description page	33	79	77	78
Ref. No. extension	-SG	-FA	-ST	RI-05.03
Available for wheel Ø [mm]	80 - 200x50, 250x60	80 - 200	All sizes	160-200x50

** Only for swivel castors without brake.

Series: VPP, wheel Ø 80 - 180

Wheels with standard solid rubber tyres, synthetic rim

 50 - 170 kg



Tyres: Standard solid rubber, colour black, 80° shore A or 90° shore A with wheel dimensions of 80x32 mm.

Rims: Made of polypropylene, shock and impact-resistant, corrosion-resistant, plain or roller bearing, colour black.

Detailed description: Page 34.

Wheels

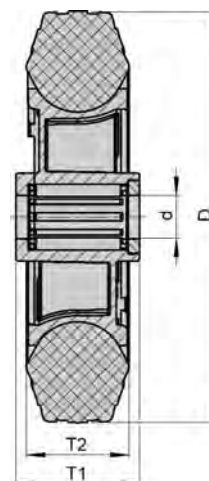
Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPP 80/12G	80	25	50	Plain bearing	12	35
VPP 80/12R	80	25	50	Roller bearing	12	35
VPP 82/12G	80	32	100	Plain bearing	12	35
VPP 100/12G	100	30	70	Plain bearing	12	45
VPP 100/15G	100	30	70	Plain bearing	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 bearing	12	45
VPP 125/15G	125	37,5	100	Plain bearing	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 bearing	15	45
VPP 140/15R	140	37,5	115	Roller bearing	15	45
VPP 150/20G	150	40	135	Plain bearing	20	60
VPP 150/20R	150	40	135	Roller bearing	20	60
VPP 160/20G	160	40	135	Plain bearing	20	60
VPP 160/20R	160	40	135	Roller bearing	20	60
VPP 180/20G	180	50	170	Plain bearing	20	60
VPP 180/20R	180	50	170	Roller bearing	20	60

For further wheel Ø, refer to the following page.

Variants / Accessories




	With non-marking grey tyre	With stainless steel roller bearing	STARLOCK® stainless steel cap
Technical description page	34	57	79
Ref. No. extension	-SG	-XR	ST-KA 12, 15, 20
Available for wheel Ø [mm]	All sizes	Upon request	All axle bore Ø



Series: VPP, wheel Ø 200 - 400

Wheels with standard solid rubber tyres, synthetic rim

 205 - 350 kg



Tyres: Standard solid rubber, colour black, 80° shore A.

Rims: Made of polypropylene, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing, colour black.

Detailed description: Page 34.

5

Further information on the Internet: www.blickle.de

Wheels

Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPP 200/20G	200	50	205	Plain bearing	20	60
VPP 200/25G	200	50	205	Plain bearing	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 bearing	20	60
VPP 250/20-74G	250	60	295	Plain bearing	20	74
VPP 250/25G	250	60	295	Plain bearing	25	65
VPP 250/25-74G	250	60	295	Plain bearing	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 bearing	25	65
VPP 254/25R	250	75	300	Roller bearing	25	65
VPP 256/20G	250	85	250	Plain bearing	20	75
VPP 256/20R	250	85	250	Roller bearing	20	75
VPP 300/25G	300	60	250	Plain bearing	25	60
VPP 355/25R	355	75	300	Roller bearing	25	75
VPP 400/25G	400	90	350	Plain bearing	25	75
VPP 400/25R	400	90	350	Roller bearing	25	75

Variants / Accessories



With non-marking grey tyre

With stainless steel roller bearing

STARLOCK® stainless steel cap

Technical description page

34

57

79

Ref. No. extension

-SG

-XR

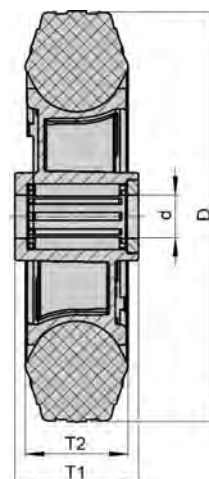
ST-KA 20, 25

Available for wheel Ø [mm]

200x50 + 250x60

Upon request

All axle bore Ø



Series: LE-VPP, BE-VPP, B-VPP

Pressed steel swivel and fixed castors

 50 - 205 kg



Brackets: LE/BE/B Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, with swivel head sealing, bolted wheel axle, zinc-plated.

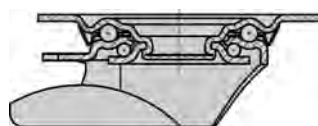
Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: VPP Series - Tyres: Standard solid rubber, colour black, 80° shore A or 90° shore A with wheel dimensions of 80x32 mm.

Rims: Made of polypropylene, shock and impact-resistant, corrosion-resistant, plain or roller bearing, colour black.

Detailed description: Page 133, 134 and 34.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LE-VPP 80G	B-VPP 80G	LE-VPP 80G-FI	80	25	50	Plain bearing	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 bearing	102	100 x 85	80 x 60	9	38
LE-VPP 100G	BE-VPP 100G	LE-VPP 100G-FI	100	30	70	Plain bearing	125	100 x 85	80 x 60	9	36
LE-VPP 100R	BE-VPP 100R	LE-VPP 100R-FI	100	30	70	Roller bearing	125	100 x 85	80 x 60	9	36
LE-VPP 125G	BE-VPP 125G	LE-VPP 125G-FI	125	37,5	100	Plain bearing	150	100 x 85	80 x 60	9	40
LE-VPP 125R	BE-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 bearing	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 bearing	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 bearing	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 bearing	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




Variants / Accessories



	With non-marking grey tyre	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With directional lock (retro fit)* 1 x 360°
Technical description page	34	79	77	78
Ref. No. extension	-SG	-FA	-ST	RI-03.03
Available for wheel Ø [mm]	All sizes	All sizes	150 - 200	150 - 200

* Only for swivel castors without brake.

Pressed steel swivel castors with bolt hole fitting

 50 - 205 kg



Detailed description: Page 62 and 76.

Rims: Made of polypropylene, shock and impact-resistant, corrosion-resistant, plain bearing, colour black.
Detailed description: Page 133, 134 and 34.

Swivel castors	Swivel castors with “stop-fix” brake								
Ref. No.	Ref. No.	Wheel Ø	Tyre width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]
LER-VPP 80G	LER-VPP 80G-FI	80	25	50	Plain bearing	102	70	13	38
LER-VPP 82G	LER-VPP 82G-FI	80	32	100	Plain bearing	102	70	13	38
LER-VPP 100G	LER-VPP 100G-FI	100	30	70	Plain bearing	125	70	13	36
LER-VPP 125G	LER-VPP 125G-FI	125	37,5	100	Plain bearing	150	70	13	40
LER-VPP 150G	LER-VPP 150G-FI	150	40	135	Plain bearing	190	88	13	54
LER-VPP 160G	LER-VPP 160G-FI	160	40	135	Plain bearing	195	88	13	54
LER-VPP 180G	LER-VPP 180G-FI	180	50	170	Plain bearing	215	88	13	54
LER-VPP 200G	LER-VPP 200G-FI	200	50	205	Plain bearing	235	88	13	54



Variants / Accessories

136

Series: LEZ-VPP

Pressed steel swivel castors with stem fitting

 50 - 205 kg



Brackets: LEZ Series - Pressed steel, with steel stems, with double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, bolted wheel axle, zinc-plated.

Detailed description: Page 62 and 76.

Wheels: VPP Series - Tyres: Standard solid rubber, colour black, 80° shore A or 90° shore A with wheel dimensions 80x32 mm.

Rims: Made of polypropylene, shock and impact-resistant, corrosion-resistant, plain bearing, colour black. Detailed description: Page 133, 134 and 34.

Swivel castors	Swivel castors with “stop-fix” brake								
Ref. No.	Ref. No.	Wheel Ø	Tyre width	Load capacity	Bearing version	Total height	Stem Ø	Stem length	Offset
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]
LEZ-VPP 80G	LEZ-VPP 80G-FI	80	25	50	Plain bearing	102	20	50	38
LEZ-VPP 82G	LEZ-VPP 82G-FI	80	32	100	Plain bearing	102	20	50	38
LEZ-VPP 100G	LEZ-VPP 100G-FI	100	30	70	Plain bearing	125	20	50	36
LEZ-VPP 125G	LEZ-VPP 125G-FI	125	37,5	100	Plain bearing	150	20	50	40
LEZ-VPP 150G-22	LEZ-VPP 150G-22-FI	150	40	135	Plain bearing	190	22	60	54
LEZ-VPP 150G-27	LEZ-VPP 150G-27-FI	150	40	135	Plain bearing	190	27	60	54
LEZ-VPP 160G-22	LEZ-VPP 160G-22-FI	160	40	135	Plain bearing	195	22	60	54
LEZ-VPP 160G-27	LEZ-VPP 160G-27-FI	160	40	135	Plain bearing	195	27	60	54
LEZ-VPP 180G-22	LEZ-VPP 180G-22-FI	180	50	170	Plain bearing	215	22	60	54
LEZ-VPP 180G-27	LEZ-VPP 180G-27-FI	180	50	170	Plain bearing	215	27	60	54
LEZ-VPP 200G-22	LEZ-VPP 200G-22-FI	200	50	205	Plain bearing	235	22	60	54
LEZ-VPP 200G-27	LEZ-VPP 200G-27-FI	200	50	205	Plain bearing	235	27	60	54

Variants / Accessories



	With non-marking grey tyre	With pressed steel thread guard, zinc-plated
Technical description page	34	79
Ref. No. extension	-SG	-FA
Available for wheel Ø [mm]	All sizes	All sizes

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

Pressed steel swivel and fixed castors, medium duty brackets

 50 - 295 kg



Brackets: L/B/BH Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 160-250 mm) and swivel head sealing (except for brackets with 175x175 mm plate), bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

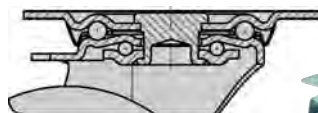
Wheels: VPP Series - Tyres: Standard solid rubber, colour black, 80° shore A or 90° shore A with wheel dimensions of 80x32 mm.

Rims: Made of polypropylene, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing, colour black.

Detailed description: Page 133, 134 and 34.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
L-VPP 80G	B-VPP 80G	L-VPP 80G-FI	80	25	50	Plain bearing	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 bearing	102	100 x 85	80 x 60	9	38
L-VPP 100G	B-VPP 100G	L-VPP 100G-FI	100	30	70	Plain bearing	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 bearing	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 bearing	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 bearing	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 bearing	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 bearing	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 200K	B-VPP 200K	L-VPP 200K-FI	200	50	205	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-VPP 250G-3	BH-VPP 250G	*	250	60	295	Plain bearing	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
L-VPP 256G	B-VPP 256G	*	250	85	250	Plain bearing	295	175 x 175	140 x 140	15	70
			250	85	250	Plain bearing	295	220 x 120	190 x 75	15	

* For the "stop-top" brake version, refer to Variants / Accessories.




Variants / Accessories

	With non-marking grey tyre	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With directional lock (retro fit)** 1 x 360°
Technical description page	34	79	77	78
Ref. No. extension	-SG	-FA	-ST	RI-05.03
Available for wheel Ø [mm]	80 - 250x60	80 - 200	All sizes	160 - 200

** Only for swivel castors without brake.

Series: VPE

Wheels with standard solid rubber tyres,
synthetic rim

 35 - 150 kg

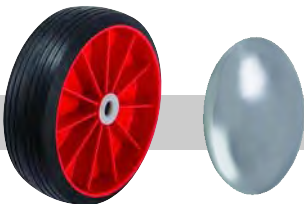


Tyres: Standard solid rubber, colour black,
wheel Ø 146-180 mm: 80° shore A,
wheel Ø 260 mm: 55° shore A.
Rims: Made of polypropylene, shock and impact-resistant,
corrosion-resistant, with plain bearing, light design,
colour black.
Detailed description: Page 34.

Wheels

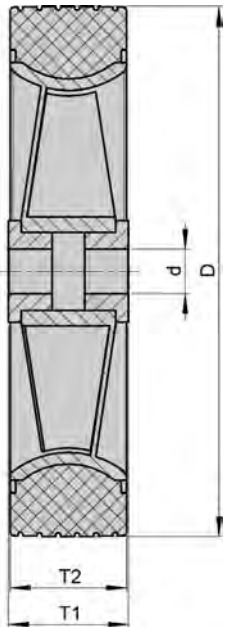
Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VPE 146/12G	146	32	35	Plain bearing	12	33
VPE 165/12G	165	32	40	Plain bearing	12	33
VPE 180/12G	180	32	45	Plain bearing	12	33
VPE 180/20G	180	32	45	Plain bearing	20	33
VPE 260/20G	260	85	150	Plain bearing	20	88

Variants / Accessories



Red centre
STARLOCK®
stainless steel cap

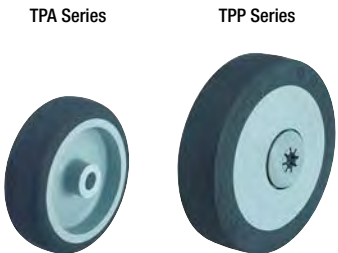
Technical description page	34	79
Ref. No. extension	-ROT	ST-KA 12, 20
Available for wheel Ø [mm]	260	All axle bore Ø



Series: TPA, TPP

Wheels with thermoplastic rubber tread,
synthetic wheel centre

90 - 220 kg



Treads: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A.
Wheel centres: Made of polypropylene, colour light grey, colour black for “-ELS” version (refer to Variants / Accessories), plain or ball bearing.
As standard, ball bearing versions are supplied with bearing sealing.
Detailed description: Page 30 and 34.

Wheels

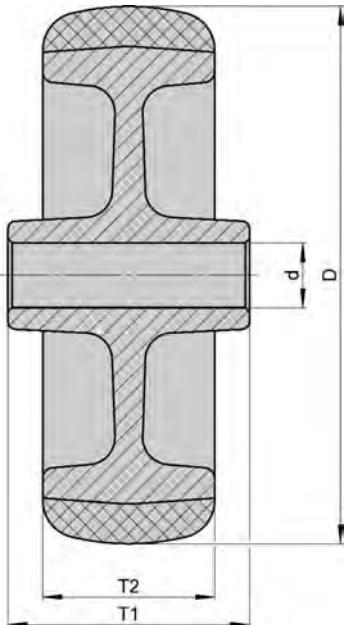
Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
TPA 80/12G	80	32	90	Plain bearing	12	35
TPA 102/12G	100	32	100	Plain bearing	12	45
TPA 127/12G	125	32	110	Plain bearing	12	45
TPP 160/12KD	160	40	180	Ball bearing	12	62
TPP 200/12KD	200	40	220	Ball bearing	12	62

Variants / Accessories



Antistatic version,
non-marking grey

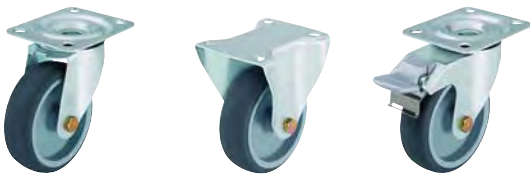
Technical description page	30
Ref. No. extension	-ELS
Available for wheel Ø [mm]	80 - 125



Castors+Wheels

Series: LE-TPA, LE-TPP, BE-TPA, B-TPA, B-TPP
Pressed steel swivel and fixed castors

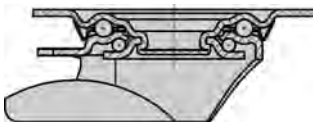
90 - 220 kg



Brackets: LE/BE/B Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, with swivel head sealing, bolted wheel axle, zinc-plated.
Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: TPA/TPP Series - Treads: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A. Wheel centres: Made of polypropylene, colour light grey, colour black for “-ELS” version (refer to Variants / Accessories), plain or ball bearing.
As standard, ball bearing versions are supplied with bearing sealing.
Detailed description: Page 140, 30 and 34.

Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø (D) [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LE-TPA 80G	B-TPA 80G	LE-TPA 80G-FI	80	32	90	Plain bearing	102	100 x 85	80 x 60	9	38
LE-TPA 102G	BE-TPA 102G	LE-TPA 102G-FI	100	32	100	Plain bearing	125	100 x 85	80 x 60	9	36
LE-TPA 127G	BE-TPA 127G	LE-TPA 127G-FI	125	32	110	Plain bearing	150	100 x 85	80 x 60	9	40
LE-TPP 160KD	B-TPP 160KD	LE-TPP 160KD-FI	160	40	180	Ball bearing	195	140 x 110	105 x 75-80	11	54
LE-TPP 200KD	B-TPP 200KD	LE-TPP 200KD-FI	200	40	220	Ball bearing	235	140 x 110	105 x 75-80	11	54



Variants / Accessories

	Antistatic version, non-marking grey
Technical description page	30
Ref. No. extension	-ELS
Available for wheel Ø [mm]	80 - 125

Series: LER-TPA, LER-TPP

Pressed steel swivel castors
with bolt hole fitting

90 - 220 kg



Brackets: LER Series - Pressed steel, with bolt hole, double ball bearing in the swivel head and strong central kingpin, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, bolted wheel axle, zinc-plated.

Detailed description: Page 62 and 76.

Wheels: TPA/TPP Series - Treads: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A. Wheel centres: Made of polypropylene, colour light grey, colour black for "-ELS" version (refer to Variants / Accessories), plain or ball bearing. As standard, ball bearing versions are supplied with bearing sealing.

Detailed description: Page 140, 30 and 34.

Swivel castors	Swivel castors with “stop-fix” brake									
Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset	
		(D) [mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LER-TPA 80G	LER-TPA 80G-FI	80	32	90	Plain bearing	102	70	13	38	
LER-TPA 102G	LER-TPA 102G-FI	100	32	100	Plain bearing	125	70	13	36	
LER-TPA 127G	LER-TPA 127G-FI	125	32	110	Plain bearing	150	70	13	40	
LER-TPP 160KD	LER-TPP 160KD-FI	160	40	180	Ball bearing	195	88	13	54	
LER-TPP 200KD	LER-TPP 200KD-FI	200	40	220	Ball bearing	235	88	13	54	



Variants / Accessories

Antistatic version, non-marking grey


Technical description page 30

Ref. No. extension -ELS

Available for wheel Ø [mm] 80 - 125



Contents: Section 6

Wheel series			Swivel bracket series (combined with the respective wheel series) For matching fixed castors, refer to the corresponding catalogue pages.							
			L	LK						
	VW									
	Series	VW								
	Wheel Ø [mm]	125 - 260 mm								
	Load capacity [kg]	50 - 200 kg								
	Page	146	147							
	VWPP									
	Series	VWPP								
	Wheel Ø [mm]	125 - 260 mm								
	Load capacity [kg]	50 - 200 kg								
	Page	148	149							
	RD									
	Series	RD								
	Wheel Ø [mm]	100 - 280 mm								
	Load capacity [kg]	100 - 650 kg								
	Page	150	151	152						



**Wheels and castors with soft rubber tyres
and semi-elastic solid rubber tyres**

Series: VW

Wheels with “Blickle® Soft” soft rubber tyres,
pressed steel rim

50 - 200 kg



Tyres: Blickle®-Soft soft rubber, round profile, colour black, 50° shore A, **noise-absorbing**.
Rims: Pressed steel, tubular steel hub, roller or ball bearing, zinc-plated.

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

Detailed description: Page 35.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	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

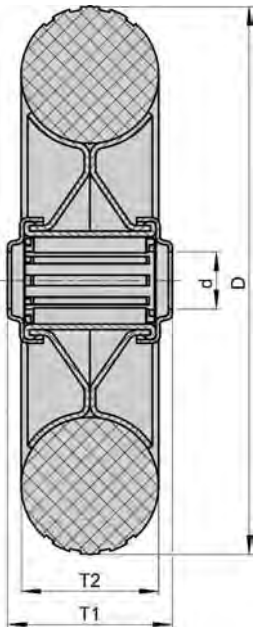
Further information on the Internet: www.blickle.de

Variants / Accessories




With non-marking
grey tyre

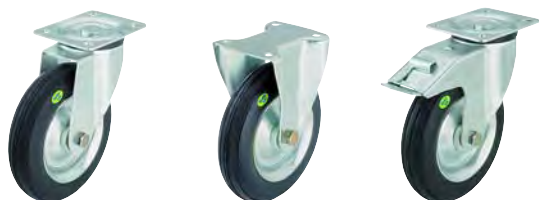
Technical description page	35
Ref. No. extension	-SG
Available for wheel Ø [mm]	Upon request



Series: L-VW, B-VW, BH-VW

Pressed steel swivel and fixed castors, medium duty brackets

 50 - 200 kg



Brackets: L/B/BH Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 160-260 mm) and swivel head sealing (except for brackets with 175x175 mm plate), bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: VW Series - Tyres: Blickle®-Soft soft rubber, round profile, colour black, 50° shore A, **noise-absorbing**.

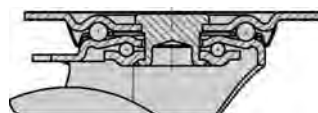
Rims: Pressed steel, tubular steel hub, roller or ball bearing, zinc-plated.

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

Detailed description: Page 146 and 35.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
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 Variants / Accessories.



Variants / Accessories



	With non-marking grey tyre	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With directional lock (retro fit)** 1 x 360°
Technical description page	35	79	77	78
Ref. No. extension	-SG	-FA	-ST	RI-05.03
Available for wheel Ø [mm]	Upon request	125 - 200	All sizes	160 + 200

** Only for swivel castors without brake.

Series: VWPP

Wheels with “Blickle® Soft” soft rubber tyres,
synthetic rim

50 - 200 kg



Tyres: Blickle®-Soft soft rubber, round profile, colour black, 50° shore A, **noise-absorbing**.
Rims: Made of polypropylene, shock and impact-resistant, corrosion-resistant, plain or ball bearing, colour black.
Detailed description: Page 35.

Wheels

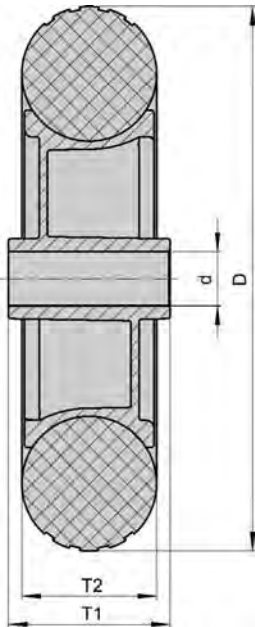
Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VWPP 125/15G	125	37,5	50	Plain bearing	15	45
VWPP 160/20G	160	40	70	Plain bearing	20	60
VWPP 200/20G	200	50	100	Plain bearing	20	60
VWPP 250/25G	250	60	160	Plain bearing	25	65
VWPP 260/20G	260	85	200	Plain bearing	20	75
VWPP 260/20K	260	85	200	Ball bearing	20	75

Variants / Accessories



With non-marking
grey tyre

Technical description page	35
Ref. No. extension	-SG
Available for wheel Ø [mm]	Upon request

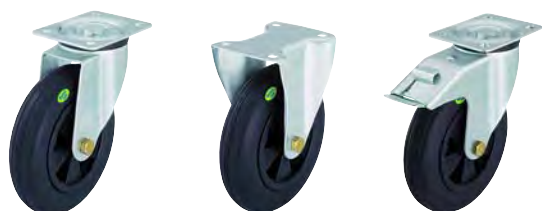


Wheels + Castors

Series: L-VWPP, B-VWPP, BH-VWPP

Pressed steel swivel and fixed castors, medium duty brackets

 50 - 200 kg



Brackets: L/B/BH Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 160-260 mm) and swivel head sealing (except for brackets with 175x175 mm plate), bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

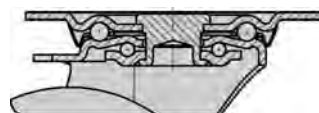
Wheels: VWPP Series - Tyres: Blickle®-Soft soft rubber, round profile, colour black, 50° shore A, **noise-absorbing**.

Rims: Made of polypropylene, shock and impact-resistant, corrosion-resistant, plain or ball bearing, colour black.

Detailed description: Page 148 and 35.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
L-VWPP 125G	B-VWPP 125G	L-VWPP 125G-FI	125	37,5	50	Plain bearing	150	100 x 85	80 x 60	9	40
L-VWPP 160G	B-VWPP 160G	L-VWPP 160G-FI	160	40	70	Plain 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 bearing	235	140 x 110	105 x 75-80	11	65
L-VWPP 250G-3	BH-VWPP 250G	*	250	60	160	Plain bearing	295	140 x 110	105 x 75-80	11	77
L-VWPP 260G		*	260	85	200	Plain bearing	308	175 x 175	140 x 140	15	78
	B-VWPP 260G		260	85	200	Plain 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 Variants / Accessories.



Variants / Accessories



	With non-marking grey tyre	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With directional lock (retro fit)** 1 x 360°
Technical description page	35	79	77	78
Ref. No. extension	-SG	-FA	-ST	RI-05.03
Available for wheel Ø [mm]	Upon request	125 - 200	All sizes	160 + 200

** Only for swivel castors without brake.

Series: RD

Wheels with semi-elastic solid rubber tyres, "Blickle® Comfort", pressed steel rim

 100 - 650 kg



Tyres: Blickle® Comfort solid rubber, two components, hard rubber core, elastic tread, 65° shore A, high operational comfort, colour black.

Rims: Pressed steel, tubular steel hub, roller or ball bearing, zinc-plated.

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

Detailed description: Page 36.

Wheels

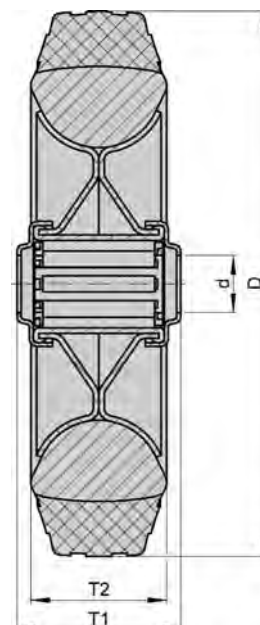
Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
RD 100/15R	100	30	100	Roller bearing	15	45
RD 125/15R	125	37,5	120	Roller bearing	15	45
RD 140/15R	140	37,5	175	Roller bearing	15	45
RD 162/20R	160	40	225	Roller bearing	20	60
RD 182/20R	180	50	300	Roller bearing	20	60
RD 202/20R	200	50	350	Roller bearing	20	60
RD 200/20K	200	50	350	Ball bearing	20	60
RD 252/25R	250	60	450	Roller bearing	25	65
RD 250/25K	250	60	450	Ball bearing	25	65
RD 282/25R	280	70	650	Roller bearing	25	75
RD 280/25K	280	70	650	Ball bearing	25	75

Variants / Accessories




With non-marking grey tyre, 56° shore A

Technical description page	36
Ref. No. extension	-VLI
Available for wheel Ø [mm]	100 - 250



Series: L-RD, B-RD, BH-RD

Pressed steel swivel and fixed castors, medium duty brackets

 100 - 600 kg



Brackets: L/B/BH Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 160-280 mm) and swivel head sealing (except for brackets with 175x175 mm plate), bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

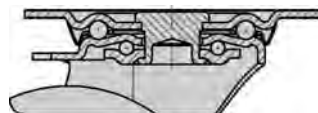
Wheels: RD Series - Tyres: Blickle® Comfort solid rubber, two components, hard rubber core, elastic tread, 65° shore A, high operational comfort, colour black. Rims: Pressed steel, tubular steel hub, roller or ball bearing, zinc-plated.

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

Detailed description: Page 150 and 36.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
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 Variants / Accessories.



Variants / Accessories




	With non-marking grey tyre, 56° shore A	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With directional lock (retro fit)** 1 x 360°
Technical description page	36	79	77	78
Ref. No. extension	-VLI	-FA	-ST	RI-05.03
Available for wheel Ø [mm]	100 - 250	100 - 200	All sizes	160 - 200

** Only for swivel castors without brake.

Series: LK-RD, BK-RD, BH-RD

Pressed steel swivel and fixed castors, medium heavy duty brackets

 100 - 350 kg



Brackets: LK/BK/BH Series - Pressed from heavy sheet-steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 160-200 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

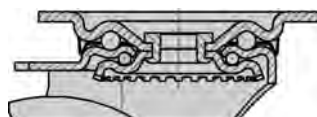
Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: RD Series - Tyres: Blickle® Comfort solid rubber, two components, hard rubber core, elastic tread, 65° shore A, high operational comfort, colour black. Rims: Pressed steel, tubular steel hub, roller or ball bearing, zinc-plated.

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

Detailed description: Page 150 and 36.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	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	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	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	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	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	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	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	200	50	350	Ball bearing	245	140 x 110	105 x 75-80	11	65



Variants / Accessories



	With non-marking grey tyre, 56° shore A	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With "ideal-stop" brake ttd. height +17mm*	With directional lock (retro fit)** 1 x 360°	With directional lock (retro fit)** 1 x 360°
Technical description page	36	79	77	77	78	78
Ref. No. extension	-VLI	-FA	-ST	-IS	RI-03.03	RI-05.03
Available for wheel Ø [mm]	All sizes	All sizes	All sizes	160 + 200	100 + 125 plate 140x110	160 + 200

* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

** Only for swivel castors without brake.

Contents: Section 7

Wheel series			Swivel bracket series (combined with the respective wheel series) For matching fixed castors, refer to the corresponding catalogue pages.								
			LE	L	LK	LKR	LH	LO	LS	LOD	LSD
	POEV										
	Series	POEV	LE-POEV	L-POEV	LK-POEV		LH-POEV				
	Wheel Ø [mm]	80 - 300 mm	80 - 200 mm	80 - 250 mm	100 - 200 mm		100 - 250 mm				
	Load capacity [kg]	120 - 650 kg	120 - 300 kg	120 - 550 kg	170 - 450 kg		170 - 550 kg				
	Page	156	157	158	159		160				
	ALEV										
	Series	ALEV		L-ALEV	LK-ALEV	LKR-ALEV	LH-ALEV	LO-ALEV		LOD-ALEV	
	Wheel Ø [mm]	100 - 250 mm		100 - 250 mm	100 - 200 mm	100 - 125 mm	100 - 250 mm	125 - 250 mm		100 - 125 mm	
	Load capacity [kg]	180 - 550 kg		180 - 550 kg	180 - 450 kg	180 - 250 kg	180 - 550 kg	270 - 550 kg		360 - 500 kg	
	Page	161		162	163	164	165	166		167	
	SE										
	Series	SE			LK-SE		LH-SE	LO-SE	LS-SE		LSD-SE
	Wheel Ø [mm]	100 - 415 mm			100 - 200 mm		100 - 250 mm	125 - 300 mm	125 - 415 mm		160 - 300 mm
	Load capacity [kg]	180 - 1150 kg			180 - 500 kg		180 - 700 kg	280 - 900 kg	280 - 1150 kg		800 - 1800 kg
	Page	168			169		170	171	172		173
	GEV/SEV										
	Series	GEV/SEV							LS-GEV/SEV		
	Wheel Ø [mm]	250 - 620 mm							300 - 620 mm		
	Load capacity [kg]	725 - 3000 kg							900 - 3000 kg		
	Page	174							175		
	GEVN/SEVN										
	Series	GEVN/SEVN									
	Wheel Ø [mm]	300 - 620 mm									
	Load capacity [kg]	750 - 3000 kg									
	Page	176									
	DS										
	Series	DS									
	Wheel Ø [mm]	300 - 620 mm									
	Load capacity [kg]	1500 - 6000 kg									
	Page	177									
	SAV										
	Series	SAV									
	Wheel Ø [mm]	250 - 620 mm									
	Load capacity [kg]	525 - 3000 kg									
	Page	178									



**Heavy duty wheels and castors
with elastic solid rubber tyres**

Series: POEV

Heavy duty wheels with elastic solid rubber tyres, nylon wheel centre

 120 - 650 kg



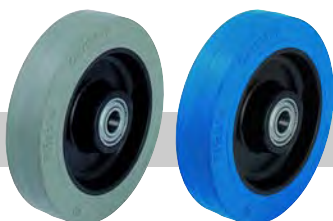
Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.

Wheel centres: Made of high-quality nylon, colour black, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing.
Detailed description: Page 37.

Wheels

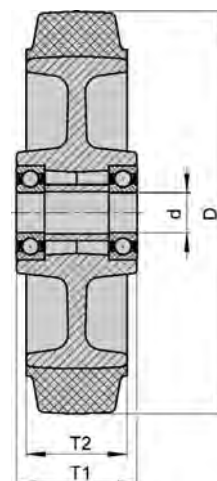
Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POEV 80/12R	80	32	120	Roller bearing	12	35
POEV 100/12G	100	38	170	Plain bearing	12	45
POEV 100/15G	100	38	170	Plain bearing	15	45
POEV 100/12R	100	38	170	Roller bearing	12	45
POEV 100/15R	100	38	170	Roller bearing	15	45
POEV 100/8K	100	38	170	Ball bearing	8	46
POEV 100/10K	100	38	170	Ball bearing	10	46
POEV 100/15K	100	38	170	Ball bearing	15	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	8	46
POEV 125/10K	125	40	250	Ball bearing	10	46
POEV 125/15K	125	40	250	Ball bearing	15	45
POEV 125/20K	125	40	250	Ball bearing	20	45
POEV 160/20R	160	50	350	Roller bearing	20	60
POEV 160/20K	160	50	350	Ball bearing	20	60
POEV 200/20R	200	50	400	Roller bearing	20	60
POEV 200/20K	200	50	450	Ball bearing	20	60
POEV 200/25K	200	50	450	Ball bearing	25	60
POEV 250/25R	250	50	450	Roller bearing	25	60
POEV 250/20K	250	50	550	Ball bearing	20	60
POEV 250/25K	250	50	550	Ball bearing	25	60
POEV 300/30K	300	60	650	Ball bearing	30	70

Variants / Accessories



	With non-marking grey tyre	With non-marking blue tyre	With stainless steel roller bearing (-XR) / ball bearing(-XK)	With bearing seal for ball bearings
Technical description page	37	37	57	58
Ref. No. extension	-SG	-SB	-XR, -XK	-KD
Available for wheel Ø [mm]	80 - 200 Rest upon request	80 - 200	Upon request	100/8K + 125/8K, 160 + 200*


* With wheel Ø of 160 + 200 mm, the axle bore Ø is reduced to 12 mm and the hub length is increased to 62 mm.



Castors+Wheels

Series: LE-POEV, BE-POEV, B-POEV

Pressed steel swivel and fixed castors

 120 - 300 kg



Brackets: LE/BE/B Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, with swivel head sealing, bolted wheel axle, zinc-plated.

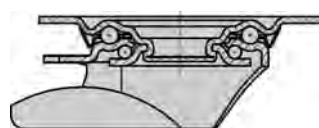
Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: POEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.

Wheel centres: Made of high-quality nylon, colour black, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing.

Detailed description: Page 156 and 37.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LE-POEV 80R	B-POEV 80R	LE-POEV 80R-FI	80	32	120	Roller bearing	102	100 x 85	80 x 60	9	38
LE-POEV 100G	BE-POEV 100G	LE-POEV 100G-FI	100	38	150	Plain bearing	125	100 x 85	80 x 60	9	36
LE-POEV 100R	BE-POEV 100R	LE-POEV 100R-FI	100	38	150	Roller bearing	125	100 x 85	80 x 60	9	36
LE-POEV 100K	BE-POEV 100K	LE-POEV 100K-FI	100	38	150	Ball bearing	125	100 x 85	80 x 60	9	36
LE-POEV 125R	BE-POEV 125R	LE-POEV 125R-FI	125	40	150	Roller bearing	150	100 x 85	80 x 60	9	40
LE-POEV 125K	BE-POEV 125K	LE-POEV 125K-FI	125	40	150	Ball bearing	150	100 x 85	80 x 60	9	40
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 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



Variants / Accessories



	With non-marking grey tyre	With non-marking blue tyre	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With directional lock (retro fit)* 1 x 360°	With stainless steel axle tube (-XA) or bearing (-XR, -XK)	With bearing seal for ball bearings
Technical description page	37	37	79	77	78	79 + 57	58
Ref. No. extension	-SG	-SB	-FA	-ST	RI-03.03	-XA, -XR, -XK	-KD
Available for wheel Ø [mm]	All sizes	All sizes	All sizes	160 + 200	160 + 200	Upon request	All sizes

* Only for swivel castors without brake.

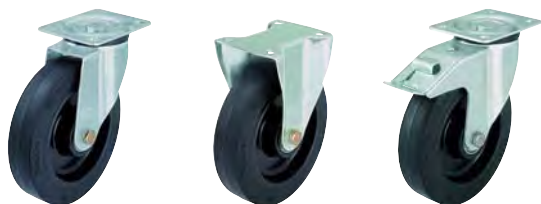
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Further information on the Internet: www.blicke.de

Series: L-POEV, B-POEV, BH-POEV

Pressed steel swivel and fixed castors, medium duty brackets

 120 - 550 kg



Brackets: L/B/BH Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 160-250 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: POEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.

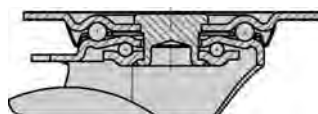
Wheel centres: Made of high-quality nylon, colour black, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing.

Detailed description: Page 156 and 37.

7

Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Top plate drawings: Page 71. Detailed description: Page 62 and 76.										
			Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
L-POEV 80R	B-POEV 80R	L-POEV 80R-FI		80	32	120	Roller bearing	102	100 x 85	80 x 60	9		38
L-POEV 100G	B-POEV 100G	L-POEV 100G-FI		100	38	170	Plain bearing	125	100 x 85	80 x 60	9		36
L-POEV 100R	B-POEV 100R	L-POEV 100R-FI		100	38	170	Roller bearing	125	100 x 85	80 x 60	9		36
L-POEV 100K	B-POEV 100K	L-POEV 100K-FI		100	38	170	Ball bearing	125	100 x 85	80 x 60	9		36
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	150	100 x 85	80 x 60	9		40
L-POEV 160R	B-POEV 160R	L-POEV 160R-FI		160	50	350	Roller bearing	195	140 x 110	105 x 75-80	11		60
L-POEV 160K	B-POEV 160K	L-POEV 160K-FI		160	50	350	Ball bearing	195	140 x 110	105 x 75-80	11		60
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	450	Roller bearing	295	140 x 110	105 x 75-80	11		77
L-POEV 250K-3	BH-POEV 250K	*		250	50	550	Ball bearing	295	140 x 110	105 x 75-80	11		77

* For the "stop-top" brake version, refer to Variants / Accessories.



Variants / Accessories




	With non-marking grey tyre	With non-marking blue tyre	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With directional lock (retro fit)** 1 x 360°	With stainless steel axle tube (-XA) or bearing (-XR, -XK)	With bearing seal for ball bearings
Technical description page	37	37	79	77	78	79 + 57	58
Ref. No. extension	-SG	-SB	-FA	-ST	RI-05.03	-XA, -XR, -XK	-KD
Available for wheel Ø [mm]	80 - 200	80 - 200	All sizes	All sizes	160 + 200	Upon request	160 + 200

** Only for swivel castors without brake.

Series: LK-POEV, BK-POEV, BH-POEV

Pressed steel swivel and fixed castors, medium heavy duty brackets

 170 - 450 kg

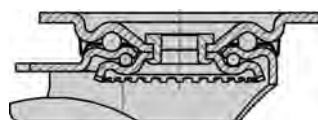


Brackets: LK/BK/BH Series - Pressed from heavy sheet-steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 160-200 mm) and swivel head sealing, bolted wheel axle zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: POEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance. Wheel centres: Made of high-quality nylon, colour black, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing.
Detailed description: Page 156 and 37.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LK-POEV 100G-1	BK-POEV 100G-1	LK-POEV 100G-1-FI	100	38	170	Plain bearing	130	100 x 85	80 x 60	9	45
LK-POEV 100R-1	BK-POEV 100R-1	LK-POEV 100R-1-FI	100	38	170	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	170	Ball bearing	130	100 x 85	80 x 60	9	45
LK-POEV 100G-3	BK-POEV 100G-3	LK-POEV 100G-3-FI	100	38	170	Plain bearing	130	140 x 110	105 x 75-80	11	45
LK-POEV 100R-3	BK-POEV 100R-3	LK-POEV 100R-3-FI	100	38	170	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	170	Ball bearing	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	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	155	140 x 110	105 x 75-80	11	48
LK-POEV 160R	BH-POEV 160R	LK-POEV 160R-FI	160	50	350	Roller bearing	202	140 x 110	105 x 75-80	11	63
LK-POEV 160K	BH-POEV 160K	LK-POEV 160K-FI	160	50	350	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-POEV 200R	BH-POEV 200R	LK-POEV 200R-FI	200	50	400	Roller bearing	245	140 x 110	105 x 75-80	11	65
LK-POEV 200K	BH-POEV 200K	LK-POEV 200K-FI	200	50	450	Ball bearing	245	140 x 110	105 x 75-80	11	65



Variants / Accessories




	With non-marking grey tyre	With non-marking blue tyre	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With "ideal-stop" brake ttl. height +17mm*	With directional lock (retro fit)** 1 x 360°	With stainless steel bearing or ball bearing sealing
Technical description page	37	37	79	77	77	78	79, 57, 58
Ref. No. extension	-SG	-SB	-FA	-ST	-IS	RI-05.03	-XA, -XR, -XK, -KD
Available for wheel Ø [mm]	All sizes	All sizes	All sizes	All sizes	160 + 200	160 + 200	Upon request

* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

** Only for swivel castors without brake.

Series: LH-POEV, BH-POEV

Pressed steel swivel and fixed castors, heavy duty brackets

 170 - 550 kg



Brackets: LH/BH Series - Pressed from sheet-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.

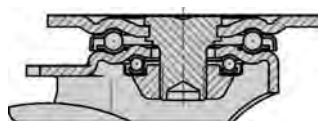
Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: POEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.
Wheel centres: Made of high-quality nylon, colour black, shock and impact-resistant, corrosion-resistant, roller or ball bearing.
Detailed description: Page 156 and 37.

7

Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Top plate drawings: Page 71. Detailed description: Page 63 and 76.										
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]		
LH-POEV 100R-1	BH-POEV 100R-1	LH-POEV 100R-1-FI	100	38	170	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	170	Ball bearing	140	100 x 85	80 x 60	9	45		
LH-POEV 100R-3		LH-POEV 100R-3-FI	100	38	170	Roller bearing	140	140 x 110	105 x 75-80	11	45		
LH-POEV 100K-3		LH-POEV 100K-3-FI	100	38	170	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	350	Roller bearing	202	140 x 110	105 x 75-80	11	65		
LH-POEV 160K	BH-POEV 160K	LH-POEV 160K-FI	160	50	350	Ball bearing	202	140 x 110	105 x 75-80	11	65		
LH-POEV 200R	BH-POEV 200R	LH-POEV 200R-FI	200	50	400	Roller bearing	245	140 x 110	105 x 75-80	11	67		
LH-POEV 200K	BH-POEV 200K	LH-POEV 200K-FI	200	50	450	Ball bearing	245	140 x 110	105 x 75-80	11	67		
LH-POEV 250R	BH-POEV 250R	*	250	50	450	Roller bearing	295	140 x 110	105 x 75-80	11	82		
LH-POEV 250K	BH-POEV 250K	*	250	50	550	Ball bearing	295	140 x 110	105 x 75-80	11	82		

* For the "stop-top" brake version, refer to Variants / Accessories.



Variants / Accessories



	With non-marking grey tyre	With non-marking blue tyre	With "stop-top" brake	With "ideal-stop" brake tti. height + 17mm**	With directional lock (retro fit)*** 1 x 360°	With sealing + grease nipple in the swivel head ***	With stainless steel bearing or ball bearing sealing
Technical description page	37	37	77	77	78	63	79, 57, 58
Ref. No. extension	-SG	-SB	-ST	-IS	RI-05.03	-DN	-XA, -XR, -XK, -KD
Available for wheel Ø [mm]	100 - 200	100 - 200	All sizes	160 + 200	160 + 200	Upon request	Upon request

** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

*** Only for swivel castors without brake.

Series: ALEV

Heavy duty wheels with elastic solid rubber tyres, aluminium wheel centre

 180 - 550 kg



Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.

Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium.

Detailed description: Page 37.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALEV 100/15K	100	40	180	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	350	Ball bearing	20	60
ALEV 150/25K	150	54	350	Ball bearing	25	60
ALEV 161/15K	160	40	300	Ball bearing	15	60
ALEV 160/20K	160	50	350	Ball bearing	20	60
ALEV 160/25K	160	50	350	Ball bearing	25	60
ALEV 180/20K	180	50	400	Ball bearing	20	60
ALEV 180/25K	180	50	400	Ball bearing	25	60
ALEV 200/20K	200	50	450	Ball bearing	20	60
ALEV 200/25K	200	50	450	Ball bearing	25	60
ALEV 250/20K	250	50	550	Ball bearing	20	60
ALEV 250/25K	250	50	550	Ball bearing	25	60

Variants / Accessories



With non-marking grey tyre

Antistatic version, black tyre

Technical description page

37

37

Ref. No. extension

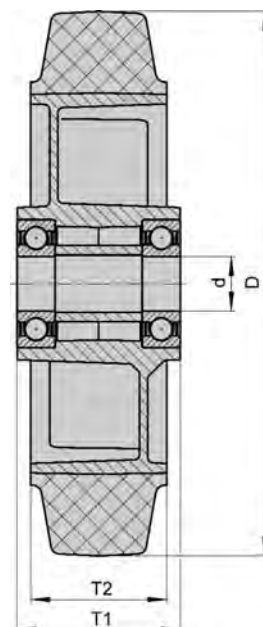
-SG

-EL

Available for wheel Ø [mm]

All sizes

Upon request



Series: L-ALEV, B-ALEV, BH-ALEV

Pressed steel swivel and fixed castors, medium duty brackets

 180 - 550 kg



Brackets: L/B/BH Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 150-250 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

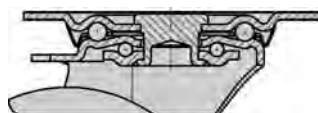
Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: ALEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance. Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium.
Detailed description: Page 161 and 37.

7

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
			L-ALEV 100K	B-ALEV 100K	L-ALEV 100K-FI	100	40	180	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	350	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	350	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	550	Ball bearing	295	140 x 110	105 x 75-80	11	77

* For the "stop-top" brake version, refer to Variants / Accessories.



Variants / Accessories




	With non-marking grey tyre	Antistatic version, black tyre	With "stop-top" brake	With directional lock (retro fit)** 1 x 360°
Technical description page	37	37	77	78
Ref. No. extension	-SG	-EL	-ST	RI-05.03
Available for wheel Ø [mm]	All sizes	Upon request	All sizes	160 - 200

** Only for swivel castors without brake.

Series: LK-ALEV, BK-ALEV, BH-ALEV

Pressed steel swivel and fixed castors, medium heavy duty brackets

 180 - 450 kg

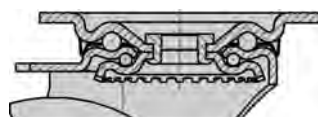


Brackets: LK/BK/BH Series - Pressed from heavy sheet-steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel dimensions 125x50 - 200x50 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: ALEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.
Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium.
Detailed description: Page 161 and 37.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LK-ALEV 100K-1	BK-ALEV 100K-1	LK-ALEV 100K-1-FI	100	40	180	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	180	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	350	Ball bearing	197	140 x 110	105 x 75-80	11	63
LK-ALEV 160K	BH-ALEV 160K	LK-ALEV 160K-FI	160	50	350	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-ALEV 180K	BH-ALEV 180K	LK-ALEV 180K-FI	180	50	400	Ball bearing	223	140 x 110	105 x 75-80	11	65
LK-ALEV 200K	BH-ALEV 200K	LK-ALEV 200K-FI	200	50	450	Ball bearing	245	140 x 110	105 x 75-80	11	65



Variants / Accessories



	With non-marking grey tyre	Antistatic version, black tyre	With "stop-top" brake	With "ideal-stop" brake tti. height +17mm*	With directional lock (retro fit)** 1 x 360°	With directional lock (retro fit)** 1 x 360°
Technical description page	37	37	77	77	78	78
Ref. No. extension	-SG	-EL	-ST	-IS	RI-03.03	RI-05.03
Available for wheel Ø [mm]	All sizes	Upon request	All sizes	160 + 200	100 + 125 plate 140x110	125x50 - 200

* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

** Only for swivel castors without brake.

7

Further information on the internet: www.blicke.de

Series: LKR-ALEV
**Pressed steel swivel castors
with bolt hole fitting,
medium heavy duty brackets**
180 - 250 kg



Brackets: LKR Series - Pressed from heavy sheet-steel, single bolt hole fitting, double ball bearing in the swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin, bolted wheel axle, zinc-plated.
Detailed description: Page 63 and 76.

Wheels: ALEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.
Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium.
Detailed description: Page 161 and 37.

Swivel castors	Swivel castors with “stop-fix” brake									
Ref. No.	Ref. No.	Wheel Ø	Tyre width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LKR-ALEV 100K	LKR-ALEV 100K-FI	100	40	180	Ball bearing	130	88	13	45	
LKR-ALEV 125K	LKR-ALEV 125K-FI	125	40	250	Ball bearing	155	88	13	48	



Further information on the Internet: www.blickle.de

7



Variants / Accessories

	With non-marking grey tyre	Antistatic version, black tyre
Technical description page	37	37
Ref. No. extension	-SG	-EL
Available for wheel Ø [mm]	All sizes	Upon request

Series: LH-ALEV, BH-ALEV

Pressed steel swivel and fixed castors, heavy duty brackets

 180 - 550 kg



Brackets: LH/BH Series - Pressed from sheet-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.

Wheels: ALEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.

Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium.

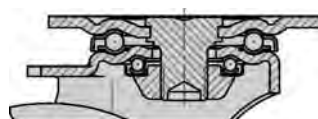
Detailed description: Page 161 and 37.

Top plate drawings: Page 71.

Detailed description: Page 63 and 76.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	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	180	Ball bearing	140	100 x 85	80 x 60	9	45
LH-ALEV 100K-3		LH-ALEV 100K-3-FI	100	40	180	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	350	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-ALEV 160K	BH-ALEV 160K	LH-ALEV 160K-FI	160	50	350	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-ALEV 180K	BH-ALEV 180K	LH-ALEV 180K-FI	180	50	400	Ball bearing	223	140 x 110	105 x 75-80	11	67
LH-ALEV 200K	BH-ALEV 200K	LH-ALEV 200K-FI	200	50	450	Ball bearing	245	140 x 110	105 x 75-80	11	67
LH-ALEV 250K	BH-ALEV 250K	*	250	50	550	Ball bearing	295	140 x 110	105 x 75-80	11	82

* For the "stop-top" brake version, refer to Variants / Accessories.



Variants / Accessories



	With non-marking grey tyre	Antistatic version, black tyre	With "stop-top" brake	With "ideal-stop" brake tti. height + 17mm**	With directional lock (retro fit)*** 1 x 360°	With sealing + grease nipple in the swivel head ***
Technical description page	37	37	77	77	78	63
Ref. No. extension	-SG	-EL	-ST	-IS	RI-05.03	-DN
Available for wheel Ø [mm]	All sizes	Upon request	All sizes	160 + 200	125x50 - 200	Upon request

** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

*** Only for swivel castors without brake.

Series: LO-ALEV, BO-ALEV

Welded steel heavy duty
swivel and fixed castors

270 - 550 kg



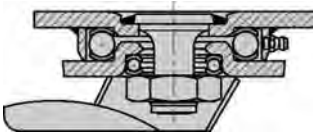
Brackets: LO/BO Series - Heavy welded steel construction, swivel bracket with double ball bearing in the swivel head, **additionally reinforced by the integration of four specially shaped and hardened bearing seats**, labyrinth swivel head sealing with grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 64 and 77.

Wheels: ALEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.
Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium.
Detailed description: Page 161 and 37.

7

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	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	350	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-ALEV 160K	BO-ALEV 160K	LO-ALEV 160K-ST	160	50	350	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-ALEV 200K	BO-ALEV 200K	LO-ALEV 200K-ST	200	50	450	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-ALEV 250K	BO-ALEV 250K	LO-ALEV 250K-ST	250	50	550	Ball bearing	295	140 x 110	105 x 75-80	11	70



Further information on the Internet: www.blickle.de

Variants / Accessories



	With non-marking grey tyre	Antistatic version, black tyre	With directional lock 2 x 180°
Technical description page	37	37	78
Ref. No. extension	-SG	-EL	-RI2
Available for wheel Ø [mm]	All sizes	Upon request	125 - 200

Castors+Wheels

Series: LOD-ALEV, BOD-ALEV

Welded steel heavy duty
double swivel and fixed castors

360 - 500 kg

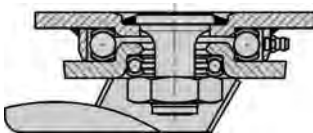


Swivel castors

Fixed castors

Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LOD-ALEV 100K	BOD-ALEV 100K	100	2 x 40	360	Ball bearing	145	110 x 140*	75-80 x 105	11	45
LOD-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 in parallel with the wheel axle



Brackets: LOD/BOD Series - Heavy 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**, labyrinth swivel head sealing with grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated.
Top plate drawings: Page 71.
Detailed description: Page 64.

Wheels: ALEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.
Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium.
Detailed description: Page 161 and 37.

Variants / Accessories



	With non-marking grey tyre	Antistatic version, black tyre
Technical description page	37	37
Ref. No. extension	-SG	-EL
Available for wheel Ø [mm]	All sizes	Upon request

Wheels + Castors

Series: SE

Heavy duty wheels with elastic solid rubber tyres,
welded steel wheel centre,
heavy design

180 - 1150 kg



Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, or Ref. No. ...-Z: pressed-on, low rolling resistance.

Wheel centres: Strong welded steel construction with double-welded tubular steel hub or, for wheel Ø of 100+125 mm, direct vulcanisation onto the hub, plain or ball bearing. Lacquered - colour anthracite.

This special Bickie wheel centre construction is characterised by its particularly high stability as well as its elegant and smooth design.

Detailed description: Page 37.

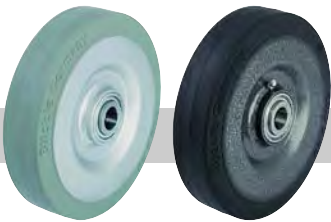
Wheels

Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SE 100/20K	100	40	180	Ball bearing	20	45
SE 125/20K	125	50	280	Ball bearing	20	60
SE 160/20K	160	50	400	Ball bearing	20	60
SE 200/20K	200	50	500	Ball bearing	20	60
SE 200/25K	200	50	500	Ball bearing	25	60
SE 202/25K	200	80	700	Ball bearing	25	90
SE 250/25K	250	60	700	Ball bearing	25	70
SE 252/25K	250	80	850	Ball bearing	25	90
SE 252/30K	250	80	850	Ball bearing	30	90
SE 300/30G	300	50	900 (static load)	Plain bearing	30	55
SE 300/30K	300	75	900	Ball bearing	30	85
SE 360/30K-Z	360	75	950	Ball bearing	30	90
SE 400/35K-Z	400	65	900	Ball bearing	35	75
SE 415/35K-Z	415	90	1150	Ball bearing	35	100

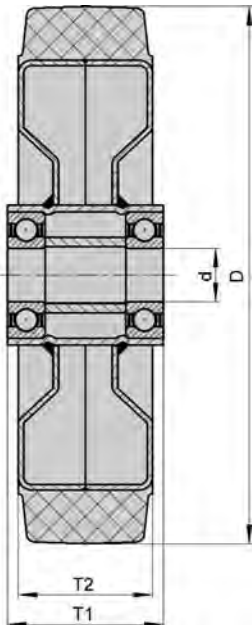
For further wheel Ø, refer to the GEV, SEV wheel series on page 174.

Further information on the Internet: www.bickie.de

Variants / Accessories



	With non-marking grey tyre	With grease nipple
Technical description page	37	37
Ref. No. extension	-SG	-NI
Available for wheel Ø [mm]	160 - 200x80	Upon request



Series: LK-SE, BK-SE, BH-SE

Pressed steel swivel and fixed castors, medium heavy duty brackets

 180 - 500 kg



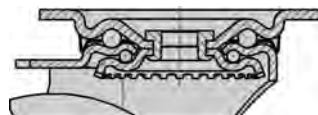
Brackets: LK/BK/BH Series - Pressed from heavy sheet-steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 125-200 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: SE Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance. Wheel centres: Strong welded steel construction with double-welded tubular steel hub or, for wheel Ø of 100+125 mm, direct vulcanisation of elastic solid rubber tyres onto the hub, ball bearing. Lacquered - colour anthracite.

Special Blickle wheel centre construction, very high stability, elegant and smooth design.
Detailed description: Page 168 and 37.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LK-SE 100K-1	BK-SE 100K-1	LK-SE 100K-1-FI	100	40	180	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	40	180	Ball bearing	130	140 x 110	105 x 75-80	11	45
LK-SE 125K	BH-SE 125K	LK-SE 125K-FI	125	50	280	Ball bearing	170	140 x 110	105 x 75-80	11	55
LK-SE 160K	BH-SE 160K	LK-SE 160K-FI	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-SE 200K	BH-SE 200K	LK-SE 200K-FI	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	65



Variants / Accessories



	With non-marking grey tyre	With "stop-top" brake	With "ideal-stop" brake ttl. height +17mm*	With directional lock (retro fit)** 1 x 360°	With directional lock (retro fit)** 1 x 360°
Technical description page	37	77	77	78	78
Ref. No. extension	-SG	-ST	-IS	RI-03.03	RI-05.03
Available for wheel Ø [mm]	160 - 200	All sizes	160 + 200	100 plate 140x110	125 - 200

* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

** Only for swivel castors without brake.

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Further information on the Internet: www.blickle.de

Series: LH-SE, BH-SE

Pressed steel swivel and fixed castors, heavy duty brackets

 180 - 700 kg



Brackets: LH/BH Series - Pressed from sheet-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.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

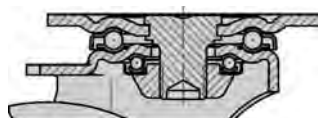
Wheels: SE Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance. Wheel centres: Strong welded steel construction with double-welded tubular steel hub or, for wheel Ø of 100+125 mm, direct vulcanisation of elastic solid rubber tyres onto the hub, ball bearing. Lacquered - colour anthracite.

Special Blicke wheel centre construction, very high stability, elegant and smooth design.
Detailed description: Page 168 and 37.

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Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-SE 100K-1	BH-SE 100K-1	LH-SE 100K-1-FI	100	40	180	100	40	180	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	40	180	100	40	180	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-SE 125K	BH-SE 125K	LH-SE 125K-FI	125	50	280	125	50	280	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-SE 160K	BH-SE 160K	LH-SE 160K-FI	160	50	400	160	50	400	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-SE 200K	BH-SE 200K	LH-SE 200K-FI	200	50	500	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	67
LH-SE 202K		*	200	80	700	200	80	700	Ball bearing	245	140 x 110	105 x 75-80	11	67
LH-SE 250K	BH-SE 250K	*	250	60	700	250	60	700	Ball bearing	295	140 x 110	105 x 75-80	11	82

* For the "stop-top" brake version, refer to Variants / Accessories.



Variants / Accessories



	With non-marking grey tyre	With "stop-top" brake	With "ideal-stop" brake ttl. height + 17mm**	With directional lock (retro fit)*** 1 x 360°	With sealing + grease nipple in the swivel head ***	Truck lock
Technical description page	37	77	77	78	63	78
Ref. No. extension	-SG	-ST	-IS	RI-05.03	-DN	FF160 / FF200
Available for wheel Ø [mm]	160 - 200	All sizes	160 + 200x50	125 - 200x50	Upon request	160 - 200 Rest upon request

** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

*** Only for swivel castors without brake.

Series: LO-SE, BO-SE

Welded steel heavy duty swivel and fixed castors

 280 - 900 kg

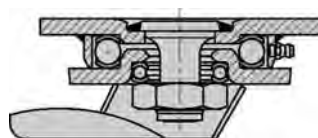


Brackets: LO/BO Series - Heavy welded steel construction, swivel bracket with double ball bearing in the swivel head, **additionally reinforced by the integration of four specially shaped and hardened bearing seats**, labyrinth swivel head sealing with grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 64 and 77.

Wheels: SE Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.
Wheel centres: Strong welded steel construction with double-welded tubular steel hub or, for wheel Ø of 125 mm, direct vulcanisation of elastic solid rubber tyres onto the hub, ball bearing.
Lacquered - colour anthracite.
Special Blicke wheel centre construction, very high stability, elegant and smooth design.
Detailed description: Page 168 and 37.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LO-SE 125K	BO-SE 125K	LO-SE 125K-ST	125	50	280	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-SE 160K	BO-SE 160K	LO-SE 160K-ST	160	50	400	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-SE 200K	BO-SE 200K	LO-SE 200K-ST	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-SE 202K	BO-SE 202K	LO-SE 202K-ST	200	80	700	Ball bearing	245	140 x 110	105 x 75-80	11	65
LO-SE 250K	BO-SE 250K	LO-SE 250K-ST	250	60	700	Ball bearing	295	140 x 110	105 x 75-80	11	70
LO-SE 252K	BO-SE 252K	LO-SE 252K-ST	250	80	850	Ball bearing	295	140 x 110	105 x 75-80	11	70
LO-SE 300K	BO-SE 300K	LO-SE 300K-ST	300	75	900	Ball bearing	350	140 x 110	105 x 75-80	11	75



Variants / Accessories



	With non-marking grey tyre	With plate size 175 x 140 mm	With directional lock 2 x 180°	Truck lock
Technical description page	37	72	78	78
Ref. No. extension	-SG	-35	-RI2	FF160 / FF200
Available for wheel Ø [mm]	160 - 200	Upon request	125 - 200x50	160 - 200 Rest upon request

Wheels + Castors

Series: LS-SE, BS-SE

Welded steel heavy duty
swivel and fixed castors,
extra strong swivel head design

280 - 1150 kg

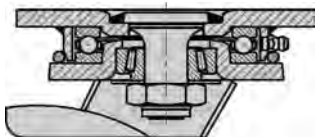


Brackets: LS/BS Series - Very rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof. Fitted grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated - yellow passivated.
Top plate drawings: Page 71 and 72.
Detailed description: Page 64 and 77.

Wheels: SE Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.
Ref. No. ...-Z: Pressed-on.
Wheel centres: Strong welded steel construction with double-welded tubular steel hub or, for wheel Ø of 125 mm, direct vulcanisation of elastic solid rubber tyres onto the hub, ball bearing, lacquered - colour anthracite.
Special Blickle wheel centre construction, very high stability, elegant and smooth design.
Detailed description: Page 168 and 37.

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Swivel castors	Fixed castors	Swivel castors with “stop-top” brake	Detailed description: Page 64 and 77.					Detailed description: Page 168 and 37.			
Ref. No.	Ref. No.	Ref. No.	Wheel Ø	Tyre width	Load capacity	Bearing version	Total height	Plate size	Bolt hole spacing	Bolt hole Ø	Offset swvl castor
			[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	[mm]
LS-SE 125K	BS-SE 125K	LS-SE 125K-ST	125	50	280	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-SE 160K	BS-SE 160K	LS-SE 160K-ST	160	50	400	Ball bearing	205	140 x 110	105 x 75-80	11	55
LS-SE 200K	BS-SE 200K	LS-SE 200K-ST	200	50	500	Ball bearing	245	140 x 110	105 x 75-80	11	60
LS-SE 202K	BS-SE 202K	LS-SE 202K-ST	200	80	700	Ball bearing	255	175 x 140	140 x 105	14	65
LS-SE 250K	BS-SE 250K	LS-SE 250K-ST	250	60	700	Ball bearing	305	175 x 140	140 x 105	14	75
LS-SE 252K	BS-SE 252K	LS-SE 252K-ST	250	80	850	Ball bearing	305	175 x 140	140 x 105	14	75
LS-SE 300K	BS-SE 300K	LS-SE 300K-ST	300	75	900	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



Variants / Accessories



	With non-marking grey tyre	With directional lock 2 x 180°	With directional lock 4 x 90°	Truck lock
Technical description page	37	78	78	78
Ref. No. extension	-SG	-RI2	-RI4	FF160 / FF200
Available for wheel Ø [mm]	160 - 200	All sizes	Upon request	160 - 200 Rest upon request

Castors+Wheels

Series: LSD-SE, BSD-SE

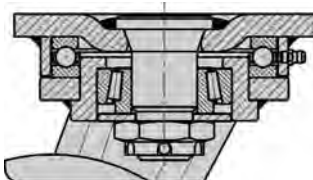
Welded steel heavy duty
double swivel and fixed castors,
extra strong swivel head design

800 - 1800 kg



Swivel castors	Fixed castors	Top plate drawings: Page 72. Detailed description: Page 64.						Detailed description: Page 168 and 37.			
		Wheel Ø	Tyre width	Load capacity	Bearing version	Total height	Plate size	Bolt hole spacing	Bolt hole Ø	Offset swvl castor	
Ref. No.	Ref. No.	[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	[mm]	
LSD-SE 160K-35	BSD-SE 160K-35	160	2 x 50	800	Ball bearing	220	140 x 175*	105 x 140	14	55	
LSD-SE 200K-35	BSD-SE 200K-35	200	2 x 50	1000	Ball bearing	260	140 x 175*	105 x 140	14	60	
LSD-SE 250K	BSD-SE 250K	250	2 x 60	1400	Ball bearing	330	200 x 255*	160 x 210	18	70	
LSD-SE 300K	BSD-SE 300K	300	2 x 75	1800	Ball bearing	380	200 x 255*	160 x 210	18	80	

* Fixed castors: Long plate side in parallel with the wheel axle



Brackets: LSD/BSL Series - Very 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, welded very strong, bolted and secured central kingpin, bolted wheel axle.
Wheel Ø 160+200 mm: Zinc-plated - yellow passivated.
Wheel Ø 250+300 mm: Lacquered - colour red.
Top plate drawings: Page 72.
Detailed description: Page 64.

Wheels: SE Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.
Wheel centres: Strong welded steel construction with double-welded tubular steel hub, ball bearing.
Lacquered - colour anthracite.
Special Bickie wheel centre construction, very high stability, elegant and smooth design.
Detailed description: Page 168 and 37.

Variants / Accessories



	With "Radstop" wheel brake	With directional lock
Technical description page	78	78
Ref. No. extension	-RA	
Available for wheel Ø [mm]	Upon request	Upon request

Series: GEV, SEV

Heavy duty wheels with elastic solid rubber tyres,
cast iron or welded steel wheel centre,
heavy design

725 - 3000 kg



Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, steel-wire reinforced, pressed-on, low rolling resistance.

Wheel centres: GEV series: Made of grey cast iron, very rugged, ball bearing, fitted grease nipple. Lacquered - colour anthracite.

SEV series: Very strong welded steel construction, double-welded tubular steel hub, ball bearing, fitted grease nipple.

Lacquered - colour anthracite.

Detailed description: Page 37 and 38.

Wheels

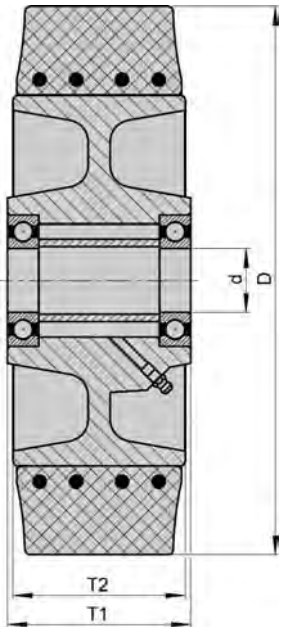
Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GEV 254/30K	250	130	975	Ball bearing	30	130
GEV 280/25K	280	75	725	Ball bearing	25	90
GEV 302/35K	300	90	900	Ball bearing	35	90
GEV 360/30K	360	60	750	Ball bearing	30	75
GEV 362/35K	360	75	950	Ball bearing	35	90
GEV 400/30K	400	75	1000	Ball bearing	30	90
GEV 405/45K	405	130	1500	Ball bearing	45	130
GEV 425/45K	425	150	1800	Ball bearing	45	150
GEV 500/35K	500	85	1300	Ball bearing	35	90
GEV 520/40K	520	100	1525	Ball bearing	40	100
SEV 550/60K	550	160	2250	Ball bearing	60	160
SEV 610/60K	610	150	2250	Ball bearing	60	150
SEV 620/65K	620	200	3000	Ball bearing	65	200

Further information on the Internet: www.blickle.de

Variants / Accessories



	With non-marking natural colour tyre	With steel-band tyre in drive quality	Wheel with hub cap (end wheel)	Further dimensions
Technical description page	37 - 38	37 - 38	79	
Ref. No. extension	-SN	-SBA	-E	
Available for wheel Ø [mm]	Upon request	Upon request	Upon request	Upon request



Castors+Wheels

Series: LS-GEV, LS-SEV, BS-GEV, BS-SEV

Welded steel heavy duty
swivel and fixed castors,
extra strong swivel head design

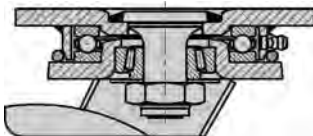
900 - 3000 kg



Swivel castors	Fixed castors	Top plate drawings: Page 72. Detailed description: Page 64.						Ritted grease nipple. Lacquered - colour anthracite. Detailed description: Page 174, 37 and 38.		
		Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [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-SEV 620K		620	200	3000	Ball bearing	710	255 x 200	210 x 160	18	130
	BS-SEV 620K	620	200	3000	Ball bearing	710	250 x 270	210 x 160	18	

Brackets: LS/BS Series - Very 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, welded very strong, bolted and secured central kingpin, bolted wheel axle,
wheel Ø 300 - 520 mm: Zinc-plated - yellow passivated,
wheel Ø 620 mm: Lacquered - colour red.
Top plate drawings: Page 72.
Detailed description: Page 64.

Wheels: GEV/SEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, steel-wire reinforced, pressed-on, low rolling resistance.
Wheel centres: GEV series: Made of grey cast iron, very rugged, ball bearing, fitted grease nipple. Lacquered - colour anthracite.
SEV series: Very strong welded steel construction, double-welded tubular steel hub, ball bearing, fitted grease nipple. Lacquered - colour anthracite.
Detailed description: Page 174, 37 and 38.



Variants / Accessories



	With "stop-top" brake	With "Radstop" wheel brake	With directional lock 2 x 180°	With directional lock 4 x 90°
Technical description page	77	78	78	78
Ref. No. extension	-ST	-RA	-RI2	-RI4
Available for wheel Ø [mm]	300	Upon request	Upon request	Upon request

Series: GEVN, SEVN

Heavy duty drive wheels with hub keyway,
elastic solid rubber tyres, cast iron or
welded steel wheel centre, heavy design

750 - 3000 kg



Tyres: Elastic solid rubber, drive quality, colour black, 65° shore A, with steel band, pressed-on, high wear resistance.

Wheel centres: GEVN series: Made of grey cast iron, very rugged. SEVN series: Very strong welded steel construction, borehole and hub keyway in acc. with DIN 6885.

Lacquered - colour anthracite.
Detailed description: Page 38 and 39.

Wheels

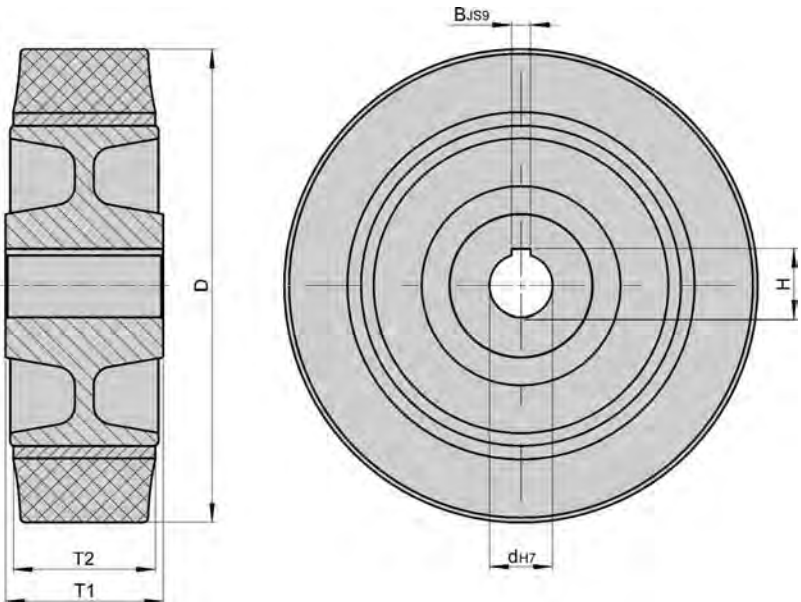
Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Axle bore Ø (d) [mm]	Hub groove length (B) [mm]	Hub groove height (H) [mm]	Hub length (T1) [mm]
GEVN 302/35H7	300	90	900	35 H7	10 JS9	38,3	90
GEVN 360/35H7	360	60	750	35 H7	10 JS9	38,3	60
GEVN 362/40H7	360	75	950	40 H7	12 JS9	43,3	75
GEVN 400/40H7	400	75	1000	40 H7	12 JS9	43,3	75
GEVN 405/50H7	405	130	1500	50 H7	14 JS9	53,8	130
GEVN 425/60H7	425	150	1800	60 H7	18 JS9	64,4	150
GEVN 500/40H7	500	85	1300	40 H7	12 JS9	43,3	90
GEVN 520/50H7	520	100	1525	50 H7	14 JS9	53,8	100
SEVN 610/70H7	610	150	2250	70 H7	20 JS9	74,9	150
SEVN 620/80H7	620	200	3000	80 H7	22 JS9	85,4	200

Further information on the internet: www.blickle.de

Variants / Accessories



	With steel-band tyre in friction wheel quality	Further dimensions
Technical description page	37 - 39	
Ref. No. extension	-SBR	
Available for wheel Ø [mm]	Upon request	Upon request



Series: DS

Heavy duty double wheels with elastic solid rubber tyres, welded steel wheel centre, heavy design

 1500 - 6000 kg



Tyres: Fitted two elastic solid rubber tyres, smooth rolling quality, colour black, 65° shore A, steel-wire reinforced, pressed-on, low rolling resistance.

Wheel centres: Very strong welded steel construction double-welded tubular steel hub, ball bearing, fitted grease nipple.

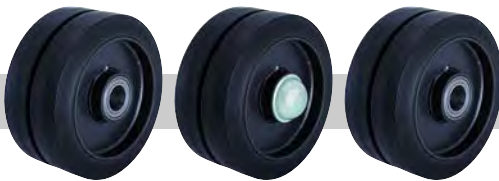
Lacquered - colour anthracite.

Detailed description: Page 37 and 39.

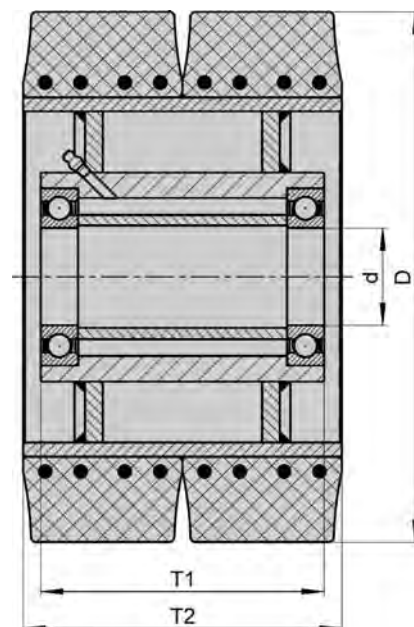
Wheels

Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
DS 300/50K	300	150 (2 x 75)	1500	Ball bearing	50	150
DS 302/55K	300	180 (2 x 90)	1800	Ball bearing	55	180
DS 361/50K	360	150 (2 x 75)	1900	Ball bearing	50	150
DS 400/55K	400	150 (2 x 75)	2000	Ball bearing	55	150
DS 405/75K	405	260 (2 x 130)	3000	Ball bearing	75	250
DS 415/60K	415	180 (2 x 90)	2300	Ball bearing	60	180
DS 425/80K	425	300 (2 x 150)	3600	Ball bearing	80	250
DS 500/60K	500	170 (2 x 85)	2600	Ball bearing	60	170
DS 620/100K	620	400 (2 x 200)	6000	Ball bearing	100	300

Variants / Accessories



	With steel-band tyre in drive quality	Wheel with hub cap (end wheel)	Further dimensions
Technical description page	37 - 39	79	
Ref. No. extension	-SBA	-E	
Available for wheel Ø [mm]	Upon request	Upon request	Upon request



Series: SAV

Heavy duty hub fitting wheels with elastic solid rubber tyres, welded steel wheel centre

 525 - 3000 kg



Tyres: Elastic solid rubber, drive quality, colour black, 65° shore A, steel-wire reinforced, pressed-on.
Wheel centres: Very strong welded steel construction, central piece with counter-sunk fitting holes for counter-sunk nuts or screws.
Lacquered - colour anthracite.
Detailed description: Page 37 and 39.

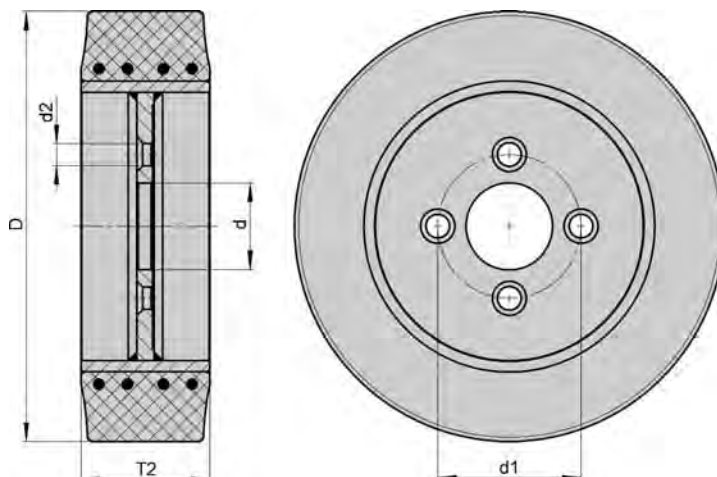
Wheels

Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Rim fitting dimensions:			
				No. of holes	Fitting hole Ø (d2) [mm]	Central hole Ø (d) [mm]	Hole circle Ø (d1) [mm]
SAV 250/4	250	60	525	4	16,5	60	100
SAV 252/4	250	80	675	4	16,5	60	100
SAV 300/4	300	75	750	4	16,5	60	100
SAV 300/5	300	75	750	5	16,5	67	112
SAV 302/4	300	90	900	4	16,5	60	100
SAV 302/5	300	90	900	5	16,5	67	112
SAV 360/4	360	60	750	4	16,5	60	100
SAV 360/5	360	60	750	5	16,5	67	112
SAV 362/4	360	75	950	4	16,5	60	100
SAV 362/5-67	360	75	950	5	16,5	67	112
SAV 362/5-82	360	75	950	5	16,5	82	130
SAV 400/4	400	65	900	4	16,5	60	100
SAV 400/5-67	400	65	900	5	16,5	67	112
SAV 400/5-82	400	65	900	5	16,5	82	130
SAV 402/4	400	75	1000	4	16,5	60	100
SAV 402/5-67	400	75	1000	5	16,5	67	112
SAV 402/5-82	400	75	1000	5	16,5	82	130
SAV 405/5	405	130	1500	5	18,5	110	145
SAV 405/6	405	130	1500	6	21,5	160	205
SAV 415/5	415	90	1150	5	18,5	110	145
SAV 415/6	415	90	1150	6	21,5	160	205
SAV 500/6	500	85	1300	6	21,5	160	205
SAV 520/6	520	100	1525	6	21,5	160	205
SAV 620/6	620	200	3000	6	21,5	160	205

Variants / Accessories



	With steel-band tyre in drive quality	Further dimensions
Technical description page	37 - 39	
Ref. No. extension	-SBA	
Available for wheel Ø [mm]	Upon request	Upon request





Contents: Section 8

Wheel series			Swivel bracket series (combined with the respective wheel series) For matching fixed castors, refer to the corresponding catalogue pages.							
			L	LS						
	P									
	Series	P	L-P	LS-P						
	Wheel Ø [mm]	180 - 490 mm	200 - 260 mm	400 - 415 mm						
	Load capacity [kg]	30 - 525 kg	75 - 250 kg	350 - 525 kg						
	Page	182 - 183	184	186						
	PS									
	Series	PS		LS-PS						
	Wheel Ø [mm]	300 - 536 mm		300 - 460 mm						
	Load capacity [kg]	350 - 1300 kg		450 - 1140 kg						
	Page	185		186						
	PK									
	Series	PK								
	Wheel Ø [mm]	200 - 400 mm								
	Load capacity [kg]	75 - 250 kg								
	Page	187								
	PA									
	Series	PA								
	Wheel Ø [mm]	400 - 536 mm								
	Load capacity [kg]	100 - 1300 kg								
	Page	188								



Wheels and castors with pneumatic tyres

Series: P, wheel Ø 180 - 300 mm

Wheels with pneumatic tyres, pressed steel rim

 75 - 250 kg



Tyres: Pneumatic tyres with ribbed or zig-zag profile, 2 or 4 ply rating, with tube.

Rims: Pressed steel, bolted or welded, welded tubular steel hub, plain, roller or ball bearing, zinc-plated.

With a reduced load capacity, max. speeds of up to 16 km/h are permissible for wheels with ball bearing, refer to the table.

Detailed description: Page 40.

Ribbed profile		Zig-zag profile									
Ref. No.	Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre dimension	Ply rating	Load cap. with 4 km/h [kg]	Load cap. with 16 km/h [kg]	Tyre pressure [bar/psi]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
P 180/20-48R-SG*		180	50	7 x 1 3/4	2	75	-	2,5/36	Roller bearing	20	48
P 200/20-48R		200	50	200x50	2	75	-	2,5/36	Roller bearing	20	48
P 200/20-60R		200	50	200x50	2	75	-	2,5/36	Roller bearing	20	60
P 220/20-75R	P 222/20-75R	220	65	2.50-4	2	100	-	2,0/30	Roller bearing	20	75
P 261/20-50G	P 263/20-50G	260	85	3.00-4	2	150	-	2,0/30	Plain bearing	20	50
P 261/20-50R	P 263/20-50R	260	85	3.00-4	2	150	-	2,0/30	Roller bearing	20	50
P 261/20-75R	P 263/20-75R	260	85	3.00-4	2	150	-	2,0/30	Roller bearing	20	75
P 261/25-75R	P 263/25-75R	260	85	3.00-4	2	150	-	2,0/30	Roller bearing	25	75
P 260/20-50K	P 262/20-50K	260	85	3.00-4	2	150	100	2,0/30	Ball bearing	20	50
P 265/20-75R	P 267/20-75R	260	85	3.00-4	4	250	-	3,5/50	Roller bearing	20	75
P 265/25-75R	P 267/25-75R	260	85	3.00-4	4	250	-	3,5/50	Roller bearing	25	75
P 265/25-75K	P 267/25-75K	260	85	3.00-4	4	250	130	3,5/50	Ball bearing	25	75
P 300/20-75R	P 302/20-75R	300	100	4.00-4	2	180	-	2,0/30	Roller bearing	20	75
P 300/25-75K	P 302/25-75K	300	100	4.00-4	2	180	120	2,0/30	Ball bearing	25	75

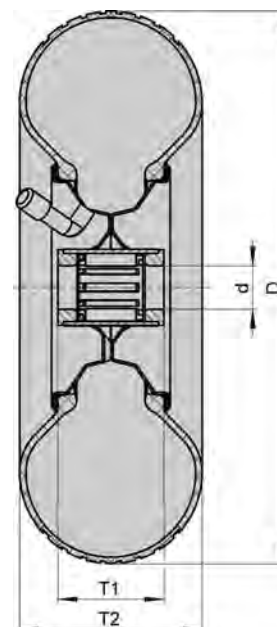
* With non-marking grey tyre

For further wheel Ø, refer to the following page.

Variants / Accessories



	With non-marking grey tyre	With puncture-proof, foam-filled tyre	Puncture-proof soft rubber wheels
Technical description page	40	40	35
Ref. No. extension	-SG	-AG	
Available for wheel Ø [mm]	200 - 260	Upon request	Refer to page 146.



Castors+Wheels

Series: P, wheel Ø 310 - 490 mm

Wheels with pneumatic tyres, pressed steel rim

 30 - 525 kg



Tyres: Pneumatic tyres with ribbed or zig-zag profile, 2 or 4 ply rating, with tube.

Rims: Pressed steel, drop-base design, double-side welded tubular steel hub, plain, roller or ball bearing. Lacquered - colour silver.

With a reduced load capacity, max. speeds of up to 16 km/h are permissible for wheels with ball bearing, refer to the table.

Detailed description: Page 40.

Ribbed profile	Zig-zag profile										
Ref. No.	Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre dimension	Ply rating	Load cap. with 4 km/h [kg]	Load cap. with 16 km/h [kg]	Tyre pressure [bar/psi]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
	P 310/20-75K	310	50	12½ x 2¼	2	50	30	2,5/36	Ball bearing	20	75
	P 320/25-75R	320	120	13x5.00-6	2	250	-	2,8/40	Roller bearing	25	75
P 340/25-90K		340	100	4.00-6	4	300	200	3,5/50	Ball bearing	25	90
P 401/20-90G		400	100	4.00-8	2	250	-	2,0/30	Plain bearing	20	90
P 401/25-90G		400	100	4.00-8	2	250	-	2,0/30	Plain bearing	25	90
P 401/20-90R	P 403/20-90R	400	100	4.00-8	2	250	-	2,0/30	Roller bearing	20	90
P 401/25-90R	P 403/25-90R	400	100	4.00-8	2	250	-	2,0/30	Roller bearing	25	90
P 401/25-90K	P 403/25-90K	400	100	4.00-8	2	250	150	2,0/30	Ball bearing	25	90
P 410/25-90R	P 412/25-90R	400	100	4.00-8	4	350	-	3,5/50	Roller bearing	25	90
P 410/25-90K	P 412/25-90K	400	100	4.00-8	4	350	250	3,5/50	Ball bearing	25	90
P 410/30-90K	P 412/30-90K	400	100	4.00-8	4	350	250	3,5/50	Ball bearing	30	90
	P 420/25-90K	415	115	4.00-8	4	525	390	3,5/50	Ball bearing	25	90
	P 420/30-90K	415	115	4.00-8	4	525	390	3,5/50	Ball bearing	30	90
	P 492/25-90R	490	100	3.50-12	4	300	-	2,5/36	Roller bearing	25	90

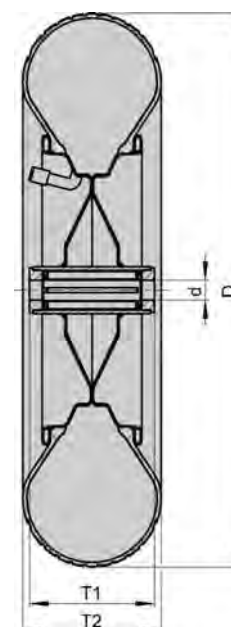
Variants / Accessories



With puncture-proof, foam-filled tyre

Wheel with hub cap (end wheel)

Technical description page	40	79
Ref. No. extension	-AG	-E
Available for wheel Ø [mm]	Upon request	Upon request



Series: L-P, B-P

Pressed steel swivel and fixed castors, medium duty brackets

 75 - 250 kg



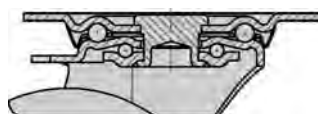
Brackets: L/B Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin and swivel head sealing (except for brackets with 175x175 mm plate), bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 62 and 77.

Wheels: P Series - Tyres: Pneumatic tyres with ribbed or zig-zag profile, 2 or 4 ply rating, with tube.
Rims: Pressed steel, bolted or welded, welded tubular steel hub, roller bearing, zinc-plated.
Detailed description: Page 182 and 40.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
Ref. No.	Ref. No.	Ref. No.									
L-P 200R*	B-P 200R*	L-P 200R-ST*	200	50	75	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-P 220R*	B-P 220R*	L-P 220R-ST*	220	65	100	Roller bearing	250	140 x 110	105 x 75-80	11	67
L-P 222R	B-P 222R	L-P 222R-ST	220	65	100	Roller bearing	250	140 x 110	105 x 75-80	11	67
L-P 261R*	B-P 261R*	L-P 261R-ST*	260	85	150	Roller bearing	308	175 x 175	140 x 140	15	78
L-P 263R	B-P 263R	L-P 263R-ST	260	85	150	Roller bearing	308	220 x 120	190 x 75	15	78
L-P 265R*	B-P 265R*	L-P 265R-ST*	260	85	250	Roller bearing	308	175 x 175	140 x 140	15	78
L-P 267R	B-P 267R	L-P 267R-ST	260	85	250	Roller bearing	308	220 x 120	190 x 75	15	78
			260	85	250	Roller bearing	308	220 x 120	190 x 75	15	78

* Ribbed profile



Variants / Accessories




	With non-marking grey tyre	With puncture-proof, foam-filled tyre	With directional lock (retro fit)** 1 x 360°	Castors with puncture-proof soft rubber wheels
Technical description page	40	40	78	35
Ref. No. extension	-SG	-AG	RI-05.03	
Available for wheel Ø [mm]	All sizes	Upon request	200	Refer to page 147.

** Only for swivel castors without brake.

Castors+Wheels

Series: PS
Heavy duty wheels with pneumatic tyres,
pressed steel rim

 350 - 1300 kg



Tyres: Industrial pneumatic tyres for heavy loads, zig-zag profile, 6, 8 or 10 ply rating, with tube.
Rims: Heavy flat-base design, pressed steel, bolted, welded tubular steel hub, ball bearing, grease nipple, zinc-plated.

With a reduced load capacity, max. speeds of up to 25 km/h are permissible, refer to the table.

Detailed description: Page 40.

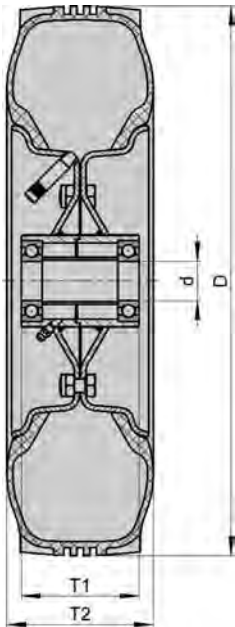
Wheels										
Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre dimension	Ply rating	Load cap. with 4 km/h [kg]	Load cap. with 25 km/h [kg]	Tyre pressure [bar/psi]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PS 310/20-75K	300	100	4.00-4	6	450	350	7,5/110	Ball bearing	20	75
PS 310/25-75K	300	100	4.00-4	6	450	350	7,5/110	Ball bearing	25	75
PS 315/25-75K	305	105	4.00-4	6	550	400	7,5/110	Ball bearing	25	75
PS 430/25-90K	420	115	4.00-8	6	650	500	7,0/101	Ball bearing	25	90
PS 430/30-90K	420	115	4.00-8	6	650	500	7,0/101	Ball bearing	30	90
PS 432/30-90K	420	115	4.00-8	8	750	600	7,0/101	Ball bearing	30	90
PS 464/30-90K	460	130	5.00-8	8	1140	770	7,0/101	Ball bearing	30	90
PS 536/35-120K	536	165	6.00-9	10	1300	1050	7,0/101	Ball bearing	35	120

Variants / Accessories



Wheel with hub cap
(end wheel)

Technical description page	79
Ref. No. extension	-E
Available for wheel Ø [mm]	Upon request



Series: LS-P, LS-PS, BS-P, BS-PS

Welded steel heavy duty swivel and fixed castors, extra strong swivel head design

 350 - 1140 kg



Swivel castors

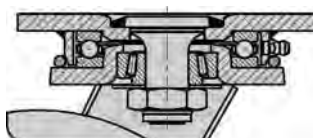
Fixed castors

Brackets: LS/BS Series - Very 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, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated - yellow passivated.
Top plate drawings: Page 72.
Detailed description: Page 64.

Wheels: Tyres: P series: Pneumatic tyres with ribbed or zig-zag profile, 4 ply rating, with tube.
PS series: Industrial pneumatic tyres for heavy loads, zig-zag profile, 6 or 8 ply rating, with tube.
Rims: P series: Pressed steel, drop-base design, welded, tubular steel hub, ball bearing.
Lacquered - colour silver.
PS series: Heavy flat-base design, pressed steel, bolted, welded tubular steel hub, ball bearing, grease nipple.
zinc-plated.
Detailed description: Page 183, 185 and 40.

Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LS-PS 310K	BS-PS 310K	300	100	450	Ball bearing	355	200 x 160	160 x 120	14	85
LS-PS 315K	BS-PS 315K	305	105	550	Ball bearing	358	200 x 160	160 x 120	14	85
LS-P 410K*	BS-P 410K*	400	100	350	Ball bearing	470	200 x 160	160 x 120	14	100
LS-P 420K	BS-P 420K	415	115	525	Ball bearing	478	200 x 160	160 x 120	14	100
LS-PS 430K	BS-PS 430K	420	115	650	Ball bearing	480	200 x 160	160 x 120	14	100
LS-PS 432K	BS-PS 432K	420	115	750	Ball bearing	480	200 x 160	160 x 120	14	100
LS-PS 464K	BS-PS 464K	460	130	1140	Ball bearing	520	200 x 160	160 x 120	14	110

* Ribbed profile



Variants / Accessories



	With "Radstop" wheel brake	With directional lock 2 x 180°	With directional lock 4 x 90°
Technical description page	78	78	78
Ref. No. extension	-RA	-RI2	-RI4
Available for wheel Ø [mm]	Upon request	Upon request	Upon request

Series: PK

Wheels with pneumatic tyres, synthetic rim

 75 - 250 kg



Tyres: Pneumatic tyres with ribbed or zig-zag profile, 2 ply rating, with tube.

Rims: Made of polypropylene, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing, colour black.

Detailed description: Page 41.

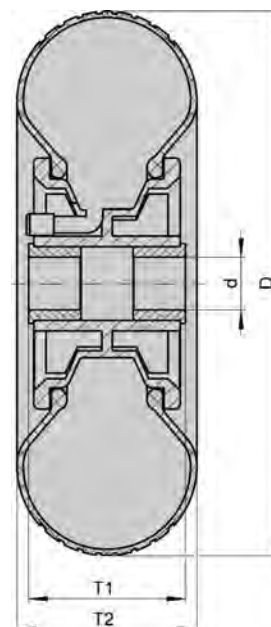
Ribbed profile		Zig-zag profile								
Ref. No.	Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre dimension	Ply rating	Load capacity [kg]	Tyre pressure [bar/psi]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PK 200/20-60G		200	50	200x50	2	75	2,5/36	Plain bearing	20	60
	PK 257/20-75G*	260	85	3.00-4	2	150	2,0/30	Plain bearing	20	75
PK 260/20-75G	PK 262/20-75G	260	85	3.00-4	2	150	2,0/30	Plain bearing	20	75
PK 260/25-75G	PK 262/25-75G	260	85	3.00-4	2	150	2,0/30	Plain bearing	25	75
PK 260/20-75R	PK 262/20-75R	260	85	3.00-4	2	150	2,0/30	Roller bearing	20	75
PK 260/25-75R	PK 262/25-75R	260	85	3.00-4	2	150	2,0/30	Roller bearing	25	75
PK 260/20-75K	PK 262/20-75K	260	85	3.00-4	2	150	2,0/30	Ball bearing	20	75
PK 300/20-75G	PK 302/20-75G	300	100	4.00-4	2	180	2,0/30	Plain bearing	20	75
PK 300/25-75G	PK 302/25-75G	300	100	4.00-4	2	180	2,0/30	Plain bearing	25	75
PK 300/20-75R	PK 302/20-75R	300	100	4.00-4	2	180	2,0/30	Roller bearing	20	75
PK 300/25-75R	PK 302/25-75R	300	100	4.00-4	2	180	2,0/30	Roller bearing	25	75
PK 300/20-75K	PK 302/20-75K	300	100	4.00-4	2	180	2,0/30	Ball bearing	20	75
PK 400/20-75G	PK 402/20-75G	400	100	4.00-8	2	250	2,0/30	Plain bearing	20	75
PK 400/25-75G	PK 402/25-75G	400	100	4.00-8	2	250	2,0/30	Plain bearing	25	75
PK 400/20-75R	PK 402/20-75R	400	100	4.00-8	2	250	2,0/30	Roller bearing	20	75
PK 400/25-75R	PK 402/25-75R	400	100	4.00-8	2	250	2,0/30	Roller bearing	25	75

* Reduced profile depth

Variants / Accessories



	With non-marking grey tyre	With puncture-proof, foam-filled tyre	Red centre	Puncture-proof soft rubber wheels
Technical description page	41	41	41	35
Ref. No. extension	-SG	-AG	-ROT	
Available for wheel Ø [mm]	200 - 260	Upon request	260 - 400	Refer to page 148.



Series: PA

Hub fitting wheels with pneumatic tyres,
pressed steel rim

100 - 1300 kg



Tyres: Pneumatic tyres with zig-zag profile, 2 - 10 ply rating, with tube.
Rims: Pressed steel, bolted or welded, with impressed or counter-sunk fitting holes for counter-sunk nuts or screws.
Wheel Ø 400 - 415 mm:
Lacquered - colour silver.
Wheel Ø 420 - 536 mm: zinc-plated.

With a reduced load capacity, max. speeds of up to 25 km/h are permissible, refer to the table.

Detailed description: Page 41.

Wheels

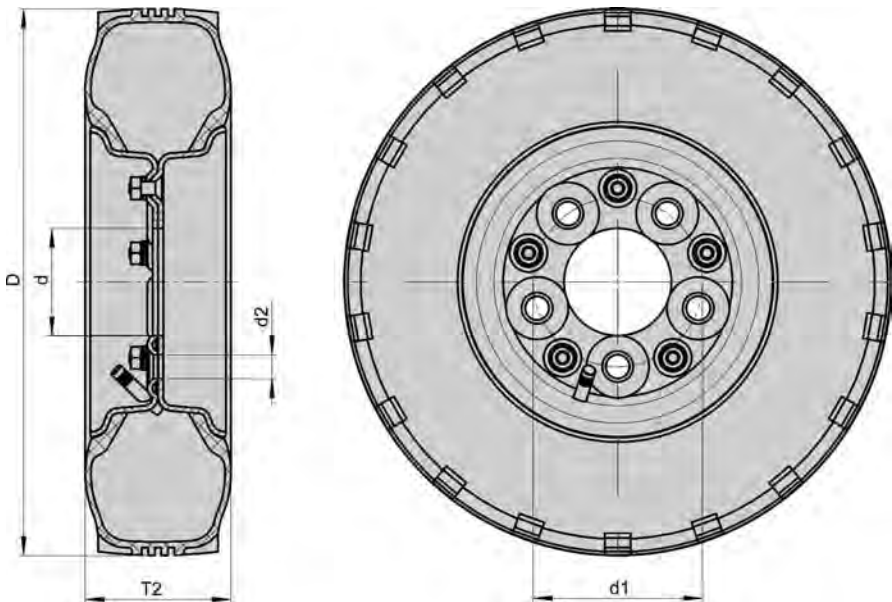
Ref. No.	Wheel Ø	Tyre width	Tyre dimension	Ply rating	Load cap. with 4 km/h	Load cap. with 25 km/h	Tyre pressure	Rim fitting dimensions:			
	(D) [mm]	(T2) [mm]			[kg]	[kg]	[bar/psi]	No. of holes	Fitting hole Ø (d2) [mm]	Central hole Ø (d) [mm]	Hole circle Ø (d1) [mm]
PA 402/4	400	100	4.00-8	2	250	100	2,0/30	4	14,5	60	100
PA 412/4	400	100	4.00-8	4	350	160	3,5/50	4	14,5	60	100
PA 420/4	415	115	4.00-8	4	525	300	3,5/50	4	14,5	60	100
PA 430/5	420	115	4.00-8	6	650	500	7,0/101	5	16,5	82	130
PA 432/5	420	115	4.00-8	8	750	600	7,0/101	5	16,5	82	130
PA 464/5	460	130	5.00-8	8	1140	770	7,0/101	5	16,5	82	130
PA 536/5	536	165	6.00-9	10	1300	1050	7,0/101	5	16,5	110	145

Variants / Accessories







Further fitting dimensions

Technical description page	
Ref. No. extension	
Available for wheel Ø [mm]	Upon request





Contents: Section 9

Wheel series		Swivel bracket series (combined with the respective wheel series) For matching fixed castors, refer to the corresponding catalogue pages.							
		L	LS						
	VLE								
	Series	VLE	L-VLE	LS-VLE					
	Wheel Ø [mm]	250 - 525 mm	250 mm	250 - 455 mm					
	Load capacity [kg]	195 - 1885 kg	260 kg	260 - 1415 kg					
	Page	192	193	194					
	VLEA								
	Series	VLEA							
	Wheel Ø [mm]	405 - 525 mm							
	Load capacity [kg]	730 - 1885 kg							
	Page	195							



**Heavy duty wheels and castors
with super-elastic solid rubber tyres**

Series: VLE

Heavy duty wheels with super-elastic solid rubber tyres, pressed steel rim

 195 - 1885 kg



Tyres: This 3-component tyre consists of:

Rubber core: Steel wire cores embedded in a tough and hard rubber compound to ensure a tight tyre seat on the rim.

Cushion layer: Ensures shock and vibration absorption, which protects the transport equipment and goods, has low rolling resistance and minimum energy consumption.

Tread: The thick, abrasion-resistant tread ensures a long service life.

Rims: Heavy flat-base design, pressed steel, bolted, welded tubular steel hub, ball bearing, fitted grease nipple, zinc-plated.

With a reduced load capacity, max. speeds of up to 25 km/h are permissible, refer to the table.

Detailed description: Page 42.

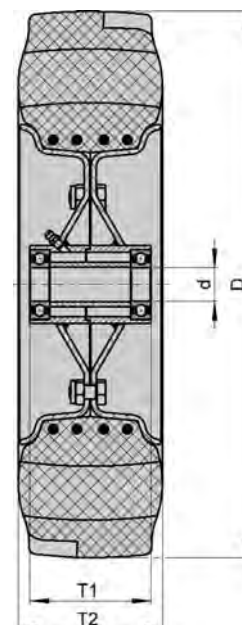
Ribbed profile		Zig-zag profile								
Ref. No.	Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Tyre dimension	Rim dimension	Load cap. with 6 km/h [kg]	Load cap. with 25 km/h [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VLE 250/20-75K	VLE 255/20-75K	250	85	3.00-4	2.10-4	260	195	Ball bearing	20	75
VLE 250/25-75K	VLE 255/25-75K	250	85	3.00-4	2.10-4	260	195	Ball bearing	25	75
	VLE 257/25-75K	250	85	3.00-4	2.50C-4	300	195	Ball bearing	25	75
VLE 305/20-75K	VLE 310/20-75K	306	105	4.00-4	2.50C-4	535	400	Ball bearing	20	75
VLE 305/25-75K	VLE 310/25-75K	306	105	4.00-4	2.50C-4	535	400	Ball bearing	25	75
VLE 405/25-90K	VLE 410/25-90K	405	105	4.00-8	3.00D-8	950	730	Ball bearing	25	90
VLE 405/30-90K	VLE 410/30-90K	405	105	4.00-8	3.00D-8	950	730	Ball bearing	30	90
	VLE 460/30-90K	455	120	5.00-8	3.00D-8	1415	1090	Ball bearing	30	90
	VLE 530/45-120K	525	140	6.00-9	4.00E-9	1885	1450	Ball bearing	45	120

* Refer to the detailed description on page 42.

Variants / Accessories



	With non-marking tyre	Antistatic version, black tyre	Wheel with hub cap (end wheel)
Technical description page	42	42	79
Ref. No. extension	-SN	-AS	-E
Available for wheel Ø [mm]	Upon request	Upon request	Upon request



Castors+Wheels

Series: L-VLE, B-VLE
Pressed steel swivel and fixed castors,
medium duty brackets

 260 kg



Brackets: L/B Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Bickkle procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin, bolted wheel axle, zinc-plated.
Top plate drawings: Page 71.
Detailed description: Page 62 and 77.

Wheels: VLE Series - Tyres: Super-elastic solid rubber, hard rubber core, the elastic cushion layer and the abrasion-resistant tread facilitate high operational comfort and a long service life.
Rims: Heavy flat-base design, pressed steel, bolted, welded tubular steel hub, ball bearing, grease nipple, zinc-plated.
Detailed description: Page 192 and 42.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width* [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
L-VLE 250K	B-VLE 250K B-VLE 255K**	L-VLE 250K-ST	250	85	260	Ball bearing	295	175 x 175	140 x 140	15	70
L-VLE 255K**		L-VLE 255K-ST**	250	85	260	Ball bearing	295	175 x 175	140 x 140	15	70
			250	85	260	Ball bearing	295	220 x 120	190 x 75	15	

* Refer to the detailed description on page 42.
** Zig-zag profile



Variants / Accessories



	With non-marking tyre	Antistatic version, black tyre
Technical description page	42	42
Ref. No. extension	-SN	-AS
Available for wheel Ø [mm]	Upon request	Upon request

Series: LS-VLE, BS-VLE

Welded steel heavy duty swivel and fixed castors, extra strong swivel head design

 260 - 1415 kg



Brackets: LS/BS Series - Very 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, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated - yellow passivated.
Top plate drawings: Page 72.
Detailed description: Page 64 and 77.

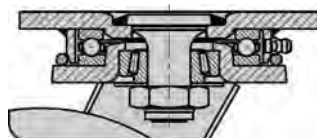
Wheels: VLE Series - Tyres: Super-elastic solid rubber, hard rubber core, the elastic cushion layer and the abrasion-resistant tread facilitate high operational comfort and a long service life.
Rims: Heavy flat-base design, pressed steel, bolted, welded tubular steel hub, ball bearing, fitted grease nipple, zinc-plated.
Detailed description: Page 192 and 42.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake	Wheel Ø [mm]	Tyre width* [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LS-VLE 250K**	BS-VLE 250K**	LS-VLE 250K-ST**	250	85	260	Ball bearing	305	175 x 140	140 x 105	14	75
LS-VLE 255K	BS-VLE 255K	LS-VLE 255K-ST	250	85	260	Ball bearing	305	175 x 140	140 x 105	14	75
LS-VLE 257K	BS-VLE 257K	LS-VLE 257K-ST	250	85	300	Ball bearing	305	175 x 140	140 x 105	14	75
LS-VLE 305K**	BS-VLE 305K**	***	306	105	535	Ball bearing	358	200 x 160	160 x 120	14	85
LS-VLE 310K	BS-VLE 310K	***	306	105	535	Ball bearing	358	200 x 160	160 x 120	14	85
LS-VLE 405K**	BS-VLE 405K**	***	405	105	950	Ball bearing	473	200 x 160	160 x 120	14	100
LS-VLE 410K	BS-VLE 410K	***	405	105	950	Ball bearing	473	200 x 160	160 x 120	14	100
LS-VLE 460K	BS-VLE 460K	***	455	120	1415	Ball bearing	518	200 x 160	160 x 120	14	110

* Refer to the detailed description on page 42.

** Ribbed profile.

*** For the "Radstop" brake variant, refer to Variants / Accessories.



Variants / Accessories



	With non-marking tyre	Antistatic version, black tyre	With "Radstop" wheel brake	With directional lock 2 x 180°
Technical description page	42	42	78	78
Ref. No. extension	-SN	-AS	-RA	-RI2
Available for wheel Ø [mm]	Upon request	Upon request	Upon request	Upon request

Series: VLEA

Heavy duty hub fitting wheels
with super-elastic solid rubber tyres,
pressed steel rim

730 - 1885 kg



Tyres: This 3-component tyre consists of:
Rubber core: Steel cores embedded in a tough and hard rubber compound to ensure a tight tyre seat on the rim.
Cushion layer: Ensures shock and vibration absorption, which protects the transport equipment and goods, has low rolling resistance and minimum energy consumption.
Tread: The thick, abrasion-resistant tread ensures a long service life.

Rims: Heavy flat-base design, pressed steel, bolted, with impressed or counter-sunk fitting holes for counter-sunk nuts or screws, zinc-plated.

With a reduced load capacity, max. speeds of up to 25 km/h are permissible, refer to the table.

Detailed description: Page 42.

Wheels

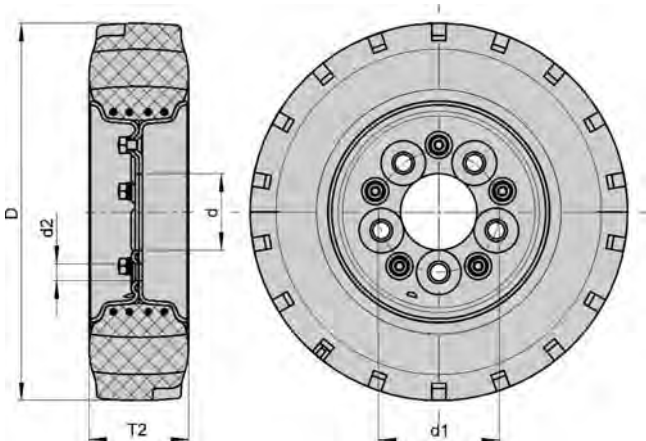
Ref. No.	Wheel Ø	Tyre width (T2) [mm]	Tyre dimension	Rim dimension	Load cap. with 6 km/h [kg]	Load cap. with 25 km/h [kg]	Rim fitting dimensions:			
	(D) [mm]						No. of holes	Fitting hole Ø (d2) [mm]	Central hole Ø (d) [mm]	Hole circle Ø (d1) [mm]
VLEA 410/5	405	105	4.00-8	3.00D-8	950	730	5	16,5	82	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

* Refer to the detailed description on page 42.

Variants / Accessories












	With non-marking tyre	Antistatic version, black tyre	Further fitting dimensions
Technical description page	42	42	
Ref. No. extension	-SN	-AS	
Available for wheel Ø [mm]	Upon request	Upon request	Upon request



Contents: Section 10

Wheel series

Wheel series			Swivel bracket series (combined with the respective wheel series) For matching fixed castors, refer to the corresponding catalogue pages.						
			LE	LER	L	LK	LKR	LH	
	PTH								
	Series	PTH	LE-PTH	LER-PTH	L-PTH				
	Wheel Ø [mm]	80 - 200 mm	80 - 200 mm	80 - 200 mm	80 - 200 mm				
	Load capacity [kg]	125 - 500 kg	125 - 300 kg	125 - 300 kg	125 - 400 kg				
	Page	198	199	200	201				
	POTH								
	Series	POTH			L-POTH	LK-POTH	LKR-POTH	LH-POTH	
	Wheel Ø [mm]	75 - 200 mm			100 - 200 mm	75 - 200 mm	75 - 125 mm	75 - 200 mm	
	Load capacity [kg]	150 - 700 kg			200 - 400 kg	150 - 600 kg	150 - 250 kg	150 - 700 kg	
	Page	202			203	204	205	206	



**Wheels and castors
with injection-moulded polyurethane tread**

Series: PTH

Wheels with polyurethane tread, nylon wheel centre

 125 - 500 kg



Treads: Made of injection-moulded polyurethane, colour grey, non-marking, 98° shore A, abrasion-resistant, non-staining, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre.

Wheel centres: Made of high-quality nylon, colour light grey, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing.
Detailed description: Page 43.

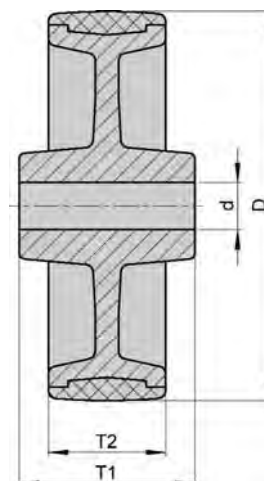
Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PTH 80/12G	80	30	125	Plain bearing	12	35
PTH 80/12R	80	30	125	Roller bearing	12	35
PTH 100/12G	100	30	150	Plain bearing	12	45
PTH 100/12R	100	30	150	Roller bearing	12	45
PTH 100/15R	100	30	150	Roller bearing	15	45
PTH 100/8K	100	30	150	Ball bearing	8	46
PTH 100/10K	100	30	150	Ball bearing	10	46
PTH 125/12G	125	30	180	Plain bearing	12	45
PTH 125/12R	125	30	180	Roller bearing	12	45
PTH 125/15R	125	30	180	Roller bearing	15	45
PTH 125/8K	125	30	180	Ball bearing	8	46
PTH 125/10K	125	30	180	Ball bearing	10	46
PTH 160/20G	160	40	400	Plain bearing	20	60
PTH 160/20R	160	40	400	Roller bearing	20	60
PTH 160/20K	160	40	400	Ball bearing	20	60
PTH 200/20G	200	50	500	Plain bearing	20	60
PTH 200/20R	200	50	400	Roller bearing	20	60
PTH 200/20K	200	50	500	Ball bearing	20	60

Variants / Accessories




	Antistatic version, non-marking grey	With stainless steel roller bearing	With stainless steel ball bearing
Technical description page	43	57	57
Ref. No. extension	-ELS	-XR	-XK
Available for wheel Ø [mm]	Upon request	All sizes	Upon request



Castors+Wheels

Series: LE-PTH, BE-PTH, B-PTH

Pressed steel swivel and fixed castors

 125 - 300 kg



Brackets: LE/BE/B Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, with swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.

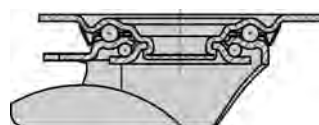
Detailed description: Page 62 and 76.

Wheels: PTH Series - Treads: Made of injection-moulded polyurethane, colour grey, non-marking, 98° shore A, abrasion-resistant, non-staining, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre.

Wheel centres: Made of high-quality nylon, colour light grey, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing.

Detailed description: Page 198 and 43.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LE-PTH 80G	B-PTH 80G	LE-PTH 80G-FI	80	30	125	Plain bearing	102	100 x 85	80 x 60	9	38
LE-PTH 80R	B-PTH 80R	LE-PTH 80R-FI	80	30	125	Roller bearing	102	100 x 85	80 x 60	9	38
LE-PTH 100G	BE-PTH 100G	LE-PTH 100G-FI	100	30	150	Plain bearing	125	100 x 85	80 x 60	9	36
LE-PTH 100R	BE-PTH 100R	LE-PTH 100R-FI	100	30	150	Roller bearing	125	100 x 85	80 x 60	9	36
LE-PTH 100K	BE-PTH 100K	LE-PTH 100K-FI	100	30	150	Ball bearing	125	100 x 85	80 x 60	9	36
LE-PTH 125G	BE-PTH 125G	LE-PTH 125G-FI	125	30	150	Plain bearing	150	100 x 85	80 x 60	9	40
LE-PTH 125R	BE-PTH 125R	LE-PTH 125R-FI	125	30	150	Roller bearing	150	100 x 85	80 x 60	9	40
LE-PTH 125K	BE-PTH 125K	LE-PTH 125K-FI	125	30	150	Ball bearing	150	100 x 85	80 x 60	9	40
LE-PTH 160G	B-PTH 160G	LE-PTH 160G-FI	160	40	300	Plain bearing	195	140 x 110	105 x 75-80	11	54
LE-PTH 160R	B-PTH 160R	LE-PTH 160R-FI	160	40	300	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-PTH 160K	B-PTH 160K	LE-PTH 160K-FI	160	40	300	Ball bearing	195	140 x 110	105 x 75-80	11	54
LE-PTH 200G	B-PTH 200G	LE-PTH 200G-FI	200	50	300	Plain bearing	235	140 x 110	105 x 75-80	11	54
LE-PTH 200R	B-PTH 200R	LE-PTH 200R-FI	200	50	300	Roller bearing	235	140 x 110	105 x 75-80	11	54
LE-PTH 200K	B-PTH 200K	LE-PTH 200K-FI	200	50	300	Ball bearing	235	140 x 110	105 x 75-80	11	54



Variants / Accessories



	Antistatic version, non-marking grey	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With directional lock (retro fit)* 1 x 360°	With stainless steel roller bearing in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	43	79	77	78	57	57
Ref. No. extension	-ELS	-FA	-ST	RI-03.03	-XR	-XK
Available for wheel Ø [mm]	Upon request	All sizes	160 + 200	160 + 200	All sizes	Upon request

* Only for swivel castors without brake.

Series: LER-PTH

Pressed steel swivel castors with bolt hole fitting

 125 - 300 kg



Brackets: LER Series - Pressed steel, with bolt hole, double ball bearing in the swivel head and strong central kingpin, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, bolted wheel axle, zinc-plated.

Detailed description: Page 62 and 76.

Wheels: PTH Series - Treads: Made of injection-moulded polyurethane, colour grey, non-marking, 98° shore A, abrasion-resistant, non-staining, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre. Wheel centres: Made of high-quality nylon, colour light grey, shock and impact-resistant, corrosion-resistant, plain or roller bearing.

Detailed description: Page 198 and 43.

Detailed description: Page 198 and 43.

Swivel castors	Swivel castors with “stop-fix” brake									
Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LER-PTH 80G	LER-PTH 80G-FI	80	30	125	Plain bearing	102	70	13	38	
LER-PTH 80R	LER-PTH 80R-FI	80	30	125	Roller bearing	102	70	13	38	
LER-PTH 100G	LER-PTH 100G-FI	100	30	150	Plain bearing	125	70	13	36	
LER-PTH 100R	LER-PTH 100R-FI	100	30	150	Roller bearing	125	70	13	36	
LER-PTH 125G	LER-PTH 125G-FI	125	30	150	Plain bearing	150	70	13	40	
LER-PTH 125R	LER-PTH 125R-FI	125	30	150	Roller bearing	150	70	13	40	
LER-PTH 160G	LER-PTH 160G-FI	160	40	300	Plain bearing	195	88	13	54	
LER-PTH 160R	LER-PTH 160R-FI	160	40	300	Roller bearing	195	88	13	54	
LER-PTH 200G	LER-PTH 200G-FI	200	50	300	Plain bearing	235	88	13	54	
LER-PTH 200R	LER-PTH 200R-FI	200	50	300	Roller bearing	235	88	13	54	




Variants / Accessories



	Antistatic version, non-marking grey	With pressed steel thread guard, zinc-plated	With stainless steel roller bearing in the wheel hub
Technical description page	43	79	57
Ref. No. extension	-ELS	-FA	-XR
Available for wheel Ø [mm]	Upon request	All sizes	All sizes

Series: L-PTH, B-PTH

Pressed steel swivel and fixed castors, medium duty brackets

 125 - 400 kg



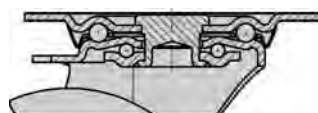
Brackets: L/B Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Bickie procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 160+200 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: PTH Series - Treads: Made of injection-moulded polyurethane, colour grey, non-marking, 98° shore A, abrasion-resistant, non-staining, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre. Wheel centres: Made of high-quality nylon, colour light grey, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing.

Detailed description: Page 198 and 43.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
L-PTH 80G	B-PTH 80G	L-PTH 80G-FI	80	30	125	Plain bearing	102	100 x 85	80 x 60	9	38
L-PTH 80R	B-PTH 80R	L-PTH 80R-FI	80	30	125	Roller bearing	102	100 x 85	80 x 60	9	38
L-PTH 100R	B-PTH 100R	L-PTH 100R-FI	100	30	150	Roller bearing	125	100 x 85	80 x 60	9	36
L-PTH 100K	B-PTH 100K	L-PTH 100K-FI	100	30	150	Ball bearing	125	100 x 85	80 x 60	9	36
L-PTH 125R	B-PTH 125R	L-PTH 125R-FI	125	30	180	Roller bearing	150	100 x 85	80 x 60	9	40
L-PTH 125K	B-PTH 125K	L-PTH 125K-FI	125	30	180	Ball bearing	150	100 x 85	80 x 60	9	40
L-PTH 160R	B-PTH 160R	L-PTH 160R-FI	160	40	400	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-PTH 160K	B-PTH 160K	L-PTH 160K-FI	160	40	400	Ball bearing	195	140 x 110	105 x 75-80	11	60
L-PTH 200R	B-PTH 200R	L-PTH 200R-FI	200	50	400	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-PTH 200K	B-PTH 200K	L-PTH 200K-FI	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65



Variants / Accessories



	Antistatic version, non-marking grey	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With directional lock (retro fit)* 1 x 360°	With stainless steel roller bearing in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	43	79	77	78	57	57
Ref. No. extension	-ELS	-FA	-ST	RI-05.03	-XR	-XK
Available for wheel Ø [mm]	Upon request	All sizes	All sizes	160 + 200	All sizes	Upon request

* Only for swivel castors without brake.

Series: POTH

Wheels with polyurethane tread, heavy nylon wheel centre

 150 - 700 kg



Treads: Made of injection-moulded polyurethane, colour brown, non-marking, 98° shore A, non-staining, abrasion-resistant, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre.

Wheel centres: Made of high-quality nylon, colour natural white, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing. Detailed description: Page 43.

Alternatively available with soft tread with improved skid resistance, colour grey, 92° shore A, refer to Variants / Accessories.

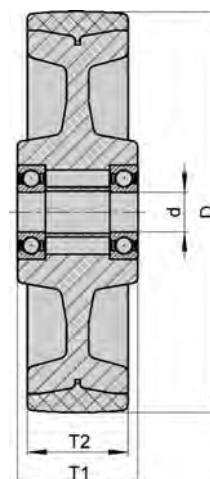
Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POTH 75/15G	75	37	150	Plain bearing	15	45
POTH 75/15R	75	37	150	Roller bearing	15	45
POTH 100/12G	100	35	200	Plain bearing	12	45
POTH 100/15G	100	35	200	Plain bearing	15	45
POTH 100/12R	100	35	200	Roller bearing	12	45
POTH 100/15R	100	35	200	Roller bearing	15	45
POTH 100/10K	100	35	200	Ball bearing	10	46
POTH 125/12G	125	35	250	Plain bearing	12	45
POTH 125/15G	125	35	250	Plain bearing	15	45
POTH 125/12R	125	35	250	Roller bearing	12	45
POTH 125/15R	125	35	250	Roller bearing	15	45
POTH 125/10K	125	35	250	Ball bearing	10	46
POTH 125/15K	125	35	250	Ball bearing	15	45
POTH 150/20G	150	40	400	Plain bearing	20	60
POTH 150/20R	150	40	400	Roller bearing	20	60
POTH 150/20K	150	40	400	Ball bearing	20	60
POTH 200/20G	200	50	700	Plain bearing	20	60
POTH 200/20R	200	50	400	Roller bearing	20	60
POTH 200/20K	200	50	700	Ball bearing	20	60
POTH 200/25K	200	50	700	Ball bearing	25	60

Variants / Accessories




	With soft tread, 92° shore A, non-marking grey	With stainless steel roller bearing	With stainless steel ball bearing
Technical description page	43	57	57
Ref. No. extension	-WE	-XR	-XK
Available for wheel Ø [mm]	Upon request	All sizes	Upon request



Series: L-POTH, B-POTH

Pressed steel swivel and fixed castors, medium duty brackets

 200 - 400 kg



Brackets: L/B Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Bickie procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 150+200 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

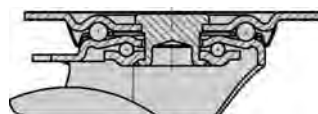
Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: POTH Series - Treads: Made of injection-moulded polyurethane, colour brown, non-marking, 98° shore A, non-staining, abrasion-resistant, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre.

Alternatively available with soft tread with improved skid resistance, colour grey, 92° shore A, refer to Variants / Accessories.

Wheel centres: Made of high-quality nylon, colour natural white, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing.
Detailed description: Page 202 and 43.

Swivel castors	Fixed castors	Swivel castors with “stop-fix” brake	Top plate drawings: Page 71. Detailed description: Page 62 and 76.					Wheel centres: Made of high-quality nylon, colour natural white, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing. Detailed description: Page 202 and 43.					
			Ref. No.	Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate size	Bolt hole spacing	Bolt hole Ø
			[mm]	[mm]	[kg]			[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
L-POTH 100G	B-POTH 100G	L-POTH 100G-FI	100	35	200	Plain bearing	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	125	100 x 85	80 x 60	9	36		
L-POTH 125G	B-POTH 125G	L-POTH 125G-FI	125	35	200	Plain bearing	150	100 x 85	80 x 60	9	40		
L-POTH 125R	B-POTH 125R	L-POTH 125R-FI	125	35	200	Roller bearing	150	100 x 85	80 x 60	9	40		
L-POTH 125K	B-POTH 125K	L-POTH 125K-FI	125	35	200	Ball bearing	150	100 x 85	80 x 60	9	40		
L-POTH 150G	B-POTH 150G	L-POTH 150G-FI	150	40	400	Plain bearing	190	140 x 110	105 x 75-80	11	60		
L-POTH 150R	B-POTH 150R	L-POTH 150R-FI	150	40	400	Roller bearing	190	140 x 110	105 x 75-80	11	60		
L-POTH 150K	B-POTH 150K	L-POTH 150K-FI	150	40	400	Ball bearing	190	140 x 110	105 x 75-80	11	60		
L-POTH 200G	B-POTH 200G	L-POTH 200G-FI	200	50	400	Plain bearing	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		



Variants / Accessories




	With soft tread, 92° shore A, non-marking grey	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With 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	43	79	77	78	79	57	57
Ref. No. extension	-WE	-FA	-ST	RI-05.03	-XA	-XR	-XK
Available for wheel Ø [mm]	Upon request	All sizes	All sizes	150 + 200	All plain bearing versions	All sizes	Upon request

* Only for swivel castors without brake.

Series: LK-POTH, BK-POTH, BH-POTH

Pressed steel swivel and fixed castors, medium heavy duty brackets

 150 - 600 kg



Brackets: LK/BK/BH Series - Pressed from heavy sheet-steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 150+200 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: POTH Series - Treads: Made of injection-moulded polyurethane, colour brown, non-marking, 98° shore A, non-staining, abrasion-resistant, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre.

Alternatively available with soft tread with improved skid resistance, colour grey, 92° shore A, refer to Variants / Accessories.

Wheel centres: Made of high-quality nylon, colour natural white, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing.
Detailed description: Page 202 and 43.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swl castor [mm]
LK-POTH 75G	BK-POTH 75G	*			*	75	37	150	Plain bearing	108	100 x 85	80 x 60	9	40
LK-POTH 75R	BK-POTH 75R	*			*	75	37	150	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	200	Plain bearing	130	100 x 85	80 x 60	9	45
LK-POTH 100R-1	BK-POTH 100R-1	LK-POTH 100R-1-FI				100	35	200	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	200	Ball bearing	130	100 x 85	80 x 60	9	45
LK-POTH 100G-3	BK-POTH 100G-3	LK-POTH 100G-3-FI				100	35	200	Plain bearing	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	200	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	200	Ball bearing	130	140 x 110	105 x 75-80	11	45
LK-POTH 125G-1	BK-POTH 125G-1	LK-POTH 125G-1-FI				125	35	250	Plain bearing	155	100 x 85	80 x 60	9	48
LK-POTH 125R-1	BK-POTH 125R-1	LK-POTH 125R-1-FI				125	35	250	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	35	250	Ball bearing	155	100 x 85	80 x 60	9	48
LK-POTH 125G-3	BK-POTH 125G-3	LK-POTH 125G-3-FI				125	35	250	Plain bearing	155	140 x 110	105 x 75-80	11	48
LK-POTH 125R-3	BK-POTH 125R-3	LK-POTH 125R-3-FI				125	35	250	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	35	250	Ball bearing	155	140 x 110	105 x 75-80	11	48
LK-POTH 150G	BH-POTH 150G	LK-POTH 150G-FI				150	40	400	Plain bearing	197	140 x 110	105 x 75-80	11	63
LK-POTH 150R	BH-POTH 150R	LK-POTH 150R-FI				150	40	400	Roller bearing	197	140 x 110	105 x 75-80	11	63
LK-POTH 150K	BH-POTH 150K	LK-POTH 150K-FI				150	40	400	Ball bearing	197	140 x 110	105 x 75-80	11	63
LK-POTH 200G	BH-POTH 200G	LK-POTH 200G-FI				200	50	600	Plain bearing	245	140 x 110	105 x 75-80	11	65
LK-POTH 200R	BH-POTH 200R	LK-POTH 200R-FI				200	50	400	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 the "stop-top" brake version, refer to Variants / Accessories.

Variants / Accessories




	With soft tread, 92° shore A, non-marking grey	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With "ideal-stop" brake tti. height + 17mm**	With directional lock (retro fit)*** 1 x 360°	With directional lock (retro fit)*** 1 x 360°	With stainless steel axle tube (-XA) or bearing (-XR, -XK)
Technical description page	43	79	77	77	78	78	79 + 57
Ref. No. extension	-WE	-FA	-ST	-IS	RI-03.03	RI-05.03	-XA, -XR, -XK
Available for wheel Ø [mm]	Upon request	100 - 200	All sizes	200	100 + 125 plate 140x110	150 + 200	Upon request

** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

*** Only for swivel castors without brake.

Series: LKR-POTH

Pressed steel swivel castors with bolt hole fitting, medium heavy duty brackets

 150 - 250 kg



Brackets: LKR Series - Pressed from heavy sheet-steel, single bolt hole fitting, double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin, bolted wheel axle, zinc-plated.

Detailed description: Page 63 and 76.

Wheels: POTH Series - Treads: Made of injection-moulded polyurethane, colour brown, non-marking, 98° shore A, non-staining, abrasion-resistant, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre.

Alternatively available with soft tread with improved skid resistance, colour grey, 92° shore A, refer to Variants / Accessories.

Wheel centres: Made of high-quality nylon, colour natural white, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing.

Detailed description: Page 202 and 43.

Swivel castors		Swivel castors with "stop-fix" brake		Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset
Ref. No.		Ref. No.		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]
LKR-POTH 75G				75	37	150	Plain bearing	108	88	13	40
LKR-POTH 75R				75	37	150	Roller bearing	108	88	13	40
LKR-POTH 100G		LKR-POTH 100G-FI		100	35	200	Plain bearing	130	88	13	45
LKR-POTH 100R		LKR-POTH 100R-FI		100	35	200	Roller bearing	130	88	13	45
LKR-POTH 100K		LKR-POTH 100K-FI		100	35	200	Ball bearing	130	88	13	45
LKR-POTH 125G		LKR-POTH 125G-FI		125	35	250	Plain bearing	155	88	13	48
LKR-POTH 125R		LKR-POTH 125R-FI		125	35	250	Roller bearing	155	88	13	48
LKR-POTH 125K		LKR-POTH 125K-FI		125	35	250	Ball bearing	155	88	13	48




Variants / Accessories



	With soft tread, 92° shore A, non-marking grey	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
Technical description page	43	79	79	57	57
Ref. No. extension	-WE	-FA	-XA	-XR	-XK
Available for wheel Ø [mm]	Upon request	100 + 125	All plain bearing versions	All sizes	Upon request

Series: LH-POTH, BH-POTH

Pressed steel swivel and fixed castors, heavy duty brackets

 150 - 700 kg



Brackets: LH/BH Series - Pressed from sheet-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.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: POTH Series - Treads: Made of injection-moulded polyurethane, colour brown, non-marking, 98° shore A, non-staining, abrasion-resistant, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre.

Alternatively available with soft tread with improved skid resistance, colour grey, 92° shore A, refer to Variants / Accessories.

Wheel centres: Made of high-quality nylon, colour natural white, shock and impact-resistant, corrosion-resistant, plain, roller or ball bearing.
Detailed description: Page 202 and 43.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LH-POTH 75G	BH-POTH 75G	*	75	37	150	Plain bearing	118	100 x 85	80 x 60	9	45
LH-POTH 75R	BH-POTH 75R	*	75	37	150	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	200	Plain bearing	140	100 x 85	80 x 60	9	45
LH-POTH 100R-1	BH-POTH 100R-1	LH-POTH 100R-1-FI	100	35	200	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	200	Ball bearing	140	100 x 85	80 x 60	9	45
LH-POTH 100G-3		LH-POTH 100G-3-FI	100	35	200	Plain bearing	140	140 x 110	105 x 75-80	11	45
LH-POTH 100R-3		LH-POTH 100R-3-FI	100	35	200	Roller bearing	140	140 x 110	105 x 75-80	11	45
LH-POTH 100K-3		LH-POTH 100K-3-FI	100	35	200	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	35	250	Plain bearing	165	100 x 85	80 x 60	9	45
LH-POTH 125R-1	BH-POTH 125R-1	LH-POTH 125R-1-FI	125	35	250	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	35	250	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	35	250	Plain bearing	165	140 x 110	105 x 75-80	11	45
LH-POTH 125R-3	BH-POTH 125R-3	LH-POTH 125R-3-FI	125	35	250	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	35	250	Ball bearing	165	140 x 110	105 x 75-80	11	45
LH-POTH 150G	BH-POTH 150G	LH-POTH 150G-FI	150	40	400	Plain bearing	197	140 x 110	105 x 75-80	11	65
LH-POTH 150R	BH-POTH 150R	LH-POTH 150R-FI	150	40	400	Roller bearing	197	140 x 110	105 x 75-80	11	65
LH-POTH 150K	BH-POTH 150K	LH-POTH 150K-FI	150	40	400	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-POTH 200G	BH-POTH 200G	LH-POTH 200G-FI	200	50	700	Plain bearing	245	140 x 110	105 x 75-80	11	67
LH-POTH 200R	BH-POTH 200R	LH-POTH 200R-FI	200	50	400	Roller bearing	245	140 x 110	105 x 75-80	11	67
LH-POTH 200K	BH-POTH 200K	LH-POTH 200K-FI	200	50	700	Ball bearing	245	140 x 110	105 x 75-80	11	67

* For the "stop-top" brake version, refer to Variants / Accessories.

Variants / Accessories



	With soft tread, 92° shore A, non-marking grey	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With "ideal-stop" brake tti. height + 17mm**	With directional lock (retro fit)*** 1 x 360°	With sealing + grease nipple in the swivel head ***	With stainless steel axle tube (-XA) or bearing (-XR, -XK)
Technical description page	43	79	77	77	78	63	79 + 57
Ref. No. extension	-WE	-FA	-ST	-IS	RI-05.03	-DN	-XA, -XR, -XK
Available for wheel Ø [mm]	Upon request	100 - 200	All sizes	200	150 + 200	Upon request	Upon request

** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

*** Only for swivel castors without brake.

Contents: Section 11

Wheel series

Wheel series		Swivel bracket series (combined with the respective wheel series) For matching fixed castors, refer to the corresponding catalogue pages.							
		L	LK	LKR	LH	LO			
	ALST								
	Series	ALST	L-ALST	LK-ALST	LKR-ALST	LH-ALST	LO-ALST		
	Wheel Ø [mm]	100 - 250 mm	100 - 250 mm	100 - 200 mm	100 - 125 mm	100 - 250 mm	160 - 250 mm		
	Load capacity [kg]	300 - 800 kg	200 - 600 kg	250 - 600 kg	250 kg	300 - 800 kg	550 - 800 kg		
Page		210	211	212	213	214	215		



**Heavy duty wheels and castors
with cast polyurethane tread
Blickle Softhane®**

Series: ALST

Heavy duty wheels
with Blickle Softhane® polyurethane tread,
aluminium wheel centre

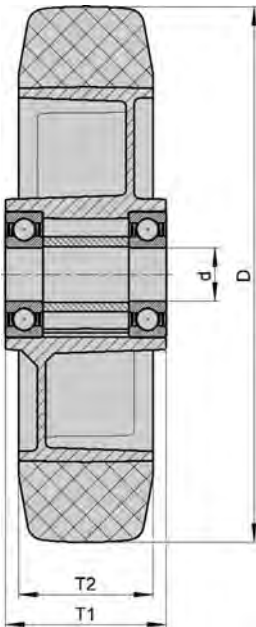
300 - 800 kg



Treads: Made of Blickle Softhane® polyurethane, firmly bonded, colour green, non-marking, **very high operational comfort because of particularly thick, elastic tread**, 75° shore A, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.
Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium.
Detailed description: Page 44.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALST 100/15K	100	40	300	Ball bearing	15	40
ALST 125/15K	125	40	350	Ball bearing	15	45
ALST 160/20K	160	50	550	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



Series: L-ALST, B-ALST, BH-ALST

Pressed steel swivel and fixed castors, medium duty brackets

 200 - 600 kg



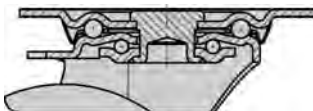
Swivel castors

Fixed castors

Swivel castors with "stop-fix" brake

Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
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 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 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	600	Ball bearing	295	140 x 110	105 x 75-80	11	77

* For the "stop-top" brake version, refer to Variants / Accessories.



Variants / Accessories



	With "stop-top" brake	With directional lock (retro fit)** 1 x 360°
Technical description page	77	78
Ref. No. extension	-ST	RI-05.03
Available for wheel Ø [mm]	All sizes	160 + 200

** Only for swivel castors without brake.

Series: LK-ALST, BK-ALST, BH-ALST

Pressed steel swivel and fixed castors, medium heavy duty brackets

 250 - 600 kg

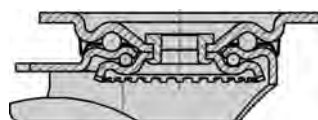


Brackets: LK/BK/BH Series - Pressed from heavy sheet-steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 160+200 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: ALST Series - Treads: Made of Blickle Softthane® polyurethane, firmly bonded, colour green, non-marking, **very high operational comfort because of particularly thick, elastic tread**, 75° shore A, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium. Detailed description: Page 210 and 44.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LK-ALST 100K-1	BK-ALST 100K-1	LK-ALST 100K-1-FI	100	40	250	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	250	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	250	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	250	Ball bearing	155	140 x 110	105 x 75-80	11	48
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 200K	BH-ALST 200K	LK-ALST 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65



Variants / Accessories

	With "stop-top" brake	With "ideal-stop" brake ttl. height +17mm*	With directional lock (retro fit)** 1 x 360°	With directional lock (retro fit)** 1 x 360°
Technical description page	77	77	78	78
Ref. No. extension	-ST	-IS	RI-03.03	RI-05.03
Available for wheel Ø [mm]	All sizes	160 + 200	100 + 125 plate 140x110	160 + 200

* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

** Only for swivel castors without brake.

Series: LKR-ALST

Pressed steel swivel castors
with bolt hole fitting,
medium heavy duty brackets

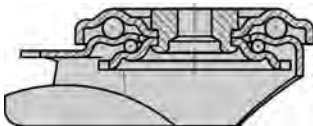
 250 kg



Brackets: LKR Series - Pressed from heavy sheet-steel, single bolt hole fitting, double ball bearing in the swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin, bolted wheel axle, zinc-plated.
Detailed description: Page 63 and 76.


Wheels: ALST Series - Treads: Made of Blickle Softthane® polyurethane, firmly bonded, colour green, non-marking, **very high operational comfort because of particularly thick, elastic tread**, 75° shore A, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium.
Detailed description: Page 210 and 44.

Swivel castors	Swivel castors with “stop-fix” brake	corrosion-resistant, ball bearing, colour: aluminium. Detailed description: Page 210 and 44.								
Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LKR-ALST 100K	LKR-ALST 100K-FI	100	40	250	Ball bearing	130	88	13	45	
LKR-ALST 125K	LKR-ALST 125K-FI	125	40	250	Ball bearing	155	88	13	48	



Series: LH-ALST, BH-ALST

Pressed steel swivel and fixed castors, heavy duty brackets

 300 - 800 kg



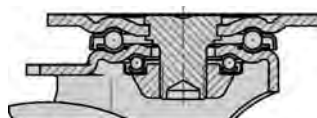
Brackets: LH/BH Series - Pressed from sheet-steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, **additionally reinforced by the integration of four specially shaped and hardened bearing seats resulting in a very high resistance to shock and impact loads**, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: ALST Series - Treads: Made of Blickle Softthane® polyurethane, firmly bonded, colour green, non-marking, **very high operational comfort because of particularly thick, elastic tread**, 75° shore A, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium. Detailed description: Page 210 and 44.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
Ref. No.	Ref. No.	Ref. No.									
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		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 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 200K	BH-ALST 200K	LH-ALST 200K-FI	200	50	700	Ball bearing	245	140 x 110	105 x 75-80	11	67
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 Variants / Accessories.



Variants / Accessories




	With "stop-top" brake	With "ideal-stop" brake ttl. height + 17mm**	With directional lock (retro fit)*** 1 x 360°	With sealing + grease nipple in the swivel head ***
Technical description page	77	77	78	63
Ref. No. extension	-ST	-IS	RI-05.03	-DN
Available for wheel Ø [mm]	All sizes	160 + 200	160 + 200	Upon request

** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

*** Only for swivel castors without brake.

Series: LO-ALST, BO-ALST

Welded steel heavy duty swivel and fixed castors

 550 - 800 kg



Brackets: LO/BO Series - Heavy 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, labyrinth swivel head sealing with grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 64 and 77.

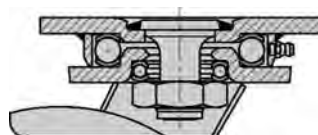
Wheels: ALST Series - Treads: Made of Blickle Softthane® polyurethane, firmly bonded, colour green, non-marking, very high operational comfort because of particularly thick, elastic tread, 75° shore A, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium. Detailed description: Page 210 and 44.

Swivel castors

Fixed castors

Swivel castors with "stop-top" brake

Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
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



Variants / Accessories

With directional lock
2 x 180°

Technical description page

78


















Ref. No. extension

-R12

Available for wheel Ø [mm]

160 + 200

Contents: Section 12

Wheel series			Swivel bracket series (combined with the respective wheel series) For matching fixed castors, refer to the corresponding catalogue pages.							
			L	LK	LKR	LH	LO	LS	LOD	LSD
	ALTH									
	Series	ALTH	L-ALTH	LK-ALTH	LKR-ALTH	LH-ALTH	LO-ALTH			
	Wheel Ø [mm]	80 - 250 mm	80 - 250 mm	80 - 200 mm	80 - 125 mm	80 - 250 mm	125 - 250 mm			
	Load capacity [kg]	180 - 1000 kg	180 - 600 kg	180 - 600 kg	180 - 250 kg	180 - 900 kg	450 - 1000 kg			
	Page	218	219	220	221	222	223			
	SETH									
	Series	SETH				LH-SETH	LO-SETH	LS-SETH		
	Wheel Ø [mm]	125 - 250 mm				125 - 250 mm	125 - 250 mm	125 - 250 mm		
	Load capacity [kg]	500 - 1350 kg				500 - 900 kg	500 - 1200 kg	500 - 1350 kg		
	Page	224				225	226	227		
	GTH/STH									
	Series	GTH/STH				LH-GTH	LO-GTH	LS-GTH/STH	LOD-GTH	LSD-GTH/STH
	Wheel Ø [mm]	100 - 600 mm				100 - 250 mm	125 - 300 mm	125 - 600 mm	75 - 125 mm	125 - 500 mm
	Load capacity [kg]	350 - 8000 kg				350 - 900 kg	550 - 1250 kg	550 - 8000 kg	500 - 800 kg	1000 - 10000 kg
	Page	228 - 229				230	231	232	233	234
	GTHN/STHN									
	Series	GTHN/STHN								
	Wheel Ø [mm]	75 - 600 mm								
	Load capacity [kg]	250 - 7500 kg								
	Page	235 - 236								



**Heavy duty wheels and castors
with cast polyurethane tread
Blickle Extrathane®**

Series: ALTH

Heavy duty wheels
with Blicke Extrathane® polyurethane tread,
aluminium wheel centre

180 - 1000 kg



Treads: Made of Blicke Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium.

Detailed description: Page 44.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	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 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

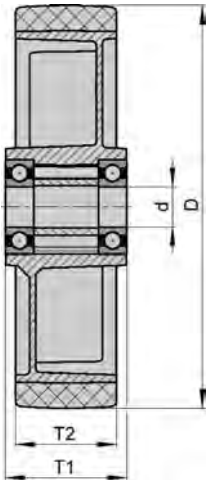
Further information on the Internet: www.blicke.de

Variants / Accessories



Antistatic version,
non-marking grey

Technical description page	44
Ref. No. extension	-AS
Available for wheel Ø [mm]	Upon request



Series: L-ALTH, B-ALTH, BH-ALTH

Pressed steel swivel and fixed castors, medium duty brackets

 180 - 600 kg



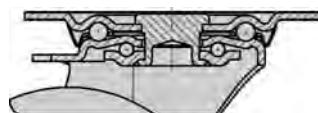
Brackets: L/B/BH Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 150-250 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: ALTH Series - Treads: Made of Blicke Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium. Detailed description: Page 218 and 44.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
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 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	600	Ball bearing	295	140 x 110	105 x 75-80	11	77

* For the "stop-top" brake version, refer to Variants / Accessories.



Variants / Accessories




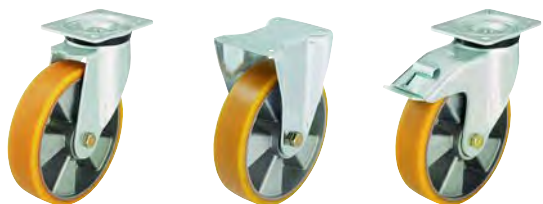
	Antistatic version, non-marking grey	With "stop-top" brake	With directional lock (retro fit)** 1 x 360°
Technical description page	44	77	78
Ref. No. extension	-AS	-ST	RI-05.03
Available for wheel Ø [mm]	Upon request	All sizes	150 - 200

** Only for swivel castors without brake.

Series: LK-ALTH, BK-ALTH, BH-ALTH

Pressed steel swivel and fixed castors, medium heavy duty brackets

 180 - 600 kg



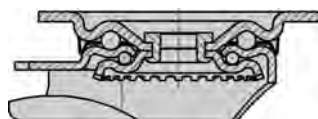
Brackets: LK/BK/BH Series - Pressed from heavy sheet-steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Bickie procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 125x54 - 200x50 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: ALTH Series - Treads: Made of Bickie Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium. Detailed description: Page 218 and 44.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LK-ALTH 80K	BK-ALTH 80K	*	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	250	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	250	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

* For the "stop-top" brake version, refer to Variants / Accessories.



Variants / Accessories



	Antistatic version, non-marking grey	With "stop-top" brake	With "ideal-stop" brake tfl. height + 17mm**	With directional lock (retro fit)*** 1 x 360°	With directional lock (retro fit)*** 1 x 360°
Technical description page	44	77	77	78	78
Ref. No. extension	-AS	-ST	-IS	RI-03.03	RI-05.03
Available for wheel Ø [mm]	Upon request	All sizes	160 + 200	100 + 125x40 plate 140x110	125x54 - 200

** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

*** Only for swivel castors without brake.

Series: LKR-ALTH

Pressed steel swivel castors
with bolt hole fitting,
medium heavy duty brackets

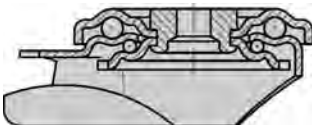
180 - 250 kg



Brackets: LKR Series - Pressed from heavy sheet-steel, single bolt hole fitting, double ball bearing in the swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin, bolted wheel axle, zinc-plated.
Detailed description: Page 63 and 76.

Wheels: ALTH Series - Treads: Made of Blickle Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium.
Detailed description: Page 218 and 44.

Swivel castors		Swivel castors with “stop-fix” brake		Detailed description: Page 216 and 44.						
Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LKR-ALTH 80K		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	250	Ball bearing	155	88	13	48	



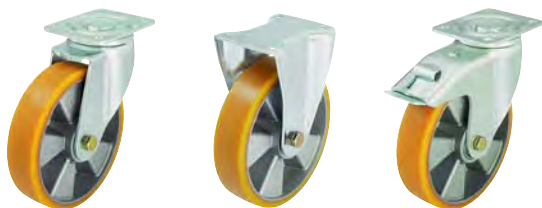
Variants / Accessories

	Antistatic version, non-marking grey
Technical description page	44
Ref. No. extension	-AS
Available for wheel Ø [mm]	Upon request

Series: LH-ALTH, BH-ALTH

Pressed steel swivel and fixed castors, heavy duty brackets

 180 - 900 kg



Brackets: LH/BH Series - Pressed from sheet-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.

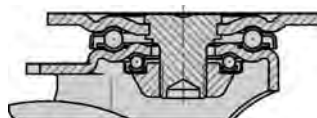
Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: ALTH Series - Treads: Made of Bickie Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium. Detailed description: Page 218 and 44.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LH-ALTH 80K	BH-ALTH 80K	*	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		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**		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	67
LH-ALTH 250K	BH-ALTH 250K	*	250	60	900	Ball bearing	295	140 x 110	105 x 75-80	11	82

* For the "stop-top" brake variant, refer to Variants / Accessories.

** Heavy wheel design.



Variants / Accessories



	Antistatic version, non-marking grey	With "stop-top" brake	With "ideal-stop" brake ttl. height + 17mm***	With directional lock (retro fit) *** 1 x 360°	With sealing + grease nipple in the swivel head ****
Technical description page	44	77	77	78	63
Ref. No. extension	-AS	-ST	-IS	RI-05.03	-DN
Available for wheel Ø [mm]	Upon request	All sizes	160 + 200	125x54 - 200	Upon request

*** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

**** Only for swivel castors without brake.

Castors+Wheels

Series: LO-ALTH, BO-ALTH

Welded steel heavy duty swivel and fixed castors

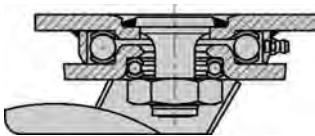
450 - 1000 kg



Brackets: LO/BO Series - Heavy 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, labyrinth swivel head sealing with grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated.

Wheels: ALTH Series - Treads: Made of Blicke Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium. Detailed description: Page 218 and 44.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl 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



Variants / Accessories

	Antistatic version, non-marking grey	With directional lock 2 x 180°
Technical description page	44	78
Ref. No. extension	-AS	-RI2
Available for wheel Ø [mm]	Upon request	125 - 200

Series: SETH

Heavy duty wheels with Blickle Extrathane® polyurethane tread, welded steel wheel centre

 500 - 1350 kg



Treads: Made of Blickle Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

Wheel centres: Strong welded steel construction with double-welded tubular steel hub, ball bearing. Lacquered - colour silver.

This special Blickle wheel centre construction is characterised by its particularly high stability as well as its elegant and smooth design.

Detailed description: Page 45.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	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

Variants / Accessories

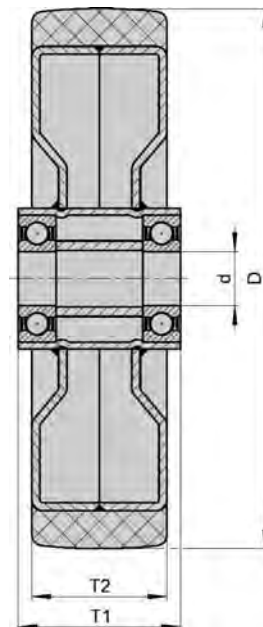


With grease nipple

Technical description page 45


Ref. No. extension -NI

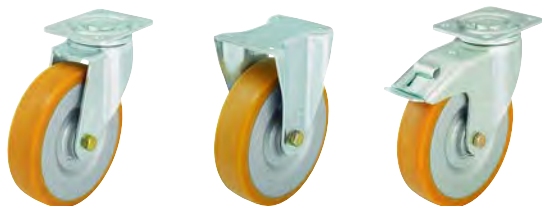
Available for wheel Ø [mm] Upon request



Series: LH-SETH, BH-SETH

Pressed steel swivel and fixed castors, heavy duty brackets

 500 - 900 kg



Brackets: LH/BH Series - Pressed from sheet-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.

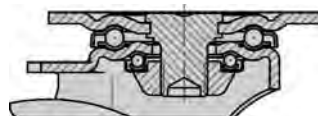
Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: SETH Series - Treads: Made of Bickie Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: Strong welded steel construction with double-welded tubular steel hub, ball bearing. Lacquered - colour silver.

Special Bickie wheel centre construction, very high stability, elegant and smooth design.
Detailed description: Page 224 and 45.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl 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	67
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 Variants / Accessories.



12

Variants / Accessories



	With "stop-top" brake	With "ideal-stop" brake ttl. height + 17mm**	With directional lock (retro fit)*** 1 x 360°	With sealing + grease nipple in the swivel head ***	Truck lock
Technical description page	77	77	78	63	78
Ref. No. extension	-ST	-IS	RI-05.03	-DN	FF160 / FF200
Available for wheel Ø [mm]	All sizes	160 + 200	125 - 200	Upon request	160 - 200 Rest upon request

** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

*** Only for swivel castors without brake.

Further information on the Internet: www.bickie.de

Series: LO-SETH, BO-SETH

Welded steel heavy duty
swivel and fixed castors

500 - 1200 kg



Swivel castors

Fixed castors

Swivel castors
with "stop-top"
brake

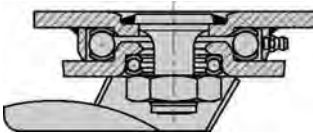
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LO-SETH 125K	BO-SETH 125K	LO-SETH 125K-ST	125	50	500	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-SETH 150K	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

Brackets: LO/BO Series - Heavy 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, labyrinth swivel head sealing with grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 64 and 77.

Wheels: SETH Series - Treads: Made of Bickie Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: Strong welded steel construction with double-welded tubular steel hub, ball bearing. Lacquered - colour silver.

Special Bickie wheel centre construction, very high stability, elegant and smooth design.
Detailed description: Page 224 and 45.



Variants / Accessories

	With directional lock 2 x 180°	Truck lock
Technical description page	78	78
Ref. No. extension	-RI2	FF160 / FF200
Available for wheel Ø [mm]	125 - 200	160 - 200 Rest upon request

Series: LS-SETH, BS-SETH

Welded steel heavy duty
swivel and fixed castors,
extra strong swivel head design

500 - 1350 kg

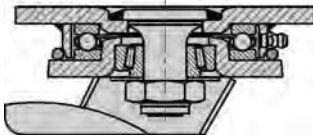


Brackets: LS/BS Series - Very rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof. Fitted grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated - yellow passivated.
Top plate drawings: Page 71 and 72.
Detailed description: Page 64 and 77.

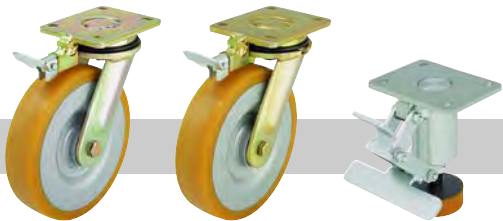
Wheels: SETH Series - Treads: Made of Bickie Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.
Wheel centres: Strong welded steel construction with double-welded tubular steel hub, ball bearing.
Lacquered - colour silver.

Special Bickie wheel centre construction, very high stability, elegant and smooth design.
Detailed description: Page 224 and 45.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl 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



Variants / Accessories



	With directional lock 2 x 180°	With directional lock 4 x 90°	Truck lock
Technical description page	78	78	78
Ref. No. extension	-RI2	-RI4	FF160 / FF200
Available for wheel Ø [mm]	All sizes	Upon request	160 - 200 Rest upon request

Series: GTH, wheel Ø 100 - 250 mm

Heavy duty wheels with Blickle Extrathane® polyurethane tread, cast iron wheel centre

 350 - 2700 kg



Treads: Made of Blickle Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

Wheel centres: Made of grey cast iron, very rugged, ball bearing, grease nipple for wheel Ø of 150 mm or larger. Lacquered - colour silver.

Detailed description: Page 45.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GTH 100/15K	100	40	350	Ball bearing	15	40
GTH 101/20K	100	50	450	Ball bearing	20	60
GTH 125/15K	125	40	450	Ball bearing	15	45
GTH 127/20K	125	50	550	Ball bearing	20	60
GTH 150/20K	150	50	700	Ball bearing	20	60
GTH 160/20K	160	50	750	Ball bearing	20	60
GTH 160/25K	160	50	750	Ball bearing	25	60
GTH 175/20K	175	50	800	Ball bearing	20	60
GTH 175/25K	175	50	800	Ball bearing	25	60
GTH 177/25K	175	80	1200	Ball bearing	25	80
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	1400	Ball bearing	25	90
GTH 202/30K	200	80	1400	Ball bearing	30	90
GTH 202/35K	200	80	1400	Ball bearing	35	90
GTH 251/25K	250	50	1100	Ball bearing	25	60
GTH 250/25K	250	60	1350	Ball bearing	25	70
GTH 250/30K	250	60	1350	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	2700	Ball bearing	40	140

For further wheel Ø, refer to the following page.

Variants / Accessories



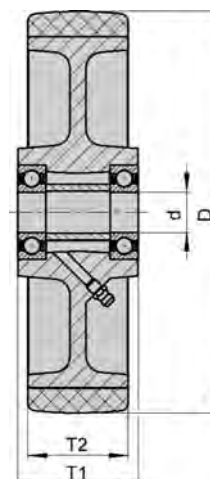
Further dimensions

Technical description page

Ref. No. extension

Available for wheel Ø [mm]

Upon request



Series: GTH, STH, wheel Ø 300 - 600 mm

Heavy duty wheels with Blicke Extrathane® polyurethane tread, cast iron or welded steel wheel centre

 1200 - 8000 kg



Treads: Made of Blicke Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

Wheel centres: GTH series: Made of grey cast iron, very rugged, ball bearing, grease nipple. Lacquered - colour silver.

STH series: Very strong welded steel construction with double-welded tubular steel hub, ball bearing, grease nipple. Lacquered - colour silver. Detailed description: Page 45.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GTH 301/25K	300	45	1200	Ball bearing	25	60
GTH 300/30K	300	60	1600	Ball bearing	30	70
GTH 302/30K	300	80	2000	Ball bearing	30	90
GTH 302/35K	300	80	2000	Ball bearing	35	90
GTH 304/35K	300	100	2500	Ball bearing	35	120
GTH 360/35K	360	60	1700	Ball bearing	35	75
GTH 362/40K	360	75	2200	Ball bearing	40	90
GTH 364/40K	360	120	3300	Ball bearing	40	120
GTH 400/35K	400	60	1900	Ball bearing	35	75
GTH 402/40K	400	80	2500	Ball bearing	40	90
GTH 404/40K	400	100	3100	Ball bearing	40	120
GTH 406/50K	400	125	4000	Ball bearing	50	125
STH 500/60K	500	150	5300	Ball bearing	60	150
STH 600/80K	600	200	8000	Ball bearing	80	200

Variants / Accessories



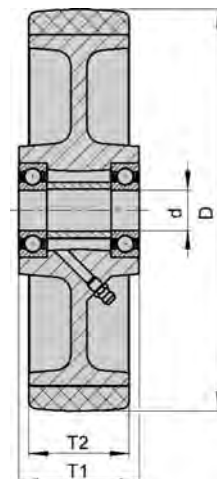
Further dimensions

Technical description page

Ref. No. extension

Available for wheel Ø [mm]

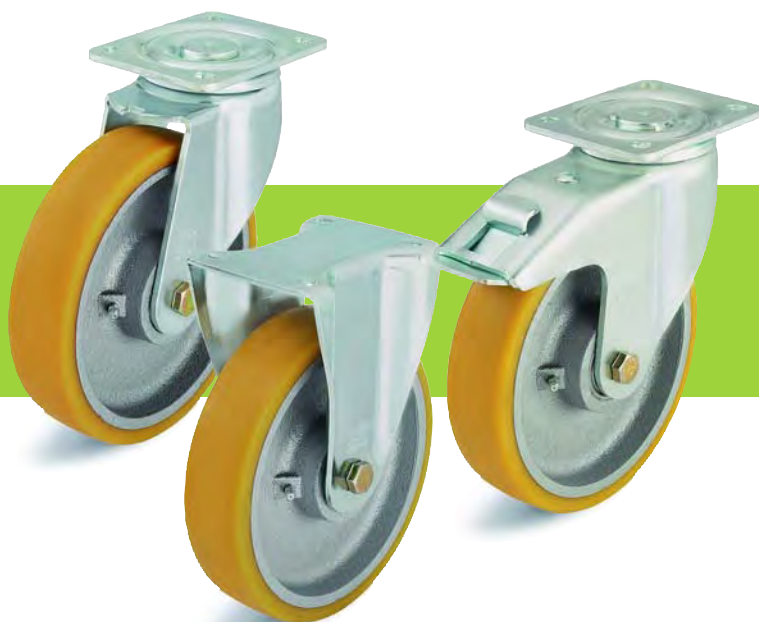
Upon request



Series: LH-GTH, BH-GTH

Pressed steel swivel and fixed castors, heavy duty brackets

 350 - 900 kg



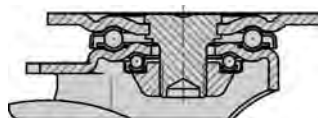
Brackets: LH/BH Series - Pressed from sheet-steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, **additionally reinforced by the integration of four specially shaped and hardened bearing seats resulting in a very high resistance to shock and impact loads**, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

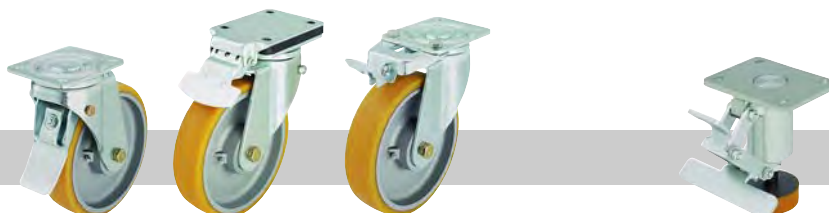
Wheels: GTH Series - Treads: Made of Blicke Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: Made of grey cast iron, very rugged, ball bearing, grease nipple for wheel Ø of 150 mm or larger. Lacquered - colour silver.
Detailed description: Page 228 and 45.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LH-GTH 100K-1	BH-GTH 100K-1	LH-GTH 100K-1-FI	100	40	350	Ball bearing	140	100 x 85	80 x 60	9	45
LH-GTH 100K-3		LH-GTH 100K-3-FI	100	40	350	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	450	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	450	Ball bearing	165	140 x 110	105 x 75-80	11	45
LH-GTH 127K	BH-GTH 127K	LH-GTH 127K-FI	125	50	550	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-GTH 150K	BH-GTH 150K	LH-GTH 150K-FI	150	50	700	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-GTH 160K	BH-GTH 160K	LH-GTH 160K-FI	160	50	750	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-GTH 175K	BH-GTH 175K	LH-GTH 175K-FI	175	50	800	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	67
LH-GTH 202K		*	200	80	800	Ball bearing	245	140 x 110	105 x 75-80	11	67
LH-GTH 250K	BH-GTH 250K	*	250	60	900	Ball bearing	295	140 x 110	105 x 75-80	11	82

* For the "stop-top" brake version, refer to Variants / Accessories.



Variants / Accessories



	With "stop-top" brake	With "ideal-stop" brake ttl. height + 17mm**	With directional lock (retro fit)*** 1 x 360°	With sealing + grease nipple in the swivel head ***	Truck lock
Technical description page	77	77	78	63	78
Ref. No. extension	-ST	-IS	RI-05.03	-DN	FF160 / FF200
Available for wheel Ø [mm]	All sizes	160 + 200x50	125x50 - 200x50	Upon request	160 - 200 Rest upon request

** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

*** Only for swivel castors without brake.

Series: LO-GTH, BO-GTH

Welded steel heavy duty
swivel and fixed castors

550 - 1250 kg

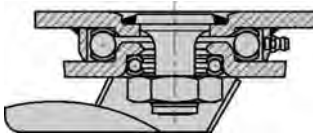


Swivel castors

Fixed castors

Swivel castors
with "stop-top"
brake

Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LO-GTH 127K	BO-GTH 127K	LO-GTH 127K-ST	125	50	550	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-GTH 150K	BO-GTH 150K	LO-GTH 150K-ST	150	50	700	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-GTH 160K	BO-GTH 160K	LO-GTH 160K-ST	160	50	750	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	1250	Ball bearing	245	140 x 110	105 x 75-80	11	65
LO-GTH 251K	BO-GTH 251K	LO-GTH 251K-ST	250	50	1100	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
LO-GTH 301K	BO-GTH 301K	LO-GTH 301K-ST	300	45	1100	Ball bearing	350	140 x 110	105 x 75-80	11	75



Variants / Accessories



	With plate size 175 x 140 mm	With directional lock 2 x 180°	Truck lock
Technical description page	72	78	78
Ref. No. extension	-35	-RI2	FF160 / FF200
Available for wheel Ø [mm]	Upon request	125 - 200x50	160 - 200 Rest upon request

Brackets: LO/BO Series - Heavy 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**, labyrinth swivel head sealing with grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 64 and 77.

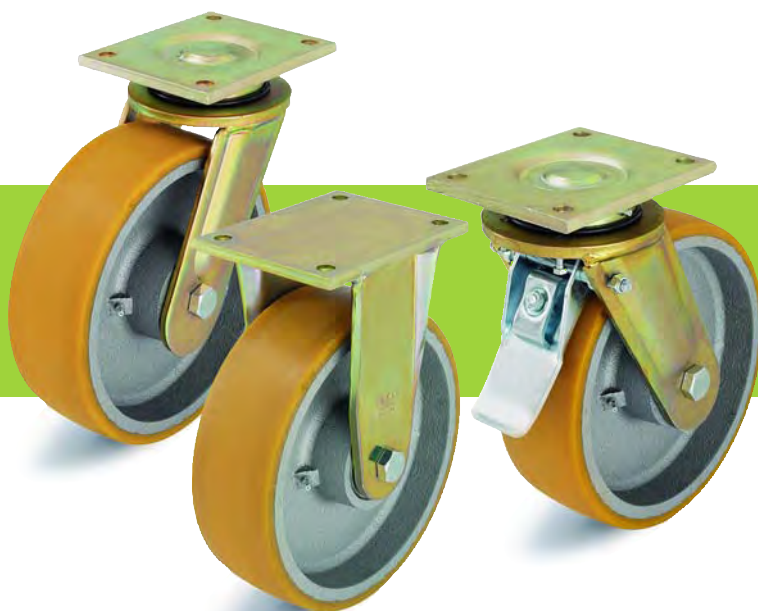
Wheels: GTH Series - Treads: Made of Blicke Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: Made of grey cast iron, very rugged, ball bearing, grease nipple for wheel Ø of 150 mm or larger.

Lacquered - colour silver.
Detailed description: Page 228, 229 and 45.

Series: LS-GTH, BS-GTH, LS-STH, BS-STH

Welded steel heavy duty swivel and fixed castors, extra strong swivel head design

550 - 8000 kg

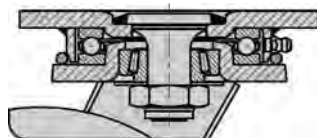


Brackets: LS/BS Series - Very rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof. Fitted grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, wheel dimensions 125x50 - 300x80 mm: Zinc-plated - yellow passivated. Wheel dimensions 300x100 - 600x200 mm: Lacquered - colour red. Top plate drawings: Page 71 and 72. Detailed description: Page 64 and 77.

Wheels: GTH/STH Series - Treads: Made of Bickie Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: GTH series: Of grey cast iron, very rugged, ball bearing, grease nipple for wheel Ø of 150 mm or larger. STH series: Very strong welded steel construction with double-welded tubular steel hub, ball bearing, grease nipple. Lacquered - colour silver. Detailed description: Page 228, 229 and 45.

Swivel castors	Fixed castors	Swivel castors with “stop-top” brake	Wheel dimensions 300x100 - 600x200 mm: Lacquered - colour red. Top plate drawings: Page 71 and 72. Detailed description: Page 64 and 77.					STH series: very strong welded steel construction with double-welded tubular steel hub, ball bearing, grease nipple. Lacquered - colour silver. Detailed description: Page 228, 229 and 45.			
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LS-GTH 127K	BS-GTH 127K	LS-GTH 127K-ST	125	50	550	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-GTH 150K	BS-GTH 150K	LS-GTH 150K-ST	150	50	700	Ball bearing	200	140 x 110	105 x 75-80	11	55
LS-GTH 160K	BS-GTH 160K	LS-GTH 160K-ST	160	50	750	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	1400	Ball bearing	255	175 x 140	140 x 105	14	65
LS-GTH 250K	BS-GTH 250K	LS-GTH 250K-ST	250	60	1350	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	1600	Ball bearing	355	175 x 140	140 x 105	14	85
LS-GTH 302K	BS-GTH 302K	LS-GTH 302K-ST	300	80	2000	Ball bearing	355	175 x 140	140 x 105	14	85
LS-GTH 304K	BS-GTH 304K	*	300	100	2500	Ball bearing	370	200 x 160	160 x 120	14	85
LS-GTH 362K	BS-GTH 362K	*	360	75	2200	Ball bearing	430	200 x 160	160 x 120	14	100
LS-GTH 364K	BS-GTH 364K	*	360	120	3300	Ball bearing	430	255 x 200	210 x 160	18	100
LS-GTH 402K	BS-GTH 402K	*	400	80	2500	Ball bearing	470	200 x 160	160 x 120	14	100
LS-GTH 406K	BS-GTH 406K	*	400	125	4000	Ball bearing	480	255 x 200	210 x 160	18	125
LS-STH 500K	BS-STH 500K	*	500	150	5300	Ball bearing	630	400 x 300	340 x 240	26	125
LS-STH 600K	BS-STH 600K	*	600	200	8000	Ball bearing	730	400 x 300	340 x 240	26	130

* For the "Radstop" brake version, please refer to Variants / Accessories.



Variants / Accessories

	With "Radstop" wheel brake	With directional lock 2 x 180°	With directional lock 4 x 90°	Truck lock
Technical description page	78	78	78	78
Ref. No. extension	-RA	-RI2	-RI4	FF160 / FF200
Available for wheel Ø [mm]	Upon request	125 - 300x80	Upon request	160 + 200x50, Rest upon request

Castors+Wheels

Series: LOD-HTH, BOD-HTH, LOD-ALTH, BOD-ALTH, LOD-GTH, BOD-GTH

Welded steel heavy duty double swivel and fixed castors

500 - 800 kg

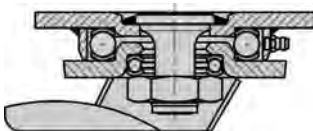


Swivel castors

Fixed castors

Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LOD-HTH 75K	BOD-HTH 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	800	Ball bearing	170	110 x 140*	75-80 x 105	11	50

* Fixed castors: Long plate side in parallel with the wheel axle



Brackets: LOD/BOD Series - Heavy 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**, labyrinth swivel head sealing with grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated.
Top plate drawings: Page 71.
Detailed description: Page 64.

Wheels: HTH/ALTH/GTH Series - Treads: Made of Blicke Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.
Wheel centres: HTH series: Tubular steel.
ALTH series: Aluminium die-cast.
GTH series: Grey cast iron, very rugged.
Detailed description: Page 44, 45 and 53.

Variants / Accessories



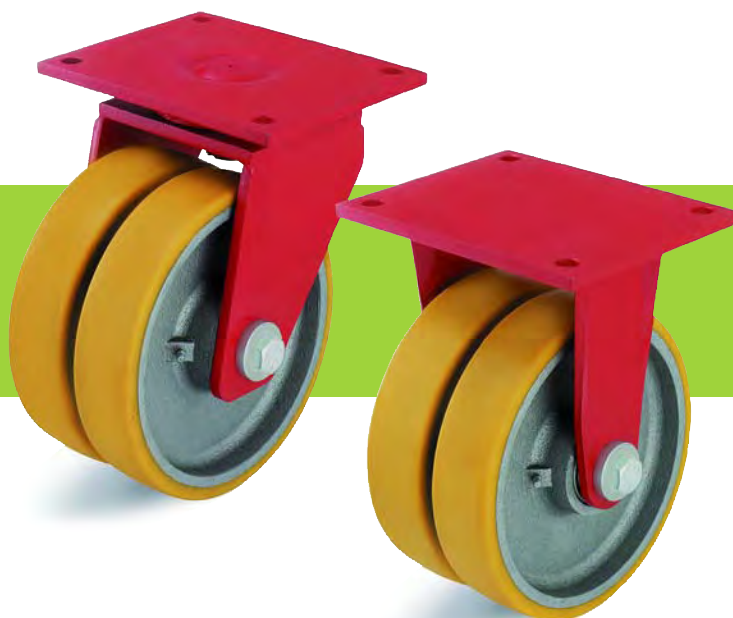
Antistatic version,
non-marking grey

Technical description page	44
Ref. No. extension	-AS
Available for wheel Ø [mm]	Upon request

Series: LSD-GTH, BSD-GTH, LSD-STH, BSD-STH

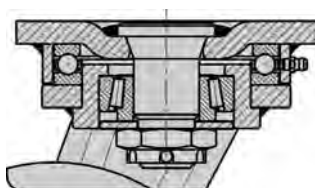
Welded steel heavy duty double swivel and fixed castors, extra strong swivel head design

 1000 - 10000 kg



Swivel castors		Fixed castors								
Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
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	1250	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	2500	Ball bearing	280	200 x 255*	160 x 210	18	60
LSD-GTH 250K	BSD-GTH 250K	250	2 x 60	2500	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	3600	Ball bearing	390	200 x 255*	160 x 210	18	80
LSD-GTH 304K	BSD-GTH 304K	300	2 x 100	4500	Ball bearing	390	200 x 255*	160 x 210	18	80
LSD-GTH 362K	BSD-GTH 362K	360	2 x 75	4000	Ball bearing	450	200 x 300*	160 x 210	18	90
LSD-GTH 404K-42	BSD-GTH 404K-42	400	2 x 100	5600	Ball bearing	530	300 x 400*	240 x 340	26	125
LSD-STH 500K	BSD-STH 500K	500	2 x 150	10000	Ball bearing	630	300 x 400*	240 x 340	26	125

* Fixed castors: Long plate side in parallel with the wheel axle



Variants / Accessories

	With "Radstop" wheel brake	With directional lock 2 x 180°
Technical description page	78	78
Ref. No. extension	-RA	-RI2
Available for wheel Ø [mm]	Upon request	Upon request

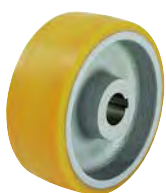
Wheels: GTH/STH Series - Treads: Made of Bickie Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.
Wheel centres: GTH series: Of grey cast iron, very rugged, ball bearing, grease nipple for wheel Ø of 150 mm or larger. STH series: Very strong welded steel construction with double-welded tubular steel hub, ball bearing, grease nipple. Lacquered - colour silver.
Detailed description: Page 228, 229 and 45.

Brackets: LSD/BSL Series - Very 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 water-proof. Fitted grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle.
Up to Ref. No. LSD-GTH 200K-35: Zinc-plated - yellow passivated, as of Ref. No. LSD-GTH 202K: Lacquered - colour red.
Top plate drawings: Page 72.
Detailed description: Page 64.

Series: GTHN, wheel Ø 75 - 250 mm

Heavy duty drive wheels with hub keyway, with Blicke Extrathane® polyurethane tread, cast iron wheel centre

 250 - 2000 kg



Treads: Made of Blicke Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

Wheel centres: Made of grey cast iron, very rugged, borehole and hub keyway in acc. with DIN 6885. Lacquered - colour silver. Detailed description: Page 46.

Wheels

Ref. No.	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	250	20 H7	6 JS9	22,8	40
GTHN 100/20H7	100	40	320	20 H7	6 JS9	22,8	40
GTHN 100/25H7	100	40	320	25 H7	8 JS9	28,3	40
GTHN 127/25H7	125	50	500	25 H7	8 JS9	28,3	60
GTHN 127/30H7	125	50	500	30 H7	8 JS9	33,3	60
GTHN 140/25H7	140	50	620	25 H7	8 JS9	28,3	60
GTHN 140/30H7	140	50	620	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 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 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 202/35H7	200	80	1250	35 H7	10 JS9	38,3	80
GTHN 202/40H7	200	80	1250	40 H7	12 JS9	43,3	80
GTHN 251/30H7	250	50	1000	30 H7	8 JS9	33,3	60
GTHN 251/40H7	250	50	1000	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	2000	40 H7	12 JS9	43,3	100
GTHN 253/50H7	250	100	2000	50 H7	14 JS9	53,8	100

For further wheel Ø, refer to the following page.

Variants / Accessories



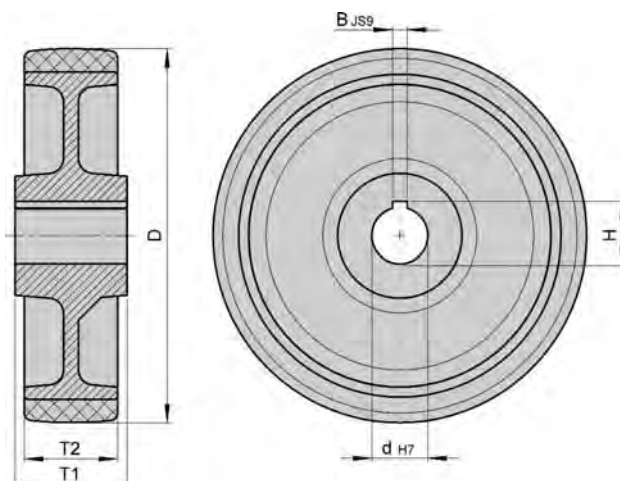
Further dimensions

Technical description page

Ref. No. extension


Available for wheel Ø [mm]

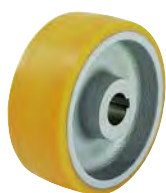
Upon request



Series: GTHN, STHN wheel Ø 300 - 600 mm

Heavy duty drive wheels with hub keyway, with Bickie Extrathane® polyurethane tread, cast iron or welded steel wheel centre

 1800 - 7500 kg



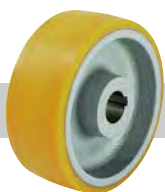
Treads: Made of Bickie Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

Wheel centres: GTHN series: Made of grey cast iron, very rugged,
STHN series: Very strong welded steel construction, borehole and hub keyway in acc. with DIN 6885.
Lacquered - colour silver.
Detailed description: Page 46.

Wheels

Ref. No.	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 302/40H7	300	80	1800	40 H7	12 JS9	43,3	80
GTHN 302/50H7	300	80	1800	50 H7	14 JS9	53,8	80
GTHN 304/40H7	300	100	2300	40 H7	12 JS9	43,3	100
GTHN 304/50H7	300	100	2300	50 H7	14 JS9	53,8	100
GTHN 362/40H7	360	75	2000	40 H7	12 JS9	43,3	75
GTHN 362/50H7	360	75	2000	50 H7	14 JS9	53,8	75
GTHN 400/40H7	400	60	1800	40 H7	12 JS9	43,3	60
GTHN 402/50H7	400	80	2400	50 H7	14 JS9	53,8	80
GTHN 402/60H7	400	80	2400	60 H7	18 JS9	64,4	80
GTHN 404/60H7	400	100	2900	60 H7	18 JS9	64,4	100
GTHN 404/70H7	400	100	2900	70 H7	20 JS9	74,9	100
GTHN 406/70H7	400	125	3600	70 H7	20 JS9	74,9	125
GTHN 406/80H7	400	125	3600	80 H7	22 JS9	85,4	125
STHN 500/100H7	500	150	5000	100 H7	28 JS9	106,4	150
STHN 600/120H7	600	200	7500	120 H7	32 JS9	127,4	200

Variants / Accessories



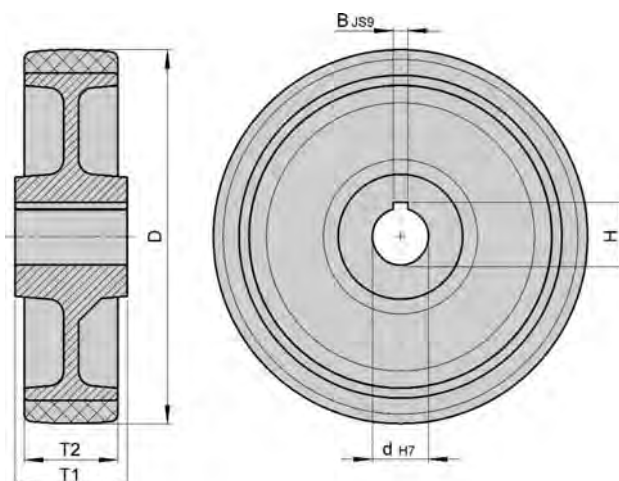
Further dimensions

Technical description page

Ref. No. extension

Available for wheel Ø [mm]

Upon request





Contents: Section 13

Wheel series

Swivel bracket series (combined with the respective wheel series)
For matching fixed castors, refer to the corresponding catalogue pages.

		LE	LER	LEZ	L	LK	LH	LO		
	PO									
	Series	PO	LE-PO	LER-PO	LEZ-PO	L-PO	LK-PO	LH-PO	LO-PO	
	Wheel Ø [mm]	60 - 300 mm	60 - 200 mm	60 - 200 mm	75 - 200 mm	75 - 250 mm	75 - 200 mm	75 - 250 mm	150 - 300 mm	
	Load capacity [kg]	150 - 1500 kg	150 - 300 kg	150 - 300 kg	150 - 270 kg	200 - 600 kg	200 - 600 kg	200 - 900 kg	400 - 1100 kg	
	Page	240 - 241	242	243	244	245 - 246	247	248	249	
	POW									
	Series	POW	LE-POW		L-POW	LK-POW				
	Wheel Ø [mm]	100 - 125 mm	100 - 125 mm		100 - 125 mm	100 - 125 mm				
	Load capacity [kg]	180 - 220 kg	150 kg		180 - 200 kg	180 - 220 kg				
	Page	250	251		253	254				
	PP									
	Series	PP	LE-PP		L-PP					
	Wheel Ø [mm]	80 - 200 mm	80 - 200 mm		80 - 200 mm					
	Load capacity [kg]	120 - 500 kg	120 - 300 kg		120 - 400 kg					
	Page	255	256		258					



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

Series: PO, wheel Ø 60 - 125 mm

Nylon wheels, medium heavy design

 150 - 300 kg



Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain, roller or ball bearing.
Detailed description: Page 47.

Wheels

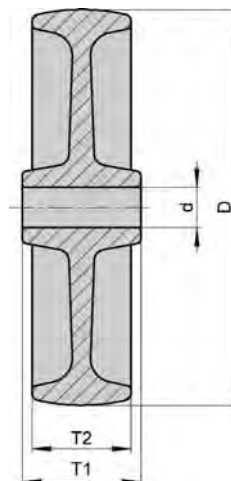
Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PO 60/12G	60	29	150	Plain bearing	12	35
PO 75/12G	75	32	200	Plain bearing	12	35
PO 75/12R	75	32	200	Roller bearing	12	35
PO 80/12G	80	33	220	Plain bearing	12	35
PO 80/12R	80	33	220	Roller bearing	12	35
PO 100/12G	100	37	280	Plain bearing	12	45
PO 100/15G	100	37	280	Plain bearing	15	45
PO 100/12R	100	37	250	Roller bearing	12	45
PO 100/15R	100	37	250	Roller bearing	15	45
PO 100/8K	100	37	280	Ball bearing	8	46
PO 100/10K	100	37	280	Ball bearing	10	46
PO 125/12G	125	40	300	Plain bearing	12	45
PO 125/15G	125	40	300	Plain bearing	15	45
PO 125/20G	125	40	300	Plain bearing	20	45
PO 125/12R	125	40	250	Roller bearing	12	45
PO 125/15R	125	40	250	Roller bearing	15	45
PO 125/8K	125	40	300	Ball bearing	8	46
PO 125/10K	125	40	300	Ball bearing	10	46

For further wheel Ø, refer to the following page.

Variants / Accessories



	Antistatic version, non-marking grey	With stainless steel roller bearing	With bearing seal for ball bearings
Technical description page	47	57	58
Ref. No. extension	-ELS	-XR	-KD
Available for wheel Ø [mm]	Upon request	All sizes	100/8K + 125/8K



Series: PO, wheel Ø 150 - 300 mm

Nylon wheels, medium heavy design

 350 - 1500 kg



Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain, roller or ball bearing.
Detailed description: Page 47.

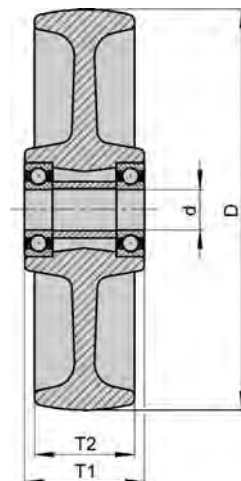
Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PO 151/15G	150	40	350	Plain bearing	15	50
PO 151/20G	150	40	350	Plain bearing	20	50
PO 150/20G	150	50	400	Plain bearing	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 bearing	20	60
PO 160/20R	160	50	400	Roller bearing	20	60
PO 160/20K	160	50	450	Ball bearing	20	60
PO 175/20G	175	50	500	Plain bearing	20	60
PO 175/20R	175	50	400	Roller bearing	20	60
PO 175/20K	175	50	500	Ball bearing	20	60
PO 200/20G	200	50	600	Plain bearing	20	60
PO 200/20R	200	50	400	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 bearing	25	65
PO 250/25K	250	50	1000	Ball bearing	25	65
PO 300/30G	300	55	1500	Plain bearing	30	65
PO 300/30K	300	55	1500	Ball bearing	30	65

Variants / Accessories




	Antistatic version, non-marking grey	With grease nipple	With stainless steel roller bearing	With stainless steel ball bearing
Technical description page	47	47	57	57
Ref. No. extension	-ELS	-NI	-XR	-XK
Available for wheel Ø [mm]	Upon request	Upon request	All sizes	Upon request



Series: LE-PO, BE-PO, B-PO

Pressed steel swivel and fixed castors

 150 - 300 kg



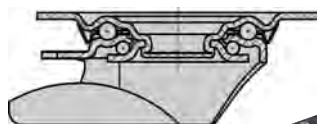
Brackets: LE/BE/B Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, with swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: PO Series - Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain, roller or ball bearing.

Detailed description: Page 240, 241 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swl castor [mm]
LE-PO 60G			60	29	150	Plain bearing	80	100 x 85	80 x 60	9	35
LE-PO 75G	B-PO 75G	LE-PO 75G-FI	75	32	150	Plain bearing	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	33	150	Plain bearing	102	100 x 85	80 x 60	9	38
LE-PO 80R	B-PO 80R	LE-PO 80R-FI	80	33	150	Roller bearing	102	100 x 85	80 x 60	9	38
LE-PO 100G	BE-PO 100G	LE-PO 100G-FI	100	37	150	Plain bearing	125	100 x 85	80 x 60	9	36
LE-PO 100R	BE-PO 100R	LE-PO 100R-FI	100	37	150	Roller bearing	125	100 x 85	80 x 60	9	36
LE-PO 100K	BE-PO 100K	LE-PO 100K-FI	100	37	150	Ball bearing	125	100 x 85	80 x 60	9	36
LE-PO 125G	BE-PO 125G	LE-PO 125G-FI	125	40	150	Plain bearing	150	100 x 85	80 x 60	9	40
LE-PO 125R	BE-PO 125R	LE-PO 125R-FI	125	40	150	Roller bearing	150	100 x 85	80 x 60	9	40
LE-PO 125K	BE-PO 125K	LE-PO 125K-FI	125	40	150	Ball bearing	150	100 x 85	80 x 60	9	40
LE-PO 150G	B-PO 150G	LE-PO 150G-FI	150	50	300	Plain bearing	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 bearing	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 bearing	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 bearing	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




Variants / Accessories

	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With directional lock (retro fit)* 1 x 360°	With bearing seal for ball bearings
Technical description page	79	77	78	58
Ref. No. extension	-FA	-ST	RI-03.03	-KD
Available for wheel Ø [mm]	75 - 200	150 - 200	150 - 200	100 + 125

* Only for swivel castors without brake.

Series: LER-PO

Pressed steel swivel castors with bolt hole fitting

 150 - 300 kg



Brackets: LER Series - Pressed steel, with bolt hole, double ball bearing in the swivel head and strong central kingpin, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, bolted wheel axle, zinc-plated.

Detailed description: Page 62 and 76.

Wheels: PO Series - Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain, roller or ball bearing.

Detailed description: Page 240, 241 and 47.

Swivel castors	Swivel castors with “stop-fix” brake									
Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LER-PO 60G		60	29	150	Plain bearing	80	70	13	35	
LER-PO 75G	LER-PO 75G-FI	75	32	150	Plain bearing	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	33	150	Plain bearing	102	70	13	38	
LER-PO 80R	LER-PO 80R-FI	80	33	150	Roller bearing	102	70	13	38	
LER-PO 100G	LER-PO 100G-FI	100	37	150	Plain bearing	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	125	70	13	36	
LER-PO 125G	LER-PO 125G-FI	125	40	150	Plain bearing	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	150	70	13	40	
LER-PO 150G	LER-PO 150G-FI	150	50	300	Plain bearing	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 bearing	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 bearing	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 bearing	235	88	13	54	
LER-PO 200R	LER-PO 200R-FI	200	50	300	Roller bearing	235	88	13	54	

Variants / Accessories



	With pressed steel thread guard, zinc-plated	With bearing seal for ball bearings
Technical description page	79	58
Ref. No. extension	-FA	-KD
Available for wheel Ø [mm]	75 - 200	100 + 125

Series: LEZ-P0

Pressed steel swivel castors
with stem fitting

150 - 270 kg



Brackets: LEZ Series - Pressed steel, with steel stems, with double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, bolted wheel axle, zinc-plated.
Detailed description: Page 62 and 76.

Wheels: PO Series - Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain bearing.
Detailed description: Page 240, 241 and 47.

Swivel castors	Swivel castors with “stop-fix” brake									
Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Stem Ø	Stem length	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LEZ-PO 75G	LEZ-PO 75G-FI	75	32	150	Plain bearing	100	20	50	38	
LEZ-PO 80G	LEZ-PO 80G-FI	80	33	150	Plain bearing	102	20	50	38	
LEZ-PO 100G	LEZ-PO 100G-FI	100	37	150	Plain bearing	125	20	50	36	
LEZ-PO 125G	LEZ-PO 125G-FI	125	40	150	Plain bearing	150	20	50	40	
LEZ-PO 150G-22	LEZ-PO 150G-22-FI	150	50	270	Plain bearing	190	22	60	54	
LEZ-PO 150G-27	LEZ-PO 150G-27-FI	150	50	270	Plain bearing	190	27	60	54	
LEZ-PO 160G-22	LEZ-PO 160G-22-FI	160	50	270	Plain bearing	195	22	60	54	
LEZ-PO 160G-27	LEZ-PO 160G-27-FI	160	50	270	Plain bearing	195	27	60	54	
LEZ-PO 200G-22	LEZ-PO 200G-22-FI	200	50	270	Plain bearing	235	22	60	54	
LEZ-PO 200G-27	LEZ-PO 200G-27-FI	200	50	270	Plain bearing	235	27	60	54	

Further information on the Internet: www.blicke.de

Variants / Accessories




	With pressed steel thread guard, zinc-plated
Technical description page	79
Ref. No. extension	-FA
Available for wheel Ø [mm]	All sizes

Castors+Wheels

Series: L-PO, B-PO, wheel Ø 75 - 150 mm

Pressed steel swivel and fixed castors, medium duty brackets

 200 - 400 kg



Brackets: L/B Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 150 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

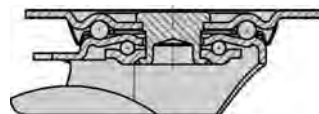
Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: PO Series - Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain, roller or ball bearing.

Detailed description: Page 240, 241 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
L-PO 75G	B-PO 75G	L-PO 75G-FI	75	32	200	Plain bearing	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	33	200	Plain bearing	102	100 x 85	80 x 60	9	38
L-PO 80R	B-PO 80R	L-PO 80R-FI	80	33	200	Roller bearing	102	100 x 85	80 x 60	9	38
L-PO 100G	B-PO 100G	L-PO 100G-FI	100	37	200	Plain bearing	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	125	100 x 85	80 x 60	9	36
L-PO 125G	B-PO 125G	L-PO 125G-FI	125	40	200	Plain bearing	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	150	100 x 85	80 x 60	9	40
L-PO 150G	B-PO 150G	L-PO 150G-FI	150	50	400	Plain bearing	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 following page.



Variants / Accessories



	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With 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	79	77	78	79	57	57
Ref. No. extension	-FA	-ST	RI-05.03	-XA	-XR	-XK
Available for wheel Ø [mm]	All sizes	All sizes	150	All plain bearing versions	All sizes	Upon request

* Only for swivel castors without brake.

Series: L-PO, B-PO, BH-PO, wheel Ø 160 - 250 mm

Pressed steel swivel and fixed castors, medium duty brackets

 400 - 600 kg



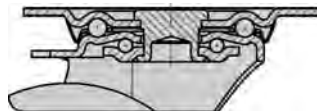
Brackets: L/B/BH Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin, swivel head sealing (except for bracket with 175x175 plate), bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: PO Series - Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain, roller or ball bearing.
Detailed description: Page 241 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	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 bearing	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 bearing	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 bearing	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	600	Plain bearing	295	140 x 110	105 x 75-80	11	77
L-PO 250K-3	BH-PO 250K	*	250	50	600	Ball bearing	295	140 x 110	105 x 75-80	11	77
L-PO 250G		*	250	50	600	Plain bearing	295	175 x 175	140 x 140	15	70
	B-PO 250G		250	50	600	Plain bearing	295	220 x 120	190 x 75	15	

* For the "stop-top" brake version, refer to Variants / Accessories.



Variants / Accessories


	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With 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	79	77	78	79	57	57
Ref. No. extension	-FA	-ST	RI-05.03	-XA	-XR	-XK
Available for wheel Ø [mm]	160 - 200	All sizes	160 - 200	All plain bearing versions	All sizes	Upon request

** Only for swivel castors without brake.

Castors+Wheels

Series: LK-PO, BK-PO, BH-PO

Pressed steel swivel and fixed castors, medium heavy duty brackets

 200 - 600 kg



Brackets: LK/BK/BH Series - Pressed from heavy sheet-steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 150-200 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: PO Series - Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain, roller or ball bearing.
Detailed description: Page 240, 241 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl [mm]
Ref. No.	Ref. No.	Ref. No.									
LK-PO 75G	BK-PO 75G	*	75	32	200	Plain bearing	108	100 x 85	80 x 60	9	40
LK-PO 75R	BK-PO 75R	*	75	32	200	Roller bearing	108	100 x 85	80 x 60	9	40
LK-PO 100G-1	BK-PO 100G-1	LK-PO 100G-1-FI	100	37	250	Plain bearing	130	100 x 85	80 x 60	9	45
LK-PO 100R-1	BK-PO 100R-1	LK-PO 100R-1-FI	100	37	250	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	250	Ball bearing	130	100 x 85	80 x 60	9	45
LK-PO 100G-3	BK-PO 100G-3	LK-PO 100G-3-FI	100	37	250	Plain bearing	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	250	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	250	Ball bearing	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	250	Plain bearing	155	100 x 85	80 x 60	9	48
LK-PO 125R-1	BK-PO 125R-1	LK-PO 125R-1-FI	125	40	250	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	250	Ball bearing	155	100 x 85	80 x 60	9	48
LK-PO 125G-3	BK-PO 125G-3	LK-PO 125G-3-FI	125	40	250	Plain bearing	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	250	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	250	Ball bearing	155	140 x 110	105 x 75-80	11	48
LK-PO 150G	BH-PO 150G	LK-PO 150G-FI	150	50	400	Plain bearing	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 bearing	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 bearing	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 bearing	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

* For the "stop-top" brake version, refer to Variants / Accessories.

Variants / Accessories




	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With "ideal-stop" brake ttl. height + 17mm**	With directional lock (retro fit)*** 1 x 360°	With directional lock (retro fit)*** 1 x 360°	With stainless steel axle tube in the wheel hub	With stainless steel roller bearing (-XR) / ball bearing(-XK)
Technical description page	79	77	77	78	78	79	57
Ref. No. extension	-FA	-ST	-IS	RI-03.03	RI-05.03	-XA	-XR, -XK
Available for wheel Ø [mm]	All sizes	All sizes	160 + 200	100 + 125 plate 140x110	150 - 200	All plain bearing versions	Upon request

** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

*** Only for swivel castors without brake.

Series: LH-PO, BH-PO

Pressed steel swivel and fixed castors, heavy duty brackets

 200 - 900 kg



Brackets: LH/BH Series - Pressed from sheet-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.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: PO Series - Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.

Detailed description: Page 240, 241 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LH-PO 75G	BH-PO 75G	*	75	32	200	Plain bearing	118	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 bearing	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	140	100 x 85	80 x 60	9	45
LH-PO 100G-3		LH-PO 100G-3-FI	100	37	280	Plain bearing	140	140 x 110	105 x 75-80	11	45
LH-PO 100K-3		LH-PO 100K-3-FI	100	37	280	Ball bearing	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 bearing	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	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 bearing	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	165	140 x 110	105 x 75-80	11	45
LH-PO 150G	BH-PO 150G	LH-PO 150G-FI	150	50	400	Plain bearing	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 bearing	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 bearing	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 bearing	245	140 x 110	105 x 75-80	11	67
LH-PO 200K	BH-PO 200K	LH-PO 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	67
LH-PO 250G	BH-PO 250G	*	250	50	900	Plain bearing	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 Variants / Accessories.

Variants / Accessories



	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With "ideal-stop" brake ttl. height + 17mm**	With directional lock (retro fit)*** 1 x 360°	With sealing + grease nipple in the swivel head ***	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	79	77	77	78	63	79	57
Ref. No. extension	-FA	-ST	-IS	RI-05.03	-DN	-XA	-XK
Available for wheel Ø [mm]	75 - 200	All sizes	160 + 200	150 - 200	Upon request	All plain bearing versions	Upon request

** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

*** Only for swivel castors without brake.

Series: LO-PO, BO-PO

Welded steel heavy duty swivel and fixed castors

 400 - 1100 kg



Brackets: LO/BO Series - Heavy 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**, labyrinth swivel head sealing with grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated.

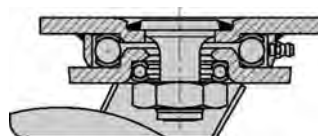
Top plate drawings: Page 71.

Detailed description: Page 64 and 77.

Wheels: PO Series - Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.

Detailed description: Page 241 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-PO 150G	BO-PO 150G	LO-PO 150G-ST	150	50	400	Plain bearing	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 bearing	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 bearing	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 bearing	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
LO-PO 300K	BO-PO 300K	LO-PO 300K-ST	300	55	1100	Ball bearing	350	140 x 110	105 x 75-80	11	75



Variants / Accessories

	With directional lock 2 x 180°	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	78	79	57
Ref. No. extension	-RI2	-XA	-XK
Available for wheel Ø [mm]	150 - 200	All plain bearing versions	Upon request

Series: POW
Noise-absorbing nylon wheels

180 - 220 kg



Treads: Made of high-quality nylon, colour natural white, **noise-absorbing (-10 decibel) achieved with elastic solid rubber inner cushion ring layer**, colour grey, vibration-cushioned operational comfort, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant.

Wheel centres: Made of high-quality nylon, colour black, shock and impact-resistant, corrosion-resistant, roller or ball bearing.

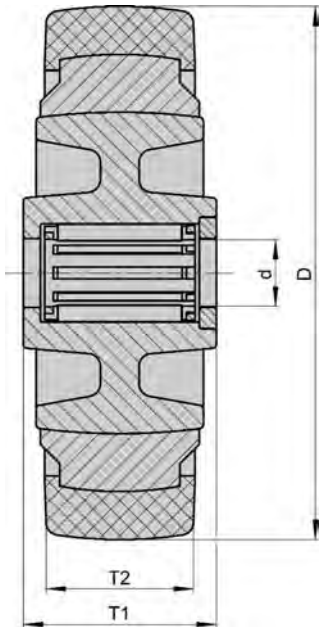
Detailed description: Page 47.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POW 100/15R	100	35	180	Roller bearing	15	45
POW 125/15R	125	35	220	Roller bearing	15	45
POW 125/10K	125	35	220	Ball bearing	10	46

Variants / Accessories

	With stainless steel roller bearing
Technical description page	57
Ref. No. extension	-XR
Available for wheel Ø [mm]	Upon request



Series: LE-POW, BE-POW

Pressed steel swivel and fixed castors

150 kg

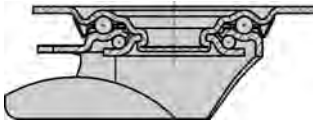


Swivel castors

Fixed castors

Swivel castors with "stop-fix" brake

Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LE-POW 100R	BE-POW 100R	LE-POW 100R-FI	100	35	150	Roller bearing	125	100 x 85	80 x 60	9	36
LE-POW 125R	BE-POW 125R	LE-POW 125R-FI	125	35	150	Roller bearing	150	100 x 85	80 x 60	9	40



Brackets: LE/BE Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, with swivel head sealing, bolted wheel axle, zinc-plated.
Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: POW Series - Treads: Made of high-quality nylon, colour natural white, **noise-absorbing (-10 decibel) achieved with elastic solid rubber inner cushion ring layer**, colour grey, vibration-cushioned operational comfort, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant.
Wheel centres: Made of high-quality nylon, colour black, shock and impact-proof, corrosion-resistant, ball bearing.
Detailed description: Page 250 and 47.

Variants / Accessories

	With stainless steel roller bearing in the wheel hub
Technical description page	57
Ref. No. extension	-XR
Available for wheel Ø [mm]	Upon request

Series: LER-POW

Pressed steel swivel castors
with bolt hole fitting

150 kg



Brackets: LER Series - Pressed steel, with bolt hole, double ball bearing in the swivel head and strong central kingpin, dynamically pressed in accordance with special Blickle procedure resulting in an extremely low swivel head play and a long service life, bolted wheel axle, zinc-plated.

Detailed description: Page 62 and 76.

Wheels: POW Series - Treads: Made of high-quality nylon, colour natural white, **noise-absorbing (-10 decibel) achieved with elastic solid rubber inner cushion ring layer**, colour grey, vibration-cushioned operational comfort, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant.

Wheel centres: Made of high-quality nylon, colour black, shock and impact-proof, corrosion-resistant, ball bearing.

Detailed description: Page 250 and 47.

Swivel castors	Swivel castors with "stop-fix" brake								
Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LER-POW 100R	LER-POW 100R-FI	100	35	150	Roller bearing	125	70	13	36
LER-POW 125R	LER-POW 125R-FI	125	35	150	Roller bearing	150	70	13	40



Variants / Accessories

	With stainless steel roller bearing in the wheel hub
Technical description page	57
Ref. No. extension	-XR
Available for wheel Ø [mm]	Upon request

Castors+Wheels

Series: L-POW, B-POW

Pressed steel swivel and fixed castors, medium duty brackets

180 - 200 kg

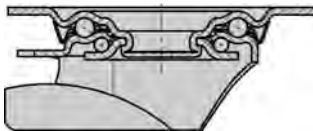


Brackets: L/B Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: POW Series - Treads: Made of high-quality nylon, colour natural white, **noise-absorbing (-10 decibel) achieved with elastic solid rubber inner cushion ring layer**, colour grey, vibration-cushioned operational comfort, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant.
Wheel centres: Made of high-quality nylon, colour black, shock and impact-proof, corrosion-resistant, ball bearing.
Detailed description: Page 250 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate size	Bolt hole spacing	Bolt hole Ø	Offset swvl castor
Ref. No.	Ref. No.	Ref. No.	[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	[mm]
L-POW 100R	B-POW 100R	L-POW 100R-FI	100	35	180	Roller bearing	125	100 x 85	80 x 60	9	36
L-POW 125R	B-POW 125R	L-POW 125R-FI	125	35	200	Roller bearing	150	100 x 85	80 x 60	9	40
L-POW 125K	B-POW 125K	L-POW 125K-FI	125	35	200	Ball bearing	150	100 x 85	80 x 60	9	40




Variants / Accessories

	With stainless steel roller bearing in the wheel hub
Technical description page	57
Ref. No. extension	-XR
Available for wheel Ø [mm]	Upon request

Series: LK-POW, BK-POW

Pressed steel swivel and fixed castors, medium heavy duty brackets

 180 - 220 kg



Brackets: LK/BK Series - Pressed from heavy sheet-steel, swivel bracket with double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, swivel head sealing, bolted wheel axle, zinc-plated.

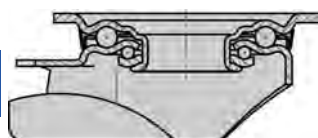
Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: POW Series - Treads: Made of high-quality nylon, colour natural white, **noise-absorbing (-10 decibel) achieved with elastic solid rubber inner cushion ring layer**, colour grey, vibration-cushioned operational comfort, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant.

Wheel centres: Made of high-quality nylon, colour black, shock and impact-proof, corrosion-resistant, ball bearing.

Detailed description: Page 250 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LK-POW 100R-1	BK-POW 100R-1	LK-POW 100R-1-FI	100	35	180	Roller bearing	130	100 x 85	80 x 60	9	45
LK-POW 100R-3	BK-POW 100R-3	LK-POW 100R-3-FI	100	35	180	Roller bearing	130	140 x 110	105 x 75-80	11	45
LK-POW 125R-1	BK-POW 125R-1	LK-POW 125R-1-FI	125	35	220	Roller bearing	155	100 x 85	80 x 60	9	48
LK-POW 125R-3	BK-POW 125R-3	LK-POW 125R-3-FI	125	35	220	Roller bearing	155	140 x 110	105 x 75-80	11	48
LK-POW 125K-1	BK-POW 125K-1	LK-POW 125K-1-FI	125	35	220	Ball bearing	155	100 x 85	80 x 60	9	48
LK-POW 125K-3	BK-POW 125K-3	LK-POW 125K-3-FI	125	35	220	Ball bearing	155	140 x 110	105 x 75-80	11	48



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Further information on the Internet: www.blicke.de

Variants / Accessories

	With stainless steel roller bearing in the wheel hub
Technical description page	57
Ref. No. extension	-XR
Available for wheel Ø [mm]	Upon request

Series: PP

Polypropylene wheels

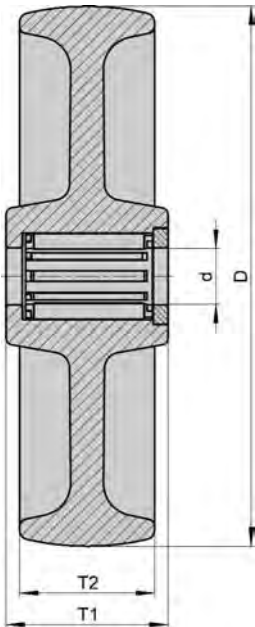
120 - 500 kg



Made of polypropylene, colour black, shock and impact-resistant, corrosion-resistant, plain or roller bearing.
Detailed description: Page 46.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PP 80/12G	80	33	120	Plain bearing	12	35
PP 80/12R	80	33	120	Roller bearing	12	35
PP 100/12G	100	37	160	Plain bearing	12	45
PP 100/15G	100	37	160	Plain bearing	15	45
PP 100/12R	100	37	160	Roller bearing	12	45
PP 100/15R	100	37	160	Roller bearing	15	45
PP 125/12G	125	40	200	Plain bearing	12	45
PP 125/15G	125	40	200	Plain bearing	15	45
PP 125/12R	125	40	200	Roller bearing	12	45
PP 125/15R	125	40	200	Roller bearing	15	45
PP 150/20G	150	50	300	Plain bearing	20	60
PP 150/20R	150	50	300	Roller bearing	20	60
PP 200/20G	200	50	500	Plain bearing	20	60
PP 200/20R	200	50	400	Roller bearing	20	60



Series: LE-PP, BE-PP, B-PP

Pressed steel swivel and fixed castors

 120 - 300 kg



Brackets: LE/BE/B Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, with swivel head sealing, bolted wheel axle, zinc-plated.

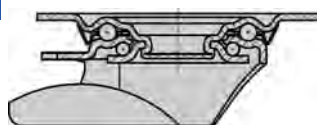
Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: PP Series - Made of polypropylene, colour black, shock and impact-resistant, corrosion-resistant, plain or roller bearing.

Detailed description: Page 255 and 46.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LE-PP 80G	B-PP 80G	LE-PP 80G-FI	80	33	120	Plain bearing	102	100 x 85	80 x 60	9	38
LE-PP 80R	B-PP 80R	LE-PP 80R-FI	80	33	120	Roller bearing	102	100 x 85	80 x 60	9	38
LE-PP 100G	BE-PP 100G	LE-PP 100G-FI	100	37	150	Plain bearing	125	100 x 85	80 x 60	9	36
LE-PP 100R	BE-PP 100R	LE-PP 100R-FI	100	37	150	Roller bearing	125	100 x 85	80 x 60	9	36
LE-PP 125G	BE-PP 125G	LE-PP 125G-FI	125	40	150	Plain bearing	150	100 x 85	80 x 60	9	40
LE-PP 125R	BE-PP 125R	LE-PP 125R-FI	125	40	150	Roller bearing	150	100 x 85	80 x 60	9	40
LE-PP 150G	B-PP 150G	LE-PP 150G-FI	150	50	300	Plain bearing	190	140 x 110	105 x 75-80	11	54
LE-PP 150R	B-PP 150R	LE-PP 150R-FI	150	50	300	Roller bearing	190	140 x 110	105 x 75-80	11	54
LE-PP 200G	B-PP 200G	LE-PP 200G-FI	200	50	300	Plain bearing	235	140 x 110	105 x 75-80	11	54
LE-PP 200R	B-PP 200R	LE-PP 200R-FI	200	50	300	Roller bearing	235	140 x 110	105 x 75-80	11	54

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Variants / Accessories




	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With directional lock (retro fit)* 1 x 360°
Technical description page	79	77	78
Ref. No. extension	-FA	-ST	RI-03.03
Available for wheel Ø [mm]	All sizes	150 + 200	150 + 200

* Only for swivel castors without brake.

Series: LER-PP

Pressed steel swivel castors with bolt hole fitting

 120 - 300 kg



Brackets: LER Series - Pressed steel, with bolt hole, double ball bearing in the swivel head and strong central kingpin, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, bolted wheel axle, zinc-plated.

Detailed description: Page 62 and 76.

Wheels: PP Series - Made of polypropylene, colour black, shock and impact-resistant, corrosion-resistant, plain or roller bearing.

Detailed description: Page 255 and 46.

Swivel castors	Swivel castors with “stop-fix” brake									
Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LER-PP 80G	LER-PP 80G-FI	80	33	120	Plain bearing	102	70	13	38	
LER-PP 80R	LER-PP 80R-FI	80	33	120	Roller bearing	102	70	13	38	
LER-PP 100G	LER-PP 100G-FI	100	37	150	Plain bearing	125	70	13	36	
LER-PP 100R	LER-PP 100R-FI	100	37	150	Roller bearing	125	70	13	36	
LER-PP 125G	LER-PP 125G-FI	125	40	150	Plain bearing	150	70	13	40	
LER-PP 125R	LER-PP 125R-FI	125	40	150	Roller bearing	150	70	13	40	
LER-PP 150G	LER-PP 150G-FI	150	50	300	Plain bearing	190	88	13	54	
LER-PP 150R	LER-PP 150R-FI	150	50	300	Roller bearing	190	88	13	54	
LER-PP 200G	LER-PP 200G-FI	200	50	300	Plain bearing	235	88	13	54	
LER-PP 200R	LER-PP 200R-FI	200	50	300	Roller bearing	235	88	13	54	



Variants / Accessories

With pressed steel thread guard, zinc-plated

Technical description page

79

Ref. No. extension


-FA

Available for wheel Ø [mm]

All sizes

Series: L-PP, B-PP

Pressed steel swivel and fixed castors, medium heavy brackets

 120 - 400 kg



Brackets: L/B Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 150+200 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

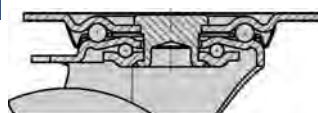
Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: PP Series - Made of polypropylene, colour black, shock and impact-resistant, corrosion-resistant, plain or roller bearing.

Detailed description: Page 255 and 46.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
Ref. No.	Ref. No.	Ref. No.									
L-PP 80G	B-PP 80G	L-PP 80G-FI	80	33	120	Plain bearing	102	100 x 85	80 x 60	9	38
L-PP 80R	B-PP 80R	L-PP 80R-FI	80	33	120	Roller bearing	102	100 x 85	80 x 60	9	38
L-PP 100G	B-PP 100G	L-PP 100G-FI	100	37	160	Plain bearing	125	100 x 85	80 x 60	9	36
L-PP 100R	B-PP 100R	L-PP 100R-FI	100	37	160	Roller bearing	125	100 x 85	80 x 60	9	36
L-PP 125G	B-PP 125G	L-PP 125G-FI	125	40	200	Plain bearing	150	100 x 85	80 x 60	9	40
L-PP 125R	B-PP 125R	L-PP 125R-FI	125	40	200	Roller bearing	150	100 x 85	80 x 60	9	40
L-PP 150G	B-PP 150G	L-PP 150G-FI	150	50	300	Plain bearing	190	140 x 110	105 x 75-80	11	60
L-PP 150R	B-PP 150R	L-PP 150R-FI	150	50	300	Roller bearing	190	140 x 110	105 x 75-80	11	60
L-PP 200G	B-PP 200G	L-PP 200G-FI	200	50	400	Plain bearing	235	140 x 110	105 x 75-80	11	65
L-PP 200R	B-PP 200R	L-PP 200R-FI	200	50	400	Roller bearing	235	140 x 110	105 x 75-80	11	65

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Variants / Accessories



	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With directional lock (retro fit)* 1 x 360°
Technical description page	79	77	78
Ref. No. extension	-FA	-ST	RI-05.03
Available for wheel Ø [mm]	All sizes	All sizes	150 + 200

* Only for swivel castors without brake.



Contents: Section 14


Wheel series

Wheel series			Swivel bracket series (combined with the respective wheel series) For matching fixed castors, refer to the corresponding catalogue pages.								
			LK	LKR	LH	LT	LO	LS	LOD	LSD	
	SPO										
	Series	SPO	LK-SPO	LKR-SPO	LH-SPO	LT-SPO	LO-SPO	LS-SPO	LOD-SPO	LSD-SPO	
	Wheel Ø [mm]	75 - 250 mm	75 - 200 mm	75 - 125 mm	75 - 250 mm	75 - 150 mm	125 - 250 mm	125 - 250 mm	75 - 125 mm	125 - 250 mm	
	Load capacity [kg]	300 - 2000 kg	250 - 600 kg	250 kg	300 - 900 kg	300 - 750 kg	750 - 1250 kg	750 - 2000 kg	500 - 1200 kg	1350 - 3600 kg	
Page			262 - 263	264	265	266	267	268	269	270	271
	GSP0										
	Series	GSP0			LH-GSP0			LS-GSP0		LSD-GSP0	
	Wheel Ø [mm]	80 - 400 mm			80 - 125 mm			100 - 400 mm		80 - 400 mm	
	Load capacity [kg]	1000 - 12000 kg			700 - 900 kg			1500 - 12000 kg		1750 - 20000 kg	
Page			272			273		274		275	



Heavy duty nylon wheels and castors

Series: SP0, wheel Ø 75 - 175 mm
Heavy duty nylon wheels

 300 - 1000 kg



Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.
 Detailed description: Page 47.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SP0 75/12G	75	32	300	Plain bearing	12	35
SP0 75/15G	75	32	300	Plain bearing	15	35
SP0 75/15K	75	32	300	Ball bearing	15	35
SP0 100/15G	100	37	500	Plain bearing	15	45
SP0 100/15K	100	37	500	Ball bearing	15	45
SP0 125/15G	125	40	700	Plain bearing	15	45
SP0 125/20G	125	40	700	Plain bearing	20	45
SP0 125/15K	125	40	700	Ball bearing	15	45
SP0 125/20K	125	40	700	Ball bearing	20	45
SP0 127/20G	125	50	750	Plain bearing	20	60
SP0 127/20K	125	50	750	Ball bearing	20	60
SP0 150/20G	150	50	800	Plain bearing	20	60
SP0 150/20K	150	50	800	Ball bearing	20	60
SP0 150/25K	150	50	800	Ball bearing	25	60
SP0 175/20G	175	50	1000	Plain bearing	20	60
SP0 175/20K	175	50	1000	Ball bearing	20	60
SP0 175/25K	175	50	1000	Ball bearing	25	60

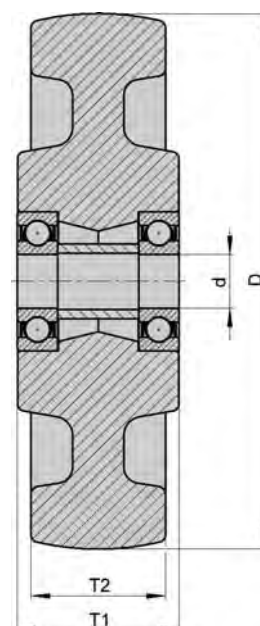
For further wheel Ø, refer to the following page.

Variants / Accessories



	With grease nipple	With stainless steel ball bearing*
Technical description page	47	47 + 57
Ref. No. extension	-NI	-XK
Available for wheel Ø [mm]	Upon request	Upon request

* Caution! For reduced load capacities, refer to page 47.



Castors+Wheels

Series: SP0, wheel Ø 200 + 250 mm
Heavy duty nylon wheels

1000 - 2000 kg



Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.
Detailed description: Page 47.

Wheels						
Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SP0 201/20G	200	50	1000	Plain bearing	20	60
SP0 201/20K	200	50	1000	Ball bearing	20	60
SP0 200/20G*	200	50	1500	Plain bearing	20	60
SP0 200/25G*	200	50	1500	Plain bearing	25	60
SP0 200/20K*	200	50	1500	Ball bearing	20	60
SP0 200/25K*	200	50	1500	Ball bearing	25	60
SP0 200/30K*	200	50	1500	Ball bearing	30	60
SP0 250/25G	250	65	2000	Plain bearing	25	65
SP0 250/25K	250	65	2000	Ball bearing	25	65
SP0 250/30K	250	65	2000	Ball bearing	30	65
SP0 250/35K	250	65	2000	Ball bearing	35	65

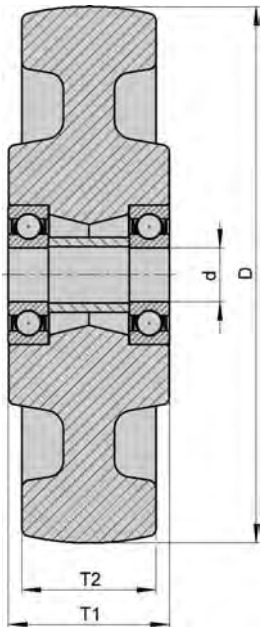
* Extra-heavy wheel design.

Variants / Accessories



	With grease nipple	With stainless steel ball bearing**
Technical description page	47	47 + 57
Ref. No. extension	-NI	-XK
Available for wheel Ø [mm]	Upon request	Upon request

** Caution! For reduced load capacities, refer to page 47.



Series: LK-SPO, BK-SPO, BH-SPO

Pressed steel swivel and fixed castors, medium heavy duty brackets

 250 - 600 kg



Brackets: LK/BK/BH Series - Pressed from heavy sheet-steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 125x54 - 200x50 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.

Detailed description: Page 262, 263 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LK-SPO 75G	BK-SPO 75G	*	75	32	250	Plain bearing	108	100 x 85	80 x 60	9	40
LK-SPO 75K	BK-SPO 75K	*	75	32	250	Ball bearing	108	100 x 85	80 x 60	9	40
LK-SPO 100G-1	BK-SPO 100G-1	LK-SPO 100G-1-FI	100	37	250	Plain bearing	130	100 x 85	80 x 60	9	45
LK-SPO 100K-1	BK-SPO 100K-1	LK-SPO 100K-1-FI	100	37	250	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	250	Plain bearing	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	250	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	250	Plain bearing	155	100 x 85	80 x 60	9	48
LK-SPO 125K-1	BK-SPO 125K-1	LK-SPO 125K-1-FI	125	40	250	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	250	Plain bearing	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	250	Ball bearing	155	140 x 110	105 x 75-80	11	48
LK-SPO 127G	BH-SPO 127G	LK-SPO 127G-FI	125	50	600	Plain bearing	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 bearing	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 175G	BH-SPO 175G	LK-SPO 175G-FI	175	50	600	Plain bearing	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 bearing	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 bearing	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

* For the "stop-top" brake variant, refer to Variants / Accessories.

** Extra-heavy wheel design.

Variants / Accessories



	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With "ideal-stop" brake ttl. height +17mm***	With directional lock (retro fit) *** 1 x 360°	With 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	79	77	77	78	78	79	57
Ref. No. extension	-FA	-ST	-IS	RI-03.03	RI-05.03	-XA	-XK
Available for wheel Ø [mm]	All sizes	All sizes	200	100 + 125 plate 140x110	125x50 - 200	All plain bearing versions	Upon request

*** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

**** Only for swivel castors without brake.

Castors+Wheels

Series: LKR-SPO

Pressed steel swivel castors with bolt hole fitting, medium heavy duty brackets

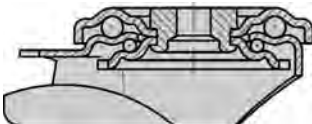
250 kg



Brackets: LKR Series - Pressed from heavy sheet-steel, single bolt hole fitting, double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin, bolted wheel axle, zinc-plated.
Detailed description: Page 63 and 76.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.
Detailed description: Page 262 and 47.

Swivel castors	Swivel castors with “stop-fix” brake									
Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	[mm]
LKR-SPO 75G		75	32	250	Plain bearing	108	88	13	40	
LKR-SPO 75K		75	32	250	Ball bearing	108	88	13	40	
LKR-SPO 100G	LKR-SPO 100G-FI	100	37	250	Plain bearing	130	88	13	45	
LKR-SPO 100K	LKR-SPO 100K-FI	100	37	250	Ball bearing	130	88	13	45	
LKR-SPO 125G	LKR-SPO 125G-FI	125	40	250	Plain bearing	155	88	13	48	
LKR-SPO 125K	LKR-SPO 125K-FI	125	40	250	Ball bearing	155	88	13	48	




Variants / Accessories

	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	79	79	57
Ref. No. extension	-FA	-XA	-XK
Available for wheel Ø [mm]	All sizes	All plain bearing versions	Upon request

Series: LH-SPO, BH-SPO

Pressed steel swivel and fixed castors, heavy duty brackets

 300 - 900 kg



Brackets: LH/BH Series - Pressed from sheet-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.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.

Detailed description: Page 262, 263 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LH-SPO 75G	BH-SPO 75G	*	75	32	300	Plain bearing	118	100 x 85	80 x 60	9	45
LH-SPO 75K	BH-SPO 75K	*	75	32	300	Ball bearing	118	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 bearing	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		LH-SPO 100G-3-FI	100	37	500	Plain bearing	140	140 x 110	105 x 75-80	11	45
LH-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 bearing	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 bearing	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 bearing	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
LH-SPO 150G	BH-SPO 150G	LH-SPO 150G-FI	150	50	800	Plain bearing	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 175G	BH-SPO 175G	LH-SPO 175G-FI	175	50	900	Plain bearing	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 bearing	245	140 x 110	105 x 75-80	11	67
LH-SPO 201K	BH-SPO 201K	LH-SPO 201K-FI	200	50	900	Ball bearing	245	140 x 110	105 x 75-80	11	67
LH-SPO 200G**	BH-SPO 200G**	LH-SPO 200G-FI**	200	50	900	Plain bearing	245	140 x 110	105 x 75-80	11	67
LH-SPO 200K**	BH-SPO 200K**	LH-SPO 200K-FI**	200	50	900	Ball bearing	245	140 x 110	105 x 75-80	11	67
LH-SPO 250G	BH-SPO 250G	*	250	65	900	Plain bearing	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

* For the "stop-top" brake variant, refer to Variants / Accessories.

** Extra-heavy wheel design.

Variants / Accessories



	With pressed steel thread guard, zinc-plated	With "stop-top" brake	With "ideal-stop" brake ttl. height +17mm***	With directional lock (retro fit) *** 1 x 360°	With sealing + grease nipple in the swivel head ****	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub *****
Technical description page	79	77	77	78	63	79	47 + 57
Ref. No. extension	-FA	-ST	-IS	RI-05.03	-DN	-XA	-XK
Available for wheel Ø [mm]	75 - 200	All sizes	200	125x50 - 200	Upon request	All plain bearing versions	Upon request

*** Matching synthetic adapter plate for total height compensation for swivel and fixed castors without "ideal-stop" brake: Ref. No. AP3.

***** Only for swivel castors without brake. ***** Caution! For reduced load capacities, refer to page 47.

Series: LT-SPO, BT-SPO

Malleable cast iron swivel and fixed castors

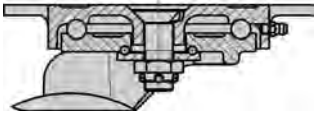
300 - 750 kg



Brackets: LT/BT Series - Made of high-quality white malleable cast iron, swivel bracket with double ball bearing in the swivel head (wheel Ø 75 mm with single ball bearing), swivel head with ball protection, fitted grease nipple, bolted wheel axle, zinc-plated:
Top plate drawings: Page 73.
Detailed description: Page 63.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain bearing.
Detailed description: Page 262 and 47.

Swivel castors	Fixed castors	Detailed description: Page 262 and 47.									
		Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
LT-SPO 75G	BT-SPO 75G		75	32	300	Plain bearing	108	115 x 80	90 x 55	9	30
LT-SPO 100G	BT-SPO 100G		100	37	500	Plain bearing	150	155 x 105	125 x 75	11	40
LT-SPO 125G	BT-SPO 125G		125	40	500	Plain bearing	163	155 x 105	125 x 75	11	40
LT-SPO 150G	BT-SPO 150G		150	50	750	Plain bearing	200	175 x 125	145 x 95	11	50



Series: LO-SP0, BO-SP0

Welded steel heavy duty swivel and fixed castors

 750 - 1250 kg



Brackets: LO/BO Series - Heavy 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**, labyrinth swivel head sealing with grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated.

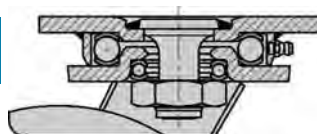
Top plate drawings: Page 71.
Detailed description: Page 64 and 77.

Wheels: SP0 Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.

Detailed description: Page 262, 263 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LO-SP0 127G	BO-SP0 127G	LO-SP0 127G-ST	125	50	750	Plain bearing	170	140 x 110	105 x 75-80	11	50
LO-SP0 127K	BO-SP0 127K	LO-SP0 127K-ST	125	50	750	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-SP0 150G	BO-SP0 150G	LO-SP0 150G-ST	150	50	800	Plain bearing	200	140 x 110	105 x 75-80	11	55
LO-SP0 150K	BO-SP0 150K	LO-SP0 150K-ST	150	50	800	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-SP0 201G	BO-SP0 201G	LO-SP0 201G-ST	200	50	1000	Plain bearing	245	140 x 110	105 x 75-80	11	60
LO-SP0 201K	BO-SP0 201K	LO-SP0 201K-ST	200	50	1000	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-SP0 200G*	BO-SP0 200G*	LO-SP0 200G-ST*	200	50	1250	Plain bearing	245	140 x 110	105 x 75-80	11	60
LO-SP0 200K*	BO-SP0 200K*	LO-SP0 200K-ST*	200	50	1250	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-SP0 250G	BO-SP0 250G	LO-SP0 250G-ST	250	65	1200	Plain bearing	295	140 x 110	105 x 75-80	11	70
LO-SP0 250K	BO-SP0 250K	LO-SP0 250K-ST	250	65	1200	Ball bearing	295	140 x 110	105 x 75-80	11	70

* Extra-heavy wheel design.



Variants / Accessories

	With pressed steel thread guard, zinc-plated	With directional lock 2 x 180°	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub**
Technical description page	79	78	79	47 + 57
Ref. No. extension	-FA	-RI2	-XA	-XK
Available for wheel Ø [mm]	125 - 200	125 - 200	All plain bearing versions	Upon request

** Caution! For reduced load capacities, refer to page 47.

Series: LS-SPO, BS-SPO

Welded steel heavy duty swivel and fixed castors, extra strong swivel head design

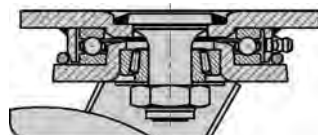
 750 - 2000 kg



Brackets: LS/BS Series - Very 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, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated - yellow passivated.
Top plate drawings: Page 71 and 72.
Detailed description: Page 64 and 77.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or ball bearing.
Detailed description: Page 262, 263 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LS-SPO 127G	BS-SPO 127G	LS-SPO 127G-ST	125	50	750	Plain bearing	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 bearing	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 200G	BS-SPO 200G	LS-SPO 200G-ST	200	50	1500	Plain bearing	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 250G	BS-SPO 250G	LS-SPO 250G-ST	250	65	2000	Plain bearing	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



Variants / Accessories



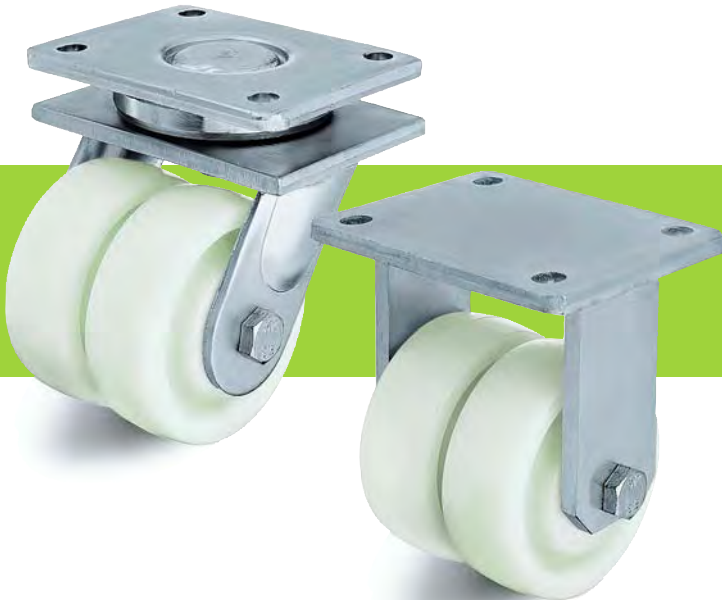
	With pressed steel thread guard, zinc-plated	With directional lock 2 x 180°	With directional lock 4 x 90°	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub*
Technical description page	79	78	78	79	47 + 57
Ref. No. extension	-FA	-RI2	-RI4	-XA	-XK
Available for wheel Ø [mm]	125 - 200	All sizes	Upon request	All plain bearing versions	Upon request

* Caution! For reduced load capacities, refer to page 47.

Series: LOD-SPO, BOD-SPO

Welded steel heavy duty
double swivel and fixed castors

500 - 1200 kg

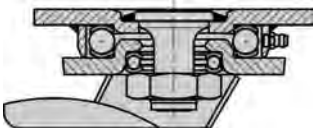


Brackets: LOD/BOD Series - Heavy welded steel construction, swivel bracket with double ball bearing in the swivel head, **additionally reinforced by the integration of four specially shaped and hardened bearing seats**, labyrinth swivel head sealing with grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated.
Top plate drawings: Page 71.
Detailed description: Page 64.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing.
Detailed description: Page 262 and 47.

Swivel castors	Fixed castors	Top plate drawings: Page 71. Detailed description: Page 64.									
		Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
LOD-SPO 75K	BOD-SPO 75K	75	2 x 32	500	Ball bearing	123	110 x 140*	75-80 x 105	11	40	
LOD-SPO 100K	BOD-SPO 100K	100	2 x 37	800	Ball bearing	145	110 x 140*	75-80 x 105	11	45	
LOD-SPO 125K	BOD-SPO 125K	125	2 x 40	1200	Ball bearing	170	110 x 140*	75-80 x 105	11	50	

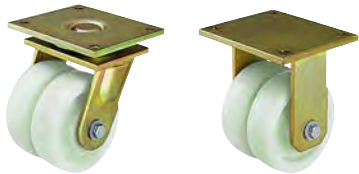
* Fixed castors: Long plate side in parallel with the wheel axle



Series: LSD-SPO, BSD-SPO

Welded steel heavy duty
double swivel and fixed castors,
extra strong swivel head design

1350 - 3600 kg

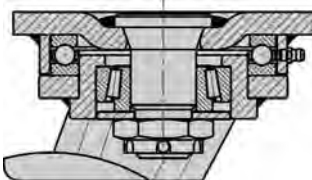


Brackets: LSD/BSD Series - Very rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash water-proof. Fitted grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle.
Wheel Ø 125 - 200 mm: Zinc-plated - yellow passivated.
Wheel Ø 250 mm: Lacquered - colour red.
Top plate drawings: Page 71 and 72.
Detailed description: Page 64.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing.
Detailed description: Page 262, 263 and 47.

Swivel castors		Fixed castors								
Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	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 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 in parallel with the wheel axle



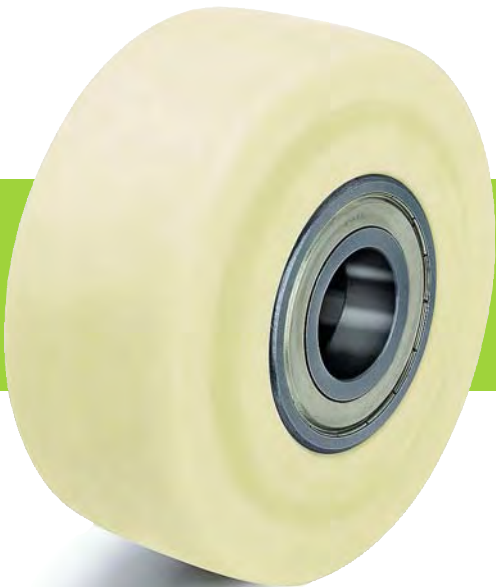
Variants / Accessories

	With "Radstop" wheel brake	With directional lock 2 x 180°
Technical description page	78	78
Ref. No. extension	-RA	-RI2
Available for wheel Ø [mm]	Upon request	Upon request

Series: GSP0

Extra heavy duty wheels made of cast nylon

1000 - 12000 kg



Made of hard and tough, highly compressed cast nylon with very high load capacity, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing, colour natural beige.
Detailed description: Page 48.

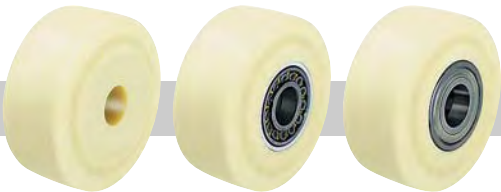
Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GSP0 80/20K	80	40	1000	Ball bearing	20	45
GSP0 100/20K	100	40	1250	Ball bearing	20	45
GSP0 101/25K	100	55	1500	Ball bearing	25	60
GSP0 125/25K	125	55	2000	Ball bearing	25	60
GSP0 150/30K	150	55	2500	Ball bearing	30	60
GSP0 152/35K	150	80	3000	Ball bearing	35	90
GSP0 200/35K	200	55	3000	Ball bearing	35	60
GSP0 202/45K	200	80	4500	Ball bearing	45	90
GSP0 250/45K	250	65	5000	Ball bearing	45	70
GSP0 252/50K	250	80	6000	Ball bearing	50	90
GSP0 300/55K	300	80	7000	Ball bearing	55	90
GSP0 302/70K	300	110	10000	Ball bearing	70	120
GSP0 400/80K	400	110	12000	Ball bearing	80	120

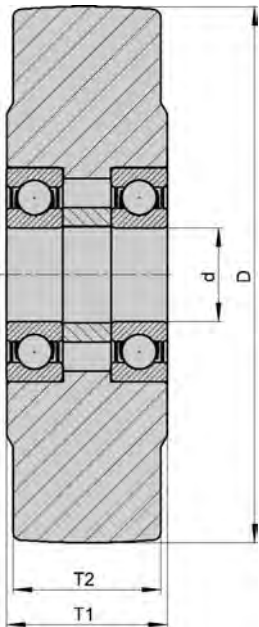
14

Further information on the Internet: www.blickle.de

Variants / Accessories




	Plain bearing version	With spherical roller bearing	Further dimensions
Technical description page	48	48 + 58	
Ref. No. extension		-PR	
Available for wheel Ø [mm]	Upon request	Upon request	Upon request



Castors+Wheels

Series: LH-GSP0, BH-GSP0
**Pressed steel swivel and fixed castors,
heavy duty brackets**

 700 - 900 kg



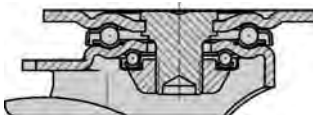
Swivel castors

Fixed castors

**Swivel castors
with “stop-fix”
brake**

Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LH-GSP0 80K	BH-GSP0 80K	*	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		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

* For the “stop-top” brake version, refer to Variants / Accessories.



Brackets: LH/BH Series - Pressed from sheet-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.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: GSP0 Series - Made of hard and tough, highly compressed cast nylon with very high load capacity, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing, colour natural beige.
Detailed description: Page 272 and 48.

Variants / Accessories



	With “stop-top” brake	With directional lock (retro fit)** 1 x 360°
Technical description page	77	78
Ref. No. extension	-ST	RI-05.03
Available for wheel Ø [mm]	All sizes	125

** Only for swivel castors without brake.

Wheels + Castors

Series: LS-GSP0, BS-GSP0

Welded steel extra heavy duty
swivel and fixed castors,
extra strong swivel head design

1500 - 12000 kg

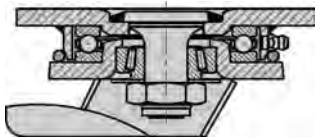


Brackets: LS/BS Series - Very rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof. Fitted grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle,
wheel dimensions 100 - 200x55 mm:
Zinc-plated - yellow passivated.
Wheel dimensions 200x80 - 400 mm:
Lacquered - colour red.
Top plate drawings: Page 71 and 72.
Detailed description: Page 64 and 77.

Wheels: GSP0 Series - Made of hard and tough, highly compressed cast nylon with very high load capacity, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing, colour natural beige.
Detailed description: Page 272 and 48.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl 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

* For the "Radstop" brake version, please refer to Variants / Accessories.



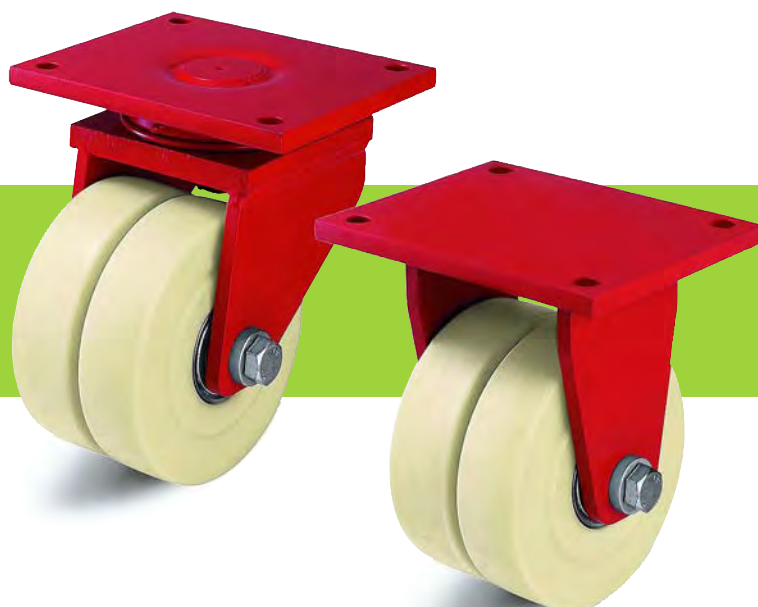
Variants / Accessories

	With "Radstop" wheel brake	With directional lock 2 x 180°	With directional lock 4 x 90°
Technical description page	78	78	78
Ref. No. extension	-RA	-RI2	-RI4
Available for wheel Ø [mm]	Upon request	Upon request	Upon request

Series: LSD-GSP0, BSD-GSP0

Welded steel extra heavy duty double swivel and fixed castors, extra strong swivel head design

 1750 - 20000 kg

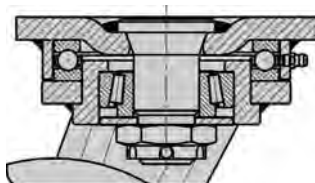


Brackets: LSD/BSD Series - Very rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash water-proof. Fitted grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle.
Wheel Ø 80+100 mm: Zinc-plated - yellow passivated.
Wheel Ø 125 - 400 mm: Lacquered - colour red.
Top plate drawings: Page 71 and 72.
Detailed description: Page 64.

Wheels: GSP0 Series - Made of hard and tough, highly compressed cast nylon with very high load capacity, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing, colour natural beige.
Detailed description: Page 272 and 48.

Swivel castors	Fixed castors	Top plate drawings: Page 71 and 72. Detailed description: Page 64.					Detailed description: Page 272 and 48.				
		Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [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	

* Fixed castors: Long plate side in parallel with the wheel axle



Variants / Accessories

	With "Radstop" wheel brake	With directional lock 2 x 180°
Technical description page	78	78
Ref. No. extension	-RA	-RI2
Available for wheel Ø [mm]	Upon request	Upon request

Contents: Section 15

Wheel series

Wheel series			Swivel bracket series (combined with the respective wheel series) For matching fixed castors, refer to the corresponding catalogue pages.						
			L	LK	LH	LT	LO	LS	
	G								
	Series	G	L-G	LK-G	LH-G	LT-G	LO-G	LS-G	
	Wheel Ø [mm]	80 - 250 mm	80 - 250 mm	80 - 200 mm	80 - 250 mm	65 - 150 mm	125 - 250 mm	125 - 250 mm	
	Load capacity [kg]	200 - 1400 kg	200 - 600 kg	250 - 600 kg	250 - 900 kg	150 - 750 kg	750 - 1200 kg	750 - 1400 kg	
Page			279	280	281	282	283	284	



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Cast iron wheels and castors

Series: G
Cast iron wheels

 200 - 1400 kg



Made of grey cast iron, very rugged, machined tread and tread edges, high abrasion resistance, low rolling resistance, insensitive to metal swarf, grease nipple, plain, roller or ball bearing, temperature range from -40° to +140°C. For application in temperatures exceeding +140°C, refer to page 343. Lacquered - colour silver. Detailed description: Page 49.

Wheels

Plain bearing versions must be regularly lubricated.

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
G 80/12G	80	25	250	Plain bearing	12	35
G 80/12R	80	25	200	Roller bearing	12	35
G 100/15G	100	35	400	Plain bearing	15	45
G 100/15R	100	35	250	Roller bearing	15	45
G 125/15G	125	35	450	Plain bearing	15	45
G 125/15R	125	35	250	Roller bearing	15	45
G 127/20G	125	50	750	Plain bearing	20	60
G 127/20K	125	50	750	Ball bearing	20	60
G 150/20G	150	50	900	Plain bearing	20	60
G 150/20R	150	50	600	Roller bearing	20	60
G 150/20K	150	50	900	Ball bearing	20	60
G 200/20G	200	50	1100	Plain bearing	20	60
G 200/20R	200	50	600	Roller bearing	20	60
G 200/20K	200	50	1100	Ball bearing	20	60
G 250/25G	250	60	1400	Plain bearing	25	65
G 250/25K	250	60	1400	Ball bearing	25	70

Variants / Accessories

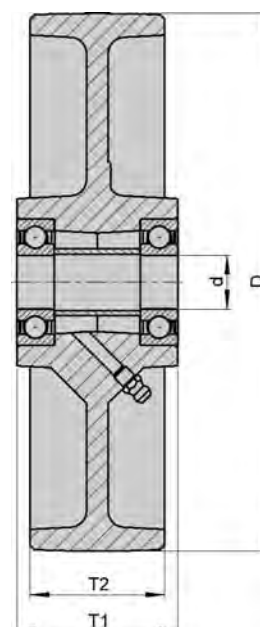


Heat-resistant versions

Technical description page

Ref. No. extension

Available for wheel Ø [mm] Refer to page 343.



Series: L-G, B-G, BH-G

Pressed steel swivel and fixed castors, medium duty brackets

 200 - 600 kg



Brackets: L/B/BH Series - Pressed steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 150-250 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

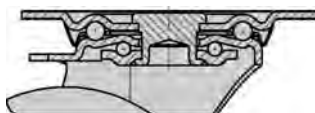
Top plate drawings: Page 71.
Detailed description: Page 62 and 76.

Wheels: G Series - Made of grey cast iron, very rugged, machined tread and tread edges, high abrasion resistance, low rolling resistance, insensitive to metal swarf, grease nipple, plain or ball bearing (regular lubrication required).
Lacquered - colour silver.
Detailed description: Page 278 and 49.

Temperature range from -30°C to +70°C.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
L-G 80G	B-G 80G	L-G 80G-FI	80	25	200	Plain bearing	102	100 x 85	80 x 60	9	38
L-G 100G	B-G 100G	L-G 100G-FI	100	35	200	Plain bearing	125	100 x 85	80 x 60	9	36
L-G 125G	B-G 125G	L-G 125G-FI	125	35	200	Plain bearing	150	100 x 85	80 x 60	9	40
L-G 150G	B-G 150G	L-G 150G-FI	150	50	400	Plain bearing	190	140 x 110	105 x 75-80	11	60
L-G 200G	B-G 200G	L-G 200G-FI	200	50	400	Plain bearing	235	140 x 110	105 x 75-80	11	65
L-G 250G-3	BH-G 250G	*	250	60	600	Plain bearing	295	140 x 110	105 x 75-80	11	77

* For the "stop-top" brake version, refer to Variants / Accessories.



Variants / Accessories



	With "stop-top" brake	With directional lock (retro fit)** 1 x 360°	Heat-resistant versions
Technical description page	77	78	
Ref. No. extension	-ST	RI-05.03	
Available for wheel Ø [mm]	All sizes	150 + 200	Refer to page 344.

** Only for swivel castors without brake.

Series: LK-G, BK-G, BH-G

Pressed steel swivel and fixed castors, medium heavy duty brackets

 250 - 600 kg



Brackets: LK/BK/BH Series - Pressed from heavy sheet-steel, swivel bracket with double ball bearing in the reinforced swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely low swivel head play and a long service life, strong central kingpin (wheel Ø 125x54 - 200 mm) and swivel head sealing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

Wheels: G Series - Made of grey cast iron, very rugged, machined tread and tread edges, high abrasion resistance, low rolling resistance, insensitive to metal swarf, grease nipple, plain or ball bearing.
Lacquered - colour silver.

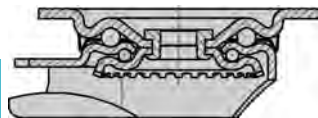
Detailed description: Page 278 and 49

Plain bearing versions must be regularly lubricated.

Temperature range from -30°C to +70°C.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LK-G 80G	BK-G 80G	*	80	25	250	Plain bearing	110	100 x 85	80 x 60	9	40
LK-G 100G-1	BK-G 100G-1	LK-G 100G-1-FI	100	35	250	Plain 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	250	Plain 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	250	Plain 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	250	Plain 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 bearing	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 bearing	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 bearing	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

* For the "stop-top" brake version, refer to Variants / Accessories.



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Variants / Accessories



	With "stop-top" brake	With directional lock (retro fit)** 1 x 360°	With directional lock (retro fit)** 1 x 360°
Technical description page	77	78	78
Ref. No. extension	-ST	RI-03.03	RI-05.03
Available for wheel Ø [mm]	All sizes	100 + 125 plate 140x110	125x50 - 200

** Only for swivel castors without brake.

Series: LH-G, BH-G

Pressed steel swivel and fixed castors, heavy duty brackets

 250 - 900 kg



Brackets: LH/BH Series - Pressed from sheet-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.

Top plate drawings: Page 71.
Detailed description: Page 63 and 76.

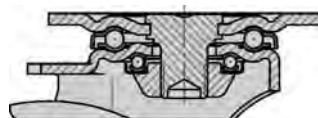
Wheels: G Series - Made of grey cast iron, very rugged, machined tread and tread edges, high abrasion resistance, low rolling resistance, insensitive to metal swarf, grease nipple, plain or ball bearing.
Lacquered - colour silver.
Detailed description: Page 278 and 49.

Plain bearing versions must be regularly lubricated.

Temperature range from -30°C to +130°C.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LH-G 80G	BH-G 80G	*	80	25	250	Plain bearing	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 bearing	140	100 x 85	80 x 60	9	45
LH-G 100G-3		LH-G 100G-3-FI	100	35	400	Plain 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 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 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 bearing	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 bearing	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 bearing	245	140 x 110	105 x 75-80	11	67
LH-G 200K	BH-G 200K	LH-G 200K-FI	200	50	900	Ball bearing	245	140 x 110	105 x 75-80	11	67
LH-G 250G	BH-G 250G	*	250	60	900	Plain bearing	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 Variants / Accessories.



Variants / Accessories

	With "stop-top" brake	With directional lock (retro fit)** 1 x 360°
Technical description page	77	78
Ref. No. extension	-ST	RI-05.03
Available for wheel Ø [mm]	All sizes	125x50 - 200

** Only for swivel castors without brake.

Series: LT-G, BT-G

Malleable cast iron swivel and fixed castors

150 - 750 kg

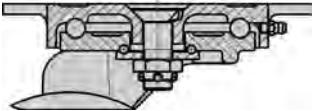


Brackets: LT/BT Series - Made of high-quality white malleable cast iron, swivel bracket with double ball bearing in the swivel head (wheel Ø 65+80 mm with single ball bearing), swivel head with ball protection, fitted grease nipple, bolted wheel axle (wheel Ø 65 mm: riveted wheel axle), zinc-plated.
Top plate drawings: Page 73.
Detailed description: Page 63.

Wheels: G Series - Made of grey cast iron, very rugged, machined tread and tread edges, high abrasion resistance, low rolling resistance, insensitive to metal swarf, grease nipple, plain bearing (regular lubrication required).
Lacquered - colour silver.
Detailed description: Page 278 and 49.

Temperature range from -30°C to +130°C.

Swivel castors	Fixed castors	Detailed description: Page 63.					Temperature range from -30 °C to +130 °C.			
		Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	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 bearing	91	95 x 60	75 x 40	8,5	22
LT-G 80G	BT-G 80G	80	35	250	Plain bearing	110	115 x 80	90 x 55	9	30
LT-G 100G	BT-G 100G	100	35	400	Plain bearing	150	155 x 105	125 x 75	11	40
LT-G 125G	BT-G 125G	125	35	450	Plain bearing	163	155 x 105	125 x 75	11	40
LT-G 150G	BT-G 150G	150	50	750	Plain bearing	200	175 x 125	145 x 95	11	50



Series: LO-G, BO-G

Welded steel heavy duty swivel and fixed castors

 750 - 1200 kg



Brackets: LO/BO Series - Heavy 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**, labyrinth swivel head sealing with grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 64 and 77.

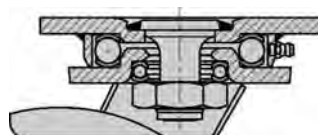
Wheels: G Series - Made of grey cast iron, very rugged, machined tread and tread edges, high abrasion resistance, low rolling resistance, insensitive to metal swarf, grease nipple, plain or ball bearing. Lacquered - colour silver.

Detailed description: Page 278 and 49.

Plain bearing versions must be regularly lubricated.

Temperature range from -30°C to +130° C.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	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 bearing	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 bearing	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 bearing	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 bearing	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



Variants / Accessories

With directional lock
2 x 180°

Technical description page

78

Ref. No. extension

-RI2

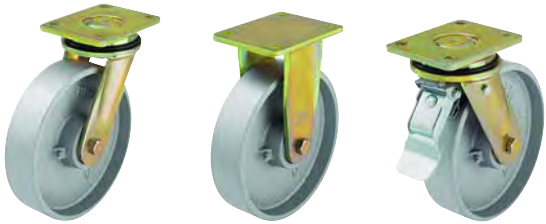
Available for wheel Ø [mm]

125 - 200

Series: LS-G, BS-G

Welded steel heavy duty
swivel and fixed castors,
extra strong swivel head design

750 - 1400 kg



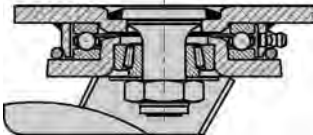
Brackets: LS/BS Series - Very rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof. Fitted grease nipple, welded very strong, bolted and secured central kingpin, bolted wheel axle, zinc-plated - yellow passivated.
Top plate drawings: Page 71 and 72.
Detailed description: Page 64 and 77.

Wheels: G Series - Made of grey cast iron, very rugged, machined tread and tread edges, high abrasion resistance, low rolling resistance, insensitive to metal swarf, grease nipple, plain or ball bearing.
Lacquered - colour silver.
Detailed description: Page 278 and 49.

Plain bearing versions must be regularly lubricated.

Temperature range from -30°C to +100°C.

Swivel castors	Fixed castors	Swivel castors with "stop-top" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LS-G 127G	BS-G 127G	LS-G 127G-ST	125	50	750	Plain bearing	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 bearing	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 bearing	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 bearing	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



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Further information on the Internet: www.blickle.de



Variants / Accessories

	With directional lock 2 x 180°	With directional lock 4 x 90°
Technical description page	78	78
Ref. No. extension	-RI2	-RI4
Available for wheel Ø [mm]	All sizes	Upon request



Contents: Section 16

Wheel series

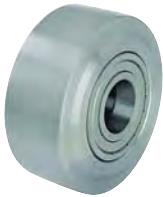
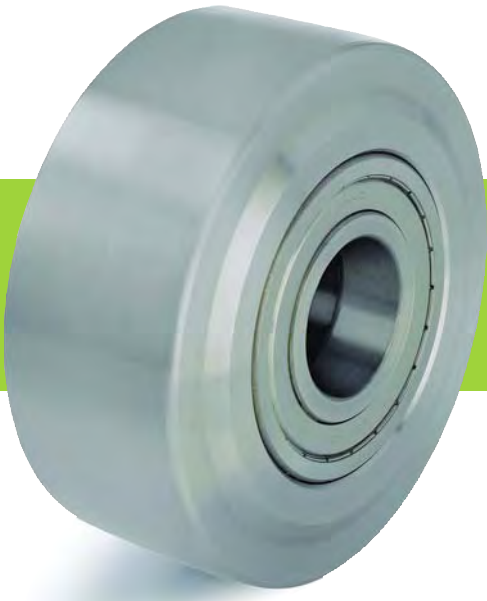
Wheel series		Swivel bracket series (combined with the respective wheel series) For matching fixed castors, refer to the corresponding catalogue pages.							
		LH	LS						
	SVS								
	Series	SVS	LH-SVS	LS-SVS					
	Wheel Ø [mm]	80 - 250 mm	80 - 125 mm	100 - 250 mm					
	Load capacity [kg]	1100 - 10000 kg	700 - 900 kg	1700 - 10000 kg					
	Page	288	289	290					



Extra heavy duty solid steel wheels and castors

Series: SVS
Extra heavy duty solid-steel wheels

1100 - 10000 kg



Made of special steel, with extremely high load capacity, very high abrasion resistance, very low rolling resistance, smooth rolling performance on even floors, ball bearing, surface lightly oiled.
Detailed description: Page 49.

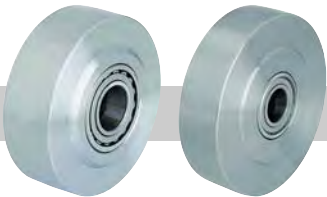
Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SVS 80/20K	80	40	1100	Ball bearing	20	45
SVS 100/25K	100	40	1700	Ball bearing	25	45
SVS 127/30K	125	55	2750	Ball bearing	30	60
SVS 150/45K	150	55	4000	Ball bearing	45	60
SVS 201/50K	200	55	6000	Ball bearing	50	60
SVS 200/60K	200	80	7000	Ball bearing	60	90
SVS 250/70K	250	65	10000	Ball bearing	70	75

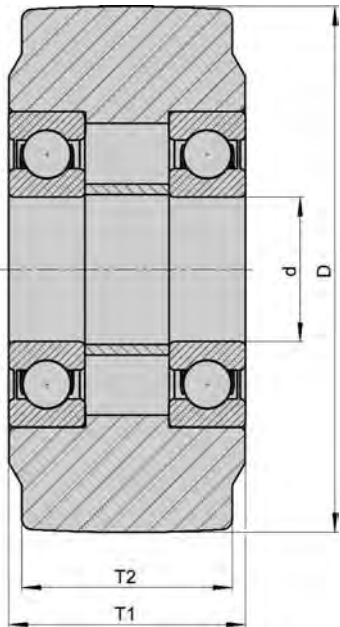
16

Further information on the Internet: www.blickle.de

Variants / Accessories



	With spherical roller bearing	Further dimensions
Technical description page	49 + 58	
Ref. No. extension	-PR	
Available for wheel Ø [mm]	Upon request	Upon request



Castors+Wheels

Series: LH-SVS, BH-SVS
Pressed steel swivel and fixed castors,
heavy duty brackets

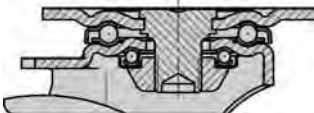
700 - 900 kg



Brackets: LH/BH Series - Pressed from sheet-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.
Top plate drawings: Page 71.
Detailed description: Page 63.

Wheels: SVS Series - Made of special steel, with extremely high load capacity, very high abrasion resistance, very low rolling resistance, smooth rolling performance on even floors, ball bearing, surface lightly oiled.
Detailed description: Page 288 and 49.

Swivel castors	Fixed castors	Top plate drawings: Page 71. Detailed description: Page 63.									
Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivl castor [mm]	
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		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	



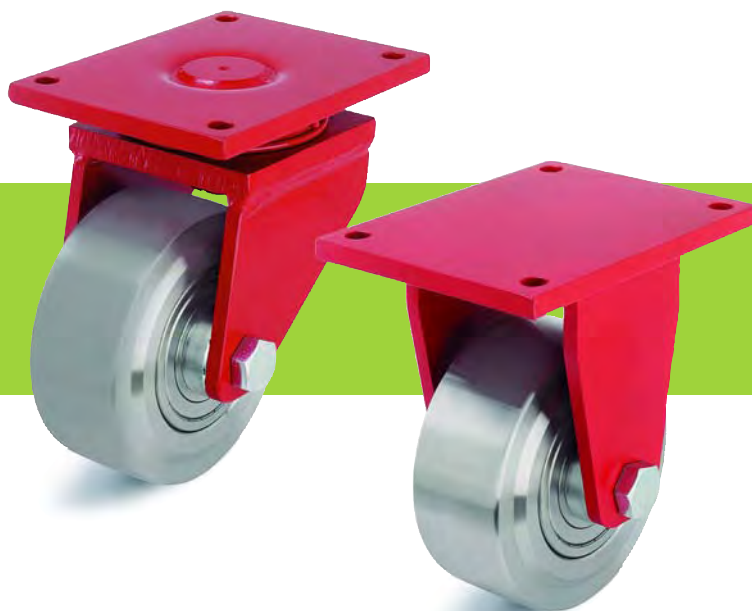
Variants / Accessories

	With directional lock (retro fit) 1 x 360°
Technical description page	78
Ref. No. extension	RI-05.03
Available for wheel Ø [mm]	125

Series: LS-SVS, BS-SVS

Welded steel extra heavy duty swivel and fixed castors, extra strong swivel head design

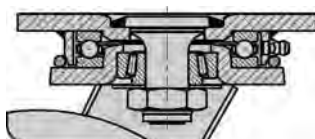
 1700 - 10000 kg



Swivel castors	Fixed castors	wheel dimensions 200x80 - 250x65 mm: Lacquered - colour red. Top plate drawings: Page 71 and 72. Detailed description: Page 64.										
		Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl 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		

Brackets: LS/BS Series - Very 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, welded very strong, bolted and secured central kingpin, bolted wheel axle,
Wheel dimensions 100x40 - 200x55 mm:
Zinc-plated - yellow passivated,
wheel dimensions 200x80 - 250x65 mm:
Lacquered - colour red.
Top plate drawings: Page 71 and 72.
Detailed description: Page 64.

Wheels: SVS Series - Made of special steel, with extremely high load capacity, very high abrasion resistance, very low rolling resistance, smooth rolling performance on even floors, ball bearing, surface lightly oiled.
Detailed description: Page 288 and 49.








Variants / Accessories

	With directional lock 2 x 180°	With directional lock 4 x 90°
Technical description page	78	78
Ref. No. extension	-RI2	-RI4
Available for wheel Ø [mm]	Upon request	Upon request



Contents: Section 17

Wheel series			Swivel bracket series (combined with the respective wheel series)							
			BS							
	SPK			BS-SPK	125 - 250 mm	900 - 3500 kg				
	Series	SPK								
	Wheel Ø [mm]	50 - 250 mm								
	Load capacity [kg]	400 - 3500 kg								
	Page	294	295							
	SPKGSP0									
	Series	SPKGSP0								
	Wheel Ø [mm]	50 - 150 mm								
	Load capacity [kg]	220 - 900 kg								
	Page	296								
	SPKVS									
	Series	SPKVS								
	Wheel Ø [mm]	50 - 300 mm								
	Load capacity [kg]	500 - 7000 kg								
	Page	297								
	DSPK									
	Series	DSPK								
	Wheel Ø [mm]	100 - 200 mm								
	Load capacity [kg]	300 - 1200 kg								
	Page	298								



Flanged wheels and castors

Series: SPK

Cast iron flanged wheels

 400 - 3500 kg



Made of grey cast iron, very rugged, machined flange and tread, tread ascent to axle 3°, high abrasion resistance, low rolling resistance, insensitive to metal swarf, grease nipple (wheel Ø 125-250 mm), plain or ball bearing, temperature range from -40°C to +140°C.

Lacquered - colour silver.

Detailed description: Page 50.

For application in extreme temperature ranges:

Plain bearing version:

-100°C to +600°C, load capacity reduction of 40 % at +600°C, lubrication with high temperature grease.

Heat-resistant ball bearing version (oven bearing):

-50°C to +300°C, load capacity reduction of 50 % at +300°C - refer to Variants / Accessories.

Plain bearing versions must be regularly lubricated.

Flanged wheels

Ref. No.	Wheel Ø without flange (D) [mm]	Wheel Ø incl. flange (D1) [mm]	Wheel width incl. flange (T2) [mm]	Tread width without flange (T3) [mm]	Flange length (T4) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPK 50G	50	62	32	26	6	400	Plain bearing	15	32
SPK 75G	75	100	40	30	13,5	700	Plain bearing	20	47
SPK 75K	75	100	40	30	13,5	700	Ball bearing	20	47
SPK 100G	100	125	46	36	13	800	Plain bearing	20	52
SPK 100K	100	125	46	36	13	800	Ball bearing	20	52
SPK 125G	125	145	46	36	13	900	Plain bearing	20	52
SPK 125K	125	145	46	36	13	900	Ball bearing	20	52
SPK 150G	150	175	46	36	13	1000	Plain bearing	20	52
SPK 150K	150	175	46	36	13	1000	Ball bearing	20	52
SPK 180G	180	210	46	36	13	1200	Plain bearing	30	52
SPK 180K	180	210	46	36	13	1200	Ball bearing	20	52
SPK 200G	200	230	56	38	20	1500	Plain bearing	30	60
SPK 200K	200	230	56	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 bearing	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

17

Variants / Accessories



With heat-resistant ball bearing (oven bearing)

Technical description page

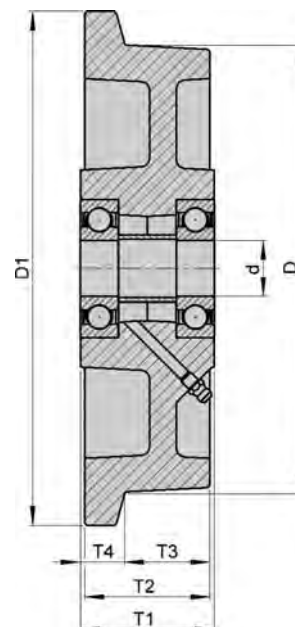
50

Ref. No. extension

-IK

Available for wheel Ø [mm]

Upon request



Castors+Wheels

Series: BS-SPK
Welded steel heavy duty fixed castors

900 - 3500 kg

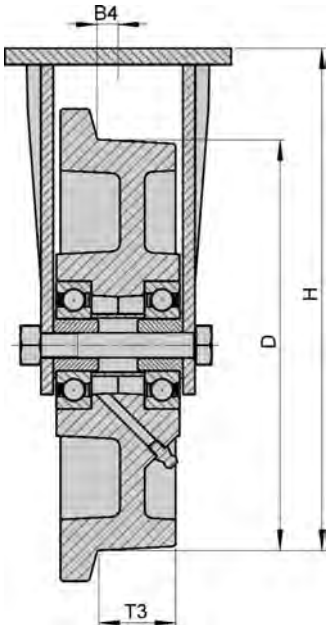


Brackets: BS Series - Very rugged welded steel construction, with especially reinforced fork for an improved absorption of axial forces, bolted wheel axle.
Wheel dimensions 125x36 - 200x38 mm:
Zinc-plated - yellow passivated,
wheel dimensions 200x60 - 250x60 mm:
Lacquered - colour red.
Top plate drawings: Page 71 and 72.

Wheels: SPK Series - Made of grey cast iron, very rugged, machined flange and tread, tread ascent to axle 3°, high abrasion resistance, low rolling resistance, insensitive to metal swarf, with grease nipple, ball bearing. Lacquered - colour silver.
Detailed description: Page 294 and 50.
Temperature range from -40°C to +140°C.

Fixed castors

Ref. No.	Wheel Ø without flange (D) [mm]	Tread width without flange (T3) [mm]	Flange length (B4) [mm]	Load capacity [kg]	Bearing version	Total height (H) [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
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



Series: SPKGSP0

Cast nylon flanged wheels

220 - 900 kg



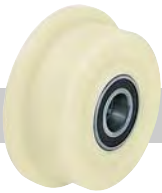
Made of hard and tough, highly compressed cast nylon, tread ascent to axle 3°, high load capacity, low-noise operation, high abrasion resistance, low rolling resistance, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing, colour natural beige.

Detailed description: Page 50.

Flanged wheels

Ref. No.	Wheel Ø without flange (D) [mm]	Wheel Ø incl. flange (D1) [mm]	Wheel width incl. flange (T2) [mm]	Tread width without flange (T3) [mm]	Flange length (T4) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPKGSP0 50K	50	62	32	26	6	220	Ball bearing	15	32
SPKGSP0 75K	75	100	40	30	13,5	380	Ball bearing	20	47
SPKGSP0 100K	100	125	46	36	13	600	Ball bearing	20	52
SPKGSP0 125K	125	145	46	36	13	750	Ball bearing	20	52
SPKGSP0 150K	150	175	46	36	13	900	Ball bearing	20	52

Variants / Accessories



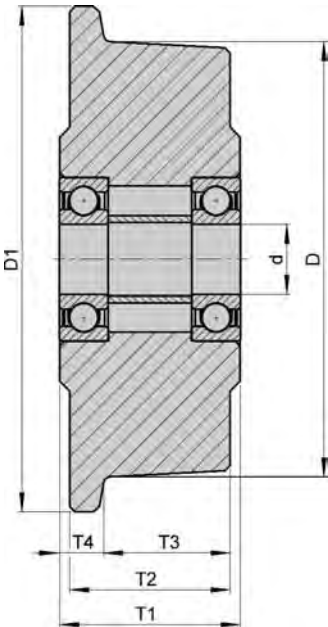
Further dimensions

Technical description page


Ref. No. extension

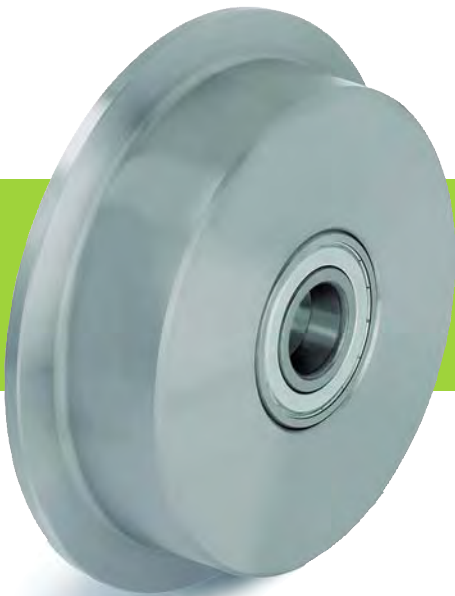
Available for wheel Ø [mm]

Upon request



Series: SPKVS
Solid-steel flanged wheels

 500 - 7000 kg



Made of special steel, tread ascent to axle 3°, with extremely high load capacity, very high abrasion resistance, very low rolling resistance, ball bearing, surface lightly oiled.
Detailed description: Page 51.

Flanged wheels

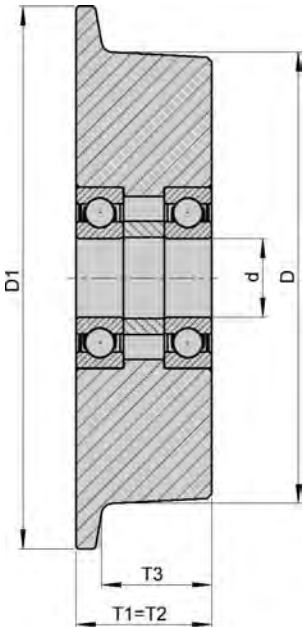
Ref. No.	Wheel Ø without flange (D) [mm]	Wheel Ø incl. flange (D1) [mm]	Wheel width incl. flange (T2) [mm]	Tread width without flange (T3) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
SPKVS 50K	50	62	40	30	500	Ball bearing	15	40
SPKVS 75K	75	100	40	30	800	Ball bearing	20	40
SPKVS 100K	100	125	50	40	1200	Ball bearing	25	50
SPKVS 125K	125	150	50	40	1500	Ball bearing	25	50
SPKVS 150K	150	180	60	48	2000	Ball bearing	30	60
SPKVS 200K	200	240	60	48	2500	Ball bearing	35	60
SPKVS 250K	250	290	75	60	4000	Ball bearing	45	75
SPKVS 300K	300	345	90	72	7000	Ball bearing	60	90

Variants / Accessories



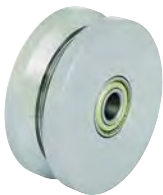
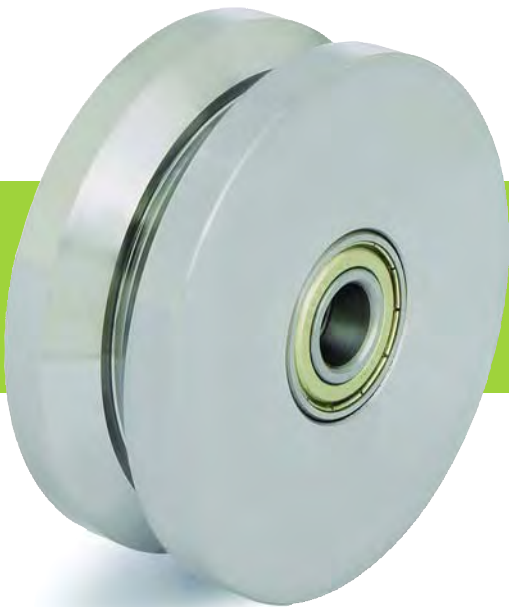
Further dimensions and versions

Technical description page	
Ref. No. extension	
Available for wheel Ø [mm]	Upon request



Series: DSPK
Solid-steel double flanged wheels

300 - 1200 kg



Made of special steel, V-shaped tread, high load capacity, high abrasion resistance, ball bearing, surface lightly oiled.
Detailed description: Page 51.

Double-flanged wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Recess width (B) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
DSPK 100K	100	24	18	300	Ball bearing	15	24
DSPK 101K*	100	40	20	600	Ball bearing	15	40
DSPK 120K	120	33	25	600	Ball bearing	20	33
DSPK 125K*	125	50	25	1200	Ball bearing	20	50
DSPK 150K	150	33	25	800	Ball bearing	20	33
DSPK 200K	200	33	25	1000	Ball bearing	20	33

* Wheels with wide tread which can also run on the floor.

Variants / Accessories



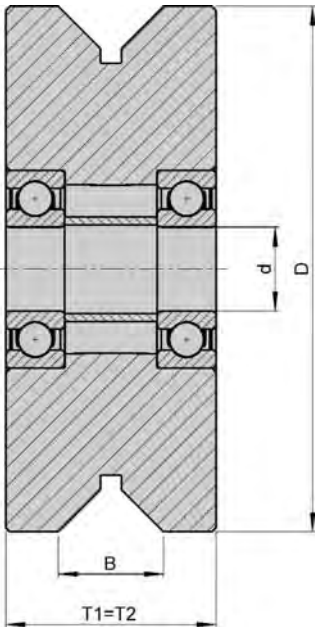
Further dimensions

Technical description page

Ref. No. extension

Available for wheel Ø [mm]

Upon request



Contents: Section 18

Wheel series

Swivel bracket series (combined with the respective wheel series)

For matching fixed castors, refer to the corresponding catalogue pages

			LKRXA	LKPXA	LEX	LEXR	LEXZ	LX	LKX		
	TPA	Series TPA Wheel Ø [mm] 50 - 200 mm Load capacity [kg] 50 - 140 kg Page 84	 LKRXA-TPA 80 - 125 mm 90 - 110 kg 302	 LKPXA-TPA 80 - 125 mm 90 - 110 kg 303							
	VPA	Series VPA Wheel Ø [mm] 49 - 175 mm Load capacity [kg] 40 - 125 kg Page 92	 LKRXA-VPA 80 - 125 mm 60 - 100 kg 304	 LKPXA-VPA 80 - 125 mm 60 - 100 kg 305							
	PTH	Series PTH Wheel Ø [mm] 80 - 125 mm Load capacity [kg] 125 - 180 kg Page 102	 LKRXA-PTH 80 - 125 mm 120 kg 306	 LKPXA-PTH 80 - 125 mm 120 kg 307							
	POA	Series POA Wheel Ø [mm] 35 - 150 mm Load capacity [kg] 75 - 180 kg Page 107	 LKRXA-POA 80 - 125 mm 120 kg 308	 LKPXA-POA 80 - 125 mm 120 kg 309							
	VPP	Series VPP Wheel Ø [mm] 80 - 400 mm Load capacity [kg] 50 - 350 kg Page 133 - 134			 LEX-VPP 80 - 200 mm 50 - 205 kg 310	 LEXR-VPP 80 - 200 mm 50 - 205 kg 311	 LEXZ-VPP 80 - 200 mm 50 - 205 kg 312	 LX-VPP 150 - 200 mm 135 - 205 kg 313			
	POEV	Series POEV Wheel Ø [mm] 80 - 300 mm Load capacity [kg] 120 - 650 kg Page 156			 LEX-POEV 80 - 200 mm 120 - 300 kg 314	 LEXR-POEV 80 - 200 mm 120 - 300 kg 315		 LX-POEV 160 - 200 mm 350 - 400 kg 316			
	PTH	Series PTH Wheel Ø [mm] 80 - 200 mm Load capacity [kg] 125 - 500 kg Page 198			 LEX-PTH 80 - 200 mm 125 - 300 kg 317	 LEXR-PTH 80 - 200 mm 125 - 300 kg 318	 LEXZ-PTH 80 - 200 mm 125 - 270 kg 319				
	POTH	Series POTH Wheel Ø [mm] 75 - 200 mm Load capacity [kg] 150 - 700 kg Page 202			 LEX-POTH 100 - 200 mm 150 - 300 kg 320			 LX-POTH 150 - 200 mm 400 kg 321	 LKX-POTH 125 - 200 mm 250 - 700 kg 322		
	PO	Series PO Wheel Ø [mm] 60 - 300 mm Load capacity [kg] 150 - 1500 kg Page 240 - 241			 LEX-PO 75 - 200 mm 150 - 300 kg 323	 LEXR-PO 75 - 200 mm 150 - 300 kg 324	 LEXZ-PO 75 - 200 mm 150 - 270 kg 325	 LX-PO 150 - 200 mm 400 kg 326			
	SPO	Series SPO Wheel Ø [mm] 75 - 250 mm Load capacity [kg] 300 - 2000 kg Seite 262 - 263							 LKX-SPO 125 - 200 mm 300 - 800 kg 327		



18

Stainless steel castors



Series: LKRXA-TPA, BKRXA-TPA

Stainless steel light duty swivel and fixed castors with bolt hole fitting

 90 - 110 kg



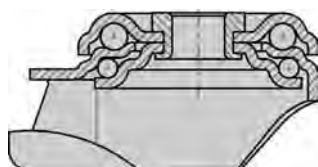
Brackets: LKRXA/BKRXA Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin and bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Detailed description: Page 67 and 76.

Wheels: TPA Series - Treads: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A. Wheel centres: Made of polypropylene, colour light grey, colour black for "-ELS" version (refer to Variants / Accessories), plain or ball bearing.

As standard, ball bearing versions are supplied with synthetic thread guards and bearing sealing.

Detailed description: Page 84, 30 and 58.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.								
LKRXA-TPA 80G	BKRXA-TPA 80G	LKRXA-TPA 80G-FI	80	32	90	Plain bearing	108	57	13	40
LKRXA-TPA 80G-11		LKRXA-TPA 80G-11-FI	80	32	90	Plain bearing	108	57	11	40
LKRXA-TPA 80KD-FK	BKRXA-TPA 80KD-FK	LKRXA-TPA 80KD-FI-FK	80	32	90	Ball bearing	108	57	13	40
LKRXA-TPA 80KD-11-FK		LKRXA-TPA 80KD-11-FI-FK	80	32	90	Ball bearing	108	57	11	40
LKRXA-TPA 101G	BKRXA-TPA 101G	LKRXA-TPA 101G-FI	100	32	100	Plain bearing	133	57	13	40
LKRXA-TPA 101G-11		LKRXA-TPA 101G-11-FI	100	32	100	Plain bearing	133	57	11	40
LKRXA-TPA 101KD-FK	BKRXA-TPA 101KD-FK	LKRXA-TPA 101KD-FI-FK	100	32	100	Ball bearing	133	57	13	40
LKRXA-TPA 101KD-11-FK		LKRXA-TPA 101KD-11-FI-FK	100	32	100	Ball bearing	133	57	11	40
LKRXA-TPA 126G	BKRXA-TPA 126G	LKRXA-TPA 126G-FI	125	32	110	Plain bearing	158	57	13	40
LKRXA-TPA 126G-11		LKRXA-TPA 126G-11-FI	125	32	110	Plain bearing	158	57	11	40
LKRXA-TPA 126KD-FK	BKRXA-TPA 126KD-FK	LKRXA-TPA 126KD-FI-FK	125	32	110	Ball bearing	158	57	13	40
LKRXA-TPA 126KD-11-FK		LKRXA-TPA 126KD-11-FI-FK	125	32	110	Ball bearing	158	57	11	40



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Variants / Accessories



	Antistatic version, non-marking grey	With synthetic thread guard
Technical description page	30	30 + 79
Ref. No. extension	-ELS	Standard
Available for wheel Ø [mm]	All sizes	All ball bearing versions

Castors+Wheels

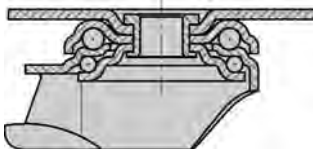
Series: LKPXA-TPA, BKPXA-TPA
Stainless steel light duty swivel
and fixed castors

90 - 110 kg



Swivel castors Fixed castors Swivel castors
with "stop-fix"
brake

Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LKPXA-TPA 80G	BKPXA-TPA 80G	LKPXA-TPA 80G-FI	80	32	90	Plain bearing	111	90 x 66	75x45/61x51	8,5	40
LKPXA-TPA 80KD-FK	BKPXA-TPA 80KD-FK	LKPXA-TPA 80KD-FI-FK	80	32	90	Ball bearing	111	90 x 66	75x45/61x51	8,5	40
LKPXA-TPA 101G	BKPXA-TPA 101G	LKPXA-TPA 101G-FI	100	32	100	Plain bearing	136	90 x 66	75x45/61x51	8,5	40
LKPXA-TPA 101KD-FK	BKPXA-TPA 101KD-FK	LKPXA-TPA 101KD-FI-FK	100	32	100	Ball bearing	136	90 x 66	75x45/61x51	8,5	40
LKPXA-TPA 126G	BKPXA-TPA 126G	LKPXA-TPA 126G-FI	125	32	110	Plain bearing	161	90 x 66	75x45/61x51	8,5	40
LKPXA-TPA 126KD-FK	BKPXA-TPA 126KD-FK	LKPXA-TPA 126KD-FI-FK	125	32	110	Ball bearing	161	90 x 66	75x45/61x51	8,5	40



Variants / Accessories



	Antistatic version, non-marking grey	With synthetic thread guard
Technical description page	30	30 + 79
Ref. No. extension	-ELS	Standard
Available for wheel Ø [mm]	All sizes	All ball bearing versions

Brackets: LKPXA/BKPXA Series - Pressed from 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 and bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Top plate drawings: Page 70.
Detailed description: Page 67 and 76.

Wheels: TPA Series - Treads: Made of thermoplastic rubber, colour grey, non-marking, 85° shore A. Wheel centres: Made of polypropylene, colour light grey, colour black for "-ELS" version (refer to Variants / Accessories), plain or ball bearing.

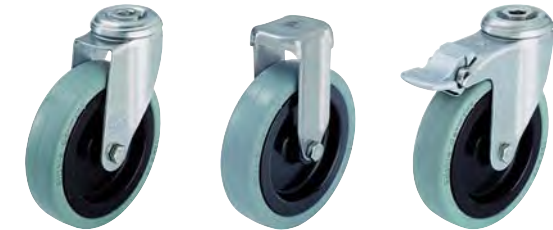
As standard, ball bearing versions are supplied with synthetic thread guards and bearing sealing.

Detailed description: Page 84, 30 and 58.

Series: LKRXA-VPA, BKRXA-VPA

Stainless steel light duty
swivel and fixed castors with bolt hole fitting

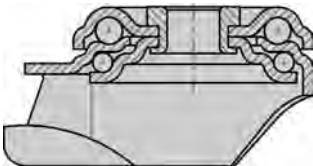
60 - 100 kg



Brackets: LKRXA/BKRXA Series - Pressed from 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 and bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Detailed description: Page 67 and 76.

Wheels: VPA Series - Tyres: Solid rubber, colour grey, non-marking, 80° shore A. Rims: Made of high-quality nylon, shock and impact-resistant, corrosion-resistant, plain bearing, colour black.
Detailed description: Page 92 and 30.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake								
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKRXA-VPA 80G	BKRXA-VPA 80G	LKRXA-VPA 80G-FI	80	25	60	Plain bearing	108	57	13	40
LKRXA-VPA 80G-11		LKRXA-VPA 80G-11-FI	80	25	60	Plain bearing	108	57	11	40
LKRXA-VPA 101G	BKRXA-VPA 101G	LKRXA-VPA 101G-FI	100	32	90	Plain bearing	133	57	13	40
LKRXA-VPA 101G-11		LKRXA-VPA 101G-11-FI	100	32	90	Plain bearing	133	57	11	40
LKRXA-VPA 125G	BKRXA-VPA 125G	LKRXA-VPA 125G-FI	125	25	80	Plain bearing	158	57	13	40
LKRXA-VPA 125G-11		LKRXA-VPA 125G-11-FI	125	25	80	Plain bearing	158	57	11	40
LKRXA-VPA 126G	BKRXA-VPA 126G	LKRXA-VPA 126G-FI	125	32	100	Plain bearing	158	57	13	40
LKRXA-VPA 126G-11		LKRXA-VPA 126G-11-FI	125	32	100	Plain bearing	158	57	11	40



Castors+Wheels

Series: LKPXA-VPA, BKPXA-VPA

Stainless steel light duty swivel and fixed castors

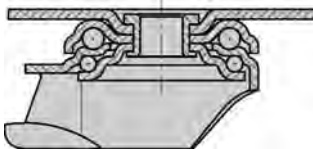
60 - 100 kg



Brackets: LKPXA/BKPXA Series - Pressed from 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 and bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Top plate drawings: Page 70.
Detailed description: Page 67 and 76.

Wheels: VPA Series - Tyres: Solid rubber, colour grey, non-marking, 80° shore A.
Rims: Made of high-quality nylon, shock and impact-resistant, corrosion-resistant, plain bearing, colour black.
Detailed description: Page 92 and 30.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø	Tyre width	Load capacity	Bearing version	Total height	Plate size	Bolt hole spacing	Bolt hole Ø	Offset swvl castor
Ref. No.	Ref. No.	Ref. No.	[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	[mm]
LKPXA-VPA 80G	BKPXA-VPA 80G	LKPXA-VPA 80G-FI	80	25	60	Plain bearing	111	90 x 66	75x45/61x51	8,5	40
LKPXA-VPA 101G	BKPXA-VPA 101G	LKPXA-VPA 101G-FI	100	32	90	Plain bearing	136	90 x 66	75x45/61x51	8,5	40
LKPXA-VPA 125G	BKPXA-VPA 125G	LKPXA-VPA 125G-FI	125	25	80	Plain bearing	161	90 x 66	75x45/61x51	8,5	40
LKPXA-VPA 126G	BKPXA-VPA 126G	LKPXA-VPA 126G-FI	125	32	100	Plain bearing	161	90 x 66	75x45/61x51	8,5	40



Series: LKRXA-PTH, BKRXA-PTH

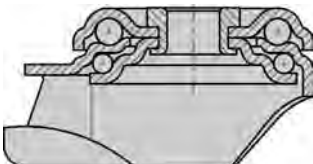
Stainless steel light duty swivel and fixed castors with bolt hole fitting

 120 kg



Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake
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Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LKRXA-PTH 80G	BKRXA-PTH 80G	LKRXA-PTH 80G-FI	80	30	120	Plain bearing	108	57	13	40
LKRXA-PTH 80G-11		LKRXA-PTH 80G-11-FI	80	30	120	Plain bearing	108	57	11	40
LKRXA-PTH 101G	BKRXA-PTH 101G	LKRXA-PTH 101G-FI	100	30	120	Plain bearing	133	57	13	40
LKRXA-PTH 101G-11		LKRXA-PTH 101G-11-FI	100	30	120	Plain bearing	133	57	11	40
LKRXA-PTH 126G	BKRXA-PTH 126G	LKRXA-PTH 126G-FI	125	30	120	Plain bearing	158	57	13	40
LKRXA-PTH 126G-11		LKRXA-PTH 126G-11-FI	125	30	120	Plain bearing	158	57	11	40



Variants / Accessories

	Antistatic version, non-marking grey
Technical description page	32
Ref. No. extension	-ELS
Available for wheel Ø [mm]	Upon request

Castors+Wheels

Series: LKPXA-PTH, BKPXA-PTH
Stainless steel light duty swivel
and fixed castors

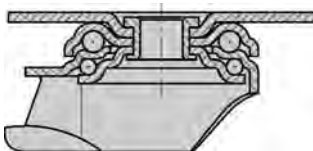
120 kg



Brackets: LKPXA/BKPXA Series - Pressed from 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 and bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Top plate drawings: Page 70.
Detailed description: Page 67 and 76.

Wheels: PTH Series - Treads: Made of injection-moulded polyurethane, colour grey, non-marking, 98° shore A, abrasion-resistant, non-staining, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre. Wheel centres: Made of high-quality nylon, colour light grey, shock and impact-resistant, corrosion-resistant, plain bearing.
Detailed description: Page 102 and 32.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LKPXA-PTH 80G	BKPXA-PTH 80G	LKPXA-PTH 80G-FI	80	30	120	Plain bearing	111	90 x 66	75x45/61x51	8,5	40
LKPXA-PTH 101G	BKPXA-PTH 101G	LKPXA-PTH 101G-FI	100	30	120	Plain bearing	136	90 x 66	75x45/61x51	8,5	40
LKPXA-PTH 126G	BKPXA-PTH 126G	LKPXA-PTH 126G-FI	125	30	120	Plain bearing	161	90 x 66	75x45/61x51	8,5	40



Variants / Accessories

	Antistatic version, non-marking grey
Technical description page	32
Ref. No. extension	-ELS
Available for wheel Ø [mm]	Upon request

Series: LKRXA-POA, BKRXA-POA

Stainless steel light duty swivel and fixed castors with bolt hole fitting

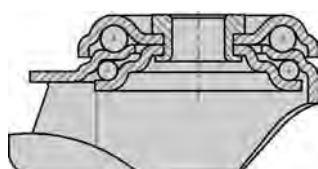
 120 kg



Brackets: LKRXA/BKRXA Series - Pressed from 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 and bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Detailed description: Page 67 and 76.

Wheels: POA Series - Made of high-quality nylon, colour black, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain bearing.
Detailed description: Page 107 and 32.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]	
LKRXA-POA 80G	BKRXA-POA 80G	LKRXA-POA 80G-FI	80	33	120	Plain bearing	108	57	13	40	
LKRXA-POA 80G-11		LKRXA-POA 80G-11-FI	80	33	120	Plain bearing	108	57	11	40	
LKRXA-POA 100G	BKRXA-POA 100G	LKRXA-POA 100G-FI	100	32	120	Plain bearing	133	57	13	40	
LKRXA-POA 100G-11		LKRXA-POA 100G-11-FI	100	32	120	Plain bearing	133	57	11	40	
LKRXA-POA 125G	BKRXA-POA 125G	LKRXA-POA 125G-FI	125	32	120	Plain bearing	158	57	13	40	
LKRXA-POA 125G-11		LKRXA-POA 125G-11-FI	125	32	120	Plain bearing	158	57	11	40	



Castors+Wheels

Series: LKPXA-POA, BKPXA-POA

Stainless steel light duty swivel and fixed castors

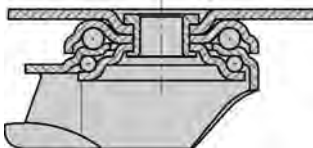
120 kg



Brackets: LKPXA/BKPXA Series - Pressed from 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 and bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished. Top plate drawings: Page 70. Detailed description: Page 67 and 76.

Wheels: POA Series - Made of high-quality nylon, colour black, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain bearing. Detailed description: Page 107 and 32.

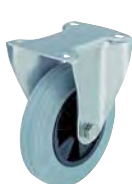
Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LKPXA-POA 80G	BKPXA-POA 80G	LKPXA-POA 80G-FI	80	33	120	Plain bearing	111	90 x 66	75x45/61x51	8,5	40
LKPXA-POA 100G	BKPXA-POA 100G	LKPXA-POA 100G-FI	100	32	120	Plain bearing	136	90 x 66	75x45/61x51	8,5	40
LKPXA-POA 125G	BKPXA-POA 125G	LKPXA-POA 125G-FI	125	32	120	Plain bearing	161	90 x 66	75x45/61x51	8,5	40



Series: LEX-VPP, BEX-VPP, BX-VPP

Stainless steel swivel and fixed castors

 50 - 205 kg



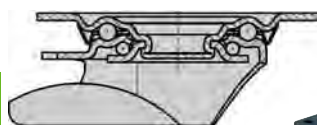
Brackets: LEX/BEX/BX Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, swivel head sealing, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Top plate drawings: Page 71.
Detailed description: Page 67 and 76.

Wheels: VPP Series - Tyres: Solid rubber, colour grey, non-marking, 80° shore A or 90° shore A with wheel dimensions of 80x32 mm.

Rims: Made of polypropylene, shock and impact-resistant, corrosion-resistant, plain or stainless steel roller bearing, colour black.

Detailed description: Page 133, 134 and 34.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø	Tyre width	Load capacity	Bearing version	Total height	Plate size	Bolt hole spacing	Bolt hole Ø	Offset swl castor
Ref. No.	Ref. No.	Ref. No.	[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	[mm]
LEX-VPP 80G-SG	BEX-VPP 80G-SG	LEX-VPP 80G-SG-FI	80	25	50	Plain bearing	102	100 x 85	80 x 60	9	38
LEX-VPP 80XR-SG	BEX-VPP 80XR-SG	LEX-VPP 80XR-SG-FI	80	25	50	Roller bearing	102	100 x 85	80 x 60	9	38
LEX-VPP 82G-SG	BEX-VPP 82G-SG	LEX-VPP 82G-SG-FI	80	32	100	Plain bearing	102	100 x 85	80 x 60	9	38
LEX-VPP 100G-SG	BEX-VPP 100G-SG	LEX-VPP 100G-SG-FI	100	30	70	Plain bearing	125	100 x 85	80 x 60	9	36
LEX-VPP 100XR-SG	BEX-VPP 100XR-SG	LEX-VPP 100XR-SG-FI	100	30	70	Roller bearing	125	100 x 85	80 x 60	9	36
LEX-VPP 125G-SG	BEX-VPP 125G-SG	LEX-VPP 125G-SG-FI	125	37,5	100	Plain bearing	150	100 x 85	80 x 60	9	40
LEX-VPP 125XR-SG	BEX-VPP 125XR-SG	LEX-VPP 125XR-SG-FI	125	37,5	100	Roller bearing	150	100 x 85	80 x 60	9	40
LEX-VPP 150G-SG-1	BEX-VPP 150G-SG-1	LEX-VPP 150G-SG-1-FI	150	40	135	Plain bearing	190	100 x 85	80 x 60	9	54
LEX-VPP 150G-SG	BX-VPP 150G-SG	LEX-VPP 150G-SG-FI	150	40	135	Plain bearing	190	140 x 110	105 x 75-80	11	54
LEX-VPP 150XR-SG-1	BEX-VPP 150XR-SG-1	LEX-VPP 150XR-SG-1-FI	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-SG-FI	150	40	135	Roller bearing	190	140 x 110	105 x 75-80	11	54
LEX-VPP 160G-SG-1	BEX-VPP 160G-SG-1	LEX-VPP 160G-SG-1-FI	160	40	135	Plain bearing	195	100 x 85	80 x 60	9	54
LEX-VPP 160G-SG	BX-VPP 160G-SG	LEX-VPP 160G-SG-FI	160	40	135	Plain bearing	195	140 x 110	105 x 75-80	11	54
LEX-VPP 160XR-SG-1	BEX-VPP 160XR-SG-1	LEX-VPP 160XR-SG-1-FI	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-SG-FI	160	40	135	Roller bearing	195	140 x 110	105 x 75-80	11	54
LEX-VPP 200G-SG-1	BEX-VPP 200G-SG-1	LEX-VPP 200G-SG-1-FI	200	50	205	Plain bearing	235	100 x 85	80 x 60	9	54
LEX-VPP 200G-SG	BX-VPP 200G-SG	LEX-VPP 200G-SG-FI	200	50	205	Plain bearing	235	140 x 110	105 x 75-80	11	54
LEX-VPP 200XR-SG-1	BEX-VPP 200XR-SG-1	LEX-VPP 200XR-SG-1-FI	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-SG-FI	200	50	205	Roller bearing	235	140 x 110	105 x 75-80	11	54



Variants / Accessories

	With "ideal-stop" brake *
Technical description page	77
Ref. No. extension	-IS
Available for wheel Ø [mm]	160 + 200, plate 140x110

* Without alteration of the total height.

Series: LEXR-VPP

Stainless steel swivel castors with bolt hole fitting

 50 - 205 kg



Brackets: LEXR Series - Pressed from 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, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Detailed description: Page 68 and 76.

Wheels: VPP Series - Tyres: Solid rubber, colour grey, non-marking, 80° shore A or 90° shore A with wheel dimensions of 80x32 mm.
Rims: Made of polypropylene, shock and impact-resistant, corrosion-resistant, plain bearing, colour black.
Detailed description: Page 133, 134 and 34.

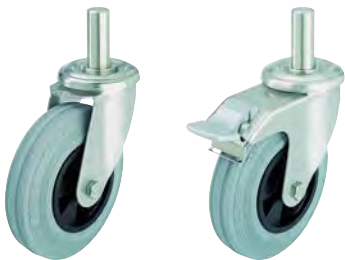
Swivel castors	Swivel castors with “stop-fix” brake									
Ref. No.	Ref. No.	Wheel Ø	Tyre width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LEXR-VPP 80G-SG	LEXR-VPP 80G-SG-FI	80	25	50	Plain bearing	102	70	13	38	
LEXR-VPP 82G-SG	LEXR-VPP 82G-SG-FI	80	32	100	Plain bearing	102	70	13	38	
LEXR-VPP 100G-SG	LEXR-VPP 100G-SG-FI	100	30	70	Plain bearing	125	70	13	36	
LEXR-VPP 125G-SG	LEXR-VPP 125G-SG-FI	125	37,5	100	Plain bearing	150	70	13	40	
LEXR-VPP 150G-SG	LEXR-VPP 150G-SG-FI	150	40	135	Plain bearing	190	88	13	54	
LEXR-VPP 160G-SG	LEXR-VPP 160G-SG-FI	160	40	135	Plain bearing	195	88	13	54	
LEXR-VPP 200G-SG	LEXR-VPP 200G-SG-FI	200	50	205	Plain bearing	235	88	13	54	



Series: LEXZ-VPP

Stainless steel swivel castors with stem fitting

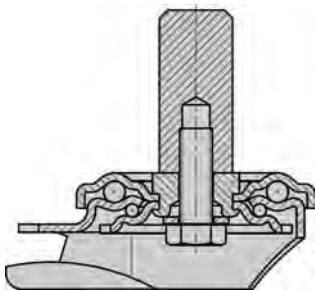
 50 - 205 kg



Brackets: LEXZ Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, plug-in stem, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished. Detailed description: Page 68 and 76.

Wheels: VPP Series - Tyres: Solid rubber, colour grey, non-marking, 80° shore A or 90° shore A with wheel dimensions of 80x32 mm. Rims: Made of polypropylene, shock and impact-resistant, corrosion-resistant, plain bearing, colour black. Detailed description: Page 133, 134 and 34.

Swivel castors		Swivel castors with "stop-fix" brake								
Ref. No.	Ref. No.	Wheel Ø	Tyre width	Load capacity	Bearing version	Total height	Stem Ø	Stem length	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LEXZ-VPP 80G-SG	LEXZ-VPP 80G-SG-FI	80	25	50	Plain bearing	102	20	50	38	
LEXZ-VPP 82G-SG	LEXZ-VPP 82G-SG-FI	80	32	100	Plain bearing	102	20	50	38	
LEXZ-VPP 100G-SG	LEXZ-VPP 100G-SG-FI	100	30	70	Plain bearing	125	20	50	36	
LEXZ-VPP 125G-SG	LEXZ-VPP 125G-SG-FI	125	37,5	100	Plain bearing	150	20	50	40	
LEXZ-VPP 150G-SG	LEXZ-VPP 150G-SG-FI	150	40	135	Plain bearing	190	27	60	54	
LEXZ-VPP 160G-SG	LEXZ-VPP 160G-SG-FI	160	40	135	Plain bearing	195	27	60	54	
LEXZ-VPP 200G-SG	LEXZ-VPP 200G-SG-FI	200	50	205	Plain bearing	235	27	60	54	



Series: LX-VPP, BX-VPP

Stainless steel swivel and fixed castors, medium duty brackets

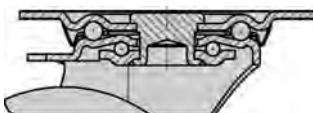
 135 - 205 kg



Brackets: LX/BX Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the reinforced swivel head, swivel head sealing, strong central kingpin, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Top plate drawings: Page 71.
Detailed description: Page 68 and 76.


Wheels: VPP Series - Tyres: Solid rubber, colour grey, non-marking, 80° shore A.
Rims: Made of polypropylene, shock and impact-resistant, corrosion-resistant, plain or stainless steel roller bearing, colour black.
Detailed description: Page 133, 134 and 34.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø	Tyre width	Load capacity	Bearing version	Total height	Plate size	Bolt hole spacing	Bolt hole Ø	Offset swvl castor
Ref. No.	Ref. No.	Ref. No.	[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	[mm]
LX-VPP 150G-SG	BX-VPP 150G-SG	LX-VPP 150G-SG-FI	150	40	135	Plain bearing	190	140 x 110	105 x 75-80	11	60
LX-VPP 150XR-SG	BX-VPP 150XR-SG	LX-VPP 150XR-SG-FI	150	40	135	Roller bearing	190	140 x 110	105 x 75-80	11	60
LX-VPP 160G-SG	BX-VPP 160G-SG	LX-VPP 160G-SG-FI	160	40	135	Plain bearing	195	140 x 110	105 x 75-80	11	60
LX-VPP 160XR-SG	BX-VPP 160XR-SG	LX-VPP 160XR-SG-FI	160	40	135	Roller bearing	195	140 x 110	105 x 75-80	11	60
LX-VPP 200G-SG	BX-VPP 200G-SG	LX-VPP 200G-SG-FI	200	50	205	Plain bearing	235	140 x 110	105 x 75-80	11	65
LX-VPP 200XR-SG	BX-VPP 200XR-SG	LX-VPP 200XR-SG-FI	200	50	205	Roller bearing	235	140 x 110	105 x 75-80	11	65



Series: LEX-POEV, BEX-POEV, BX-POEV

Stainless steel swivel and fixed castors

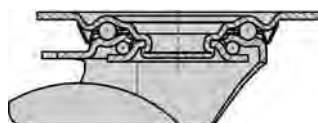
 120 - 300 kg



Brackets: LEX/BEX/BX Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, swivel head sealing, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Top plate drawings: Page 71.
Detailed description: Page 67 and 76.

Wheels: POEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour grey, non-marking, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.
Wheel centres: Made of high-quality nylon, colour black, shock and impact-resistant, corrosion-resistant, plain or stainless steel roller bearing or sealed ball bearing. As standard, ball bearing versions are supplied with bearing sealing.
Detailed description: Page 156, 37 and 58.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LEX-POEV 80XR-SG	BEX-POEV 80XR-SG	LEX-POEV 80XR-SG-FI	80	32	120	Roller bearing	102	100 x 85	80 x 60	9	38
LEX-POEV 100G-SG	BEX-POEV 100G-SG	LEX-POEV 100G-SG-FI	100	38	150	Plain bearing	125	100 x 85	80 x 60	9	36
LEX-POEV 100XR-SG	BEX-POEV 100XR-SG	LEX-POEV 100XR-SG-FI	100	38	150	Roller bearing	125	100 x 85	80 x 60	9	36
LEX-POEV 100KD-SG	BEX-POEV 100KD-SG	LEX-POEV 100KD-SG-FI	100	38	150	Ball bearing	125	100 x 85	80 x 60	9	36
LEX-POEV 125XR-SG	BEX-POEV 125XR-SG	LEX-POEV 125XR-SG-FI	125	40	150	Roller bearing	150	100 x 85	80 x 60	9	40
LEX-POEV 125KD-SG	BEX-POEV 125KD-SG	LEX-POEV 125KD-SG-FI	125	40	150	Ball bearing	150	100 x 85	80 x 60	9	40
LEX-POEV 160XR-SG-1	BEX-POEV 160XR-SG-1	LEX-POEV 160XR-SG-1-FI	160	50	300	Roller bearing	195	100 x 85	80 x 60	9	54
LEX-POEV 160XR-SG	BX-POEV 160XR-SG	LEX-POEV 160XR-SG-FI	160	50	300	Roller bearing	195	140 x 110	105 x 75-80	11	54
LEX-POEV 160KD-SG-1	BEX-POEV 160KD-SG-1	LEX-POEV 160KD-SG-1-FI	160	50	300	Ball bearing	195	100 x 85	80 x 60	9	54
LEX-POEV 160KD-SG	BX-POEV 160KD-SG	LEX-POEV 160KD-SG-FI	160	50	300	Ball bearing	195	140 x 110	105 x 75-80	11	54
LEX-POEV 200XR-SG-1	BEX-POEV 200XR-SG-1	LEX-POEV 200XR-SG-1-FI	200	50	300	Roller bearing	235	100 x 85	80 x 60	9	54
LEX-POEV 200XR-SG	BX-POEV 200XR-SG	LEX-POEV 200XR-SG-FI	200	50	300	Roller bearing	235	140 x 110	105 x 75-80	11	54
LEX-POEV 200KD-SG-1	BEX-POEV 200KD-SG-1	LEX-POEV 200KD-SG-1-FI	200	50	300	Ball bearing	235	100 x 85	80 x 60	9	54
LEX-POEV 200KD-SG	BX-POEV 200KD-SG	LEX-POEV 200KD-SG-FI	200	50	300	Ball bearing	235	140 x 110	105 x 75-80	11	54



18

Variants / Accessories



	With "ideal-stop" brake *	Castors suitable for pressure washing (DIN 18867-8)	With stainless steel ball bearing in the wheel hub
Technical description page	77	67	57
Ref. No. extension	-IS		-XK
Available for wheel Ø [mm]	160 + 200 plate 140x110	Upon request	Upon request

* Without alteration of the total height.

Series: LEXR-POEV

Stainless steel swivel castors with bolt hole fitting

 120 - 300 kg



Brackets: LEXR Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), with double ball bearing in the swivel head, with strong central kingpin, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Detailed description: Page 68 and 76.

Wheels: POEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour grey, non-marking, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.
Wheel centres: Made of high-quality nylon, colour black, shock and impact-resistant, corrosion-resistant, plain or stainless steel roller bearing or sealed ball bearing. As standard, ball bearing versions are supplied with bearing sealing.
Detailed description: Page 156, 37 and 58.

Swivel castors		Swivel castors with "stop-fix" brake		Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
Ref. No.	Ref. No.	Ref. No.	Ref. No.								
LEXR-POEV 80XR-SG	LEXR-POEV 80XR-SG-FI			80	32	120	Roller bearing	102	70	13	38
LEXR-POEV 100G-SG	LEXR-POEV 100G-SG-FI			100	38	150	Plain bearing	125	70	13	36
LEXR-POEV 100XR-SG	LEXR-POEV 100XR-SG-FI			100	38	150	Roller bearing	125	70	13	36
LEXR-POEV 100KD-SG	LEXR-POEV 100KD-SG-FI			100	38	150	Ball bearing	125	70	13	36
LEXR-POEV 125XR-SG	LEXR-POEV 125XR-SG-FI			125	40	150	Roller bearing	150	70	13	40
LEXR-POEV 125KD-SG	LEXR-POEV 125KD-SG-FI			125	40	150	Ball bearing	150	70	13	40
LEXR-POEV 160XR-SG	LEXR-POEV 160XR-SG-FI			160	50	300	Roller bearing	195	88	13	54
LEXR-POEV 160KD-SG	LEXR-POEV 160KD-SG-FI			160	50	300	Ball bearing	195	88	13	54
LEXR-POEV 200XR-SG	LEXR-POEV 200XR-SG-FI			200	50	300	Roller bearing	235	88	13	54
LEXR-POEV 200KD-SG	LEXR-POEV 200KD-SG-FI			200	50	300	Ball bearing	235	88	13	54



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Variants / Accessories

	With stainless steel ball bearing in the wheel hub
Technical description page	57
Ref. No. extension	-XK
Available for wheel Ø [mm]	Upon request

Further information on the Internet: www.bifickle.de

Series: LX-POEV, BX-POEV

Stainless steel swivel and fixed castors, medium duty brackets

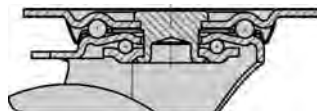
 350 - 400 kg



Brackets: LX/BX Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the reinforced swivel head, swivel head sealing, strong central kingpin, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Top plate drawings: Page 71.
Detailed description: Page 68 and 76.

Wheels: POEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour grey, non-marking, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.
Wheel centres: Made of high-quality nylon, colour black, shock and impact-resistant, corrosion-resistant, stainless steel roller or sealed ball bearing.
As standard, ball bearing versions are supplied with bearing sealing.
Detailed description: Page 156, 37 and 58.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø	Tyre width	Load capacity	Bearing version	Total height	Plate size	Bolt hole spacing	Bolt hole Ø	Offset swivel castor
Ref. No.	Ref. No.	Ref. No.	[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	[mm]
LX-POEV 160XR-SG	BX-POEV 160XR-SG	LX-POEV 160XR-SG-FI	160	50	350	Roller bearing	195	140 x 110	105 x 75-80	11	60
LX-POEV 160KD-SG	BX-POEV 160KD-SG	LX-POEV 160KD-SG-FI	160	50	350	Ball bearing	195	140 x 110	105 x 75-80	11	60
LX-POEV 200XR-SG	BX-POEV 200XR-SG	LX-POEV 200XR-SG-FI	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-SG-FI	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65




Variants / Accessories

	With stainless steel ball bearing in the wheel hub
Technical description page	57
Ref. No. extension	-XK
Available for wheel Ø [mm]	Upon request

Castors+Wheels

Series: LEX-PTH, BEX-PTH, BX-PTH

Stainless steel swivel and fixed castors

 125 - 300 kg



Brackets: LEX/BEX/BX Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, swivel head sealing, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished. Top plate drawings: Page 71. Detailed description: Page 67 and 76.

Wheels: PTH Series - Treads: Made of injection-moulded polyurethane, colour grey, non-marking, 98° shore A, abrasion-resistant, non-staining, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre. Wheel centres: Made of high-quality nylon, colour light grey, shock and impact-resistant, corrosion-resistant, plain bearing. Detailed description: Page 198 and 43.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LEX-PTH 80G	BEX-PTH 80G	LEX-PTH 80G-FI	80	30	125	Plain bearing	102	100 x 85	80 x 60	9	38
LEX-PTH 100G	BEX-PTH 100G	LEX-PTH 100G-FI	100	30	150	Plain bearing	125	100 x 85	80 x 60	9	36
LEX-PTH 125G	BEX-PTH 125G	LEX-PTH 125G-FI	125	30	150	Plain bearing	150	100 x 85	80 x 60	9	40
LEX-PTH 160G-1	BEX-PTH 160G-1	LEX-PTH 160G-1-FI	160	40	300	Plain bearing	195	100 x 85	80 x 60	9	54
LEX-PTH 160G	BX-PTH 160G	LEX-PTH 160G-FI	160	40	300	Plain bearing	195	140 x 110	105 x 75-80	11	54
LEX-PTH 200G-1	BEX-PTH 200G-1	LEX-PTH 200G-1-FI	200	50	300	Plain bearing	235	100 x 85	80 x 60	9	54
LEX-PTH 200G	BX-PTH 200G	LEX-PTH 200G-FI	200	50	300	Plain bearing	235	140 x 110	105 x 75-80	11	54



Variants / Accessories




	Antistatic version, non-marking grey	With "ideal-stop" brake *
Technical description page	43	77
Ref. No. extension	-ELS	-IS
Available for wheel Ø [mm]	Upon request	160 + 200, plate 140x110

* Without alteration of the total height.

Series: LEXR-PTH

Stainless steel swivel castors with bolt hole fitting

 125 - 300 kg



Brackets: LEXR Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), with double ball bearing in the swivel head, with strong central kingpin, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Detailed description: Page 68 and 76.

Wheels: PTH Series - Treads: Made of injection-moulded polyurethane, colour grey, non-marking, 98° shore A, abrasion-resistant, non-staining, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre. Wheel centres: Made of high-quality nylon, colour light grey, shock and impact-resistant, corrosion-resistant, plain bearing.
Detailed description: Page 198 and 43.

Swivel castors		Swivel castors with “stop-fix” brake		Detailed description: Page 196 and 43.						
Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset	
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	
LEXR-PTH 80G	LEXR-PTH 80G-FI	80	30	125	Plain bearing	102	70	13	38	
LEXR-PTH 100G	LEXR-PTH 100G-FI	100	30	150	Plain bearing	125	70	13	36	
LEXR-PTH 125G	LEXR-PTH 125G-FI	125	30	150	Plain bearing	150	70	13	40	
LEXR-PTH 160G	LEXR-PTH 160G-FI	160	40	300	Plain bearing	195	88	13	54	
LEXR-PTH 200G	LEXR-PTH 200G-FI	200	50	300	Plain bearing	235	88	13	54	



Variants / Accessories



Antistatic version, non-marking grey

Technical description page	43
Ref. No. extension	-ELS
Available for wheel Ø [mm]	Upon request

Castors+Wheels

Series: LEXZ-PTH
Stainless steel swivel castors
with stem fitting

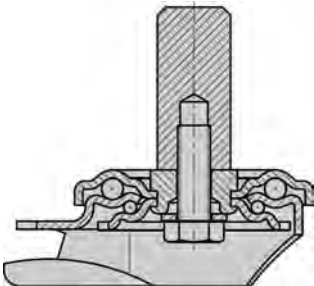
125 - 270 kg



Brackets: LEXZ Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, plug-in stem, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished. Detailed description: Page 68 and 76.

Wheels: PTH Series - Treads: Made of injection-moulded polyurethane, colour grey, non-marking, 98° shore A, abrasion-resistant, non-staining, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre. Wheel centres: Made of high-quality nylon, colour light grey, shock and impact-resistant, corrosion-resistant, plain bearing. Detailed description: Page 198 and 43.

Swivel castors	Swivel castors with "stop-fix" brake								
Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LEXZ-PTH 80G	LEXZ-PTH 80G-FI	80	30	125	Plain bearing	102	20	50	38
LEXZ-PTH 100G	LEXZ-PTH 100G-FI	100	30	150	Plain bearing	125	20	50	36
LEXZ-PTH 125G	LEXZ-PTH 125G-FI	125	30	150	Plain bearing	150	20	50	40
LEXZ-PTH 160G	LEXZ-PTH 160G-FI	160	40	270	Plain bearing	195	27	60	54
LEXZ-PTH 200G	LEXZ-PTH 200G-FI	200	50	270	Plain bearing	235	27	60	54



Variants / Accessories

Antistatic version, non-marking grey

Technical description page 43

Ref. No. extension -ELS

Available for wheel Ø [mm] Upon request

Series: LEX-POTH, BEX-POTH, BX-POTH

Stainless steel swivel and fixed castors

150 - 300 kg

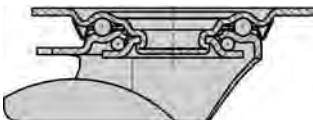


Swivel castors

Fixed castors

Swivel castors
with "stop-fix"
brake

Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LEX-POTH 100G	BEX-POTH 100G	LEX-POTH 100G-FI	100	35	150	Plain bearing	125	100 x 85	80 x 60	9	36
LEX-POTH 100XR	BEX-POTH 100XR	LEX-POTH 100XR-FI	100	35	150	Roller bearing	125	100 x 85	80 x 60	9	36
LEX-POTH 125G	BEX-POTH 125G	LEX-POTH 125G-FI	125	35	150	Plain bearing	150	100 x 85	80 x 60	9	40
LEX-POTH 125XR	BEX-POTH 125XR	LEX-POTH 125XR-FI	125	35	150	Roller bearing	150	100 x 85	80 x 60	9	40
LEX-POTH 150G	BX-POTH 150G	LEX-POTH 150G-FI	150	40	300	Plain bearing	190	140 x 110	105 x 75-80	11	54
LEX-POTH 150XR	BX-POTH 150XR	LEX-POTH 150XR-FI	150	40	300	Roller bearing	190	140 x 110	105 x 75-80	11	54
LEX-POTH 200G	BX-POTH 200G	LEX-POTH 200G-FI	200	50	300	Plain bearing	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



Brackets: LEX/BEX/BX Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, swivel head sealing, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished. Top plate drawings: Page 71. Detailed description: Page 67 and 76.

Wheels: POTH Series - Treads: Made of injection-moulded polyurethane, colour brown, non-marking, 98° shore A, non-staining, abrasion-resistant, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre. **Alternatively available with soft tread with improved skid resistance, colour grey, 92° shore A, refer to Variants / Accessories.** Wheel centres: Made of high-quality nylon, colour natural white, shock and impact-resistant, corrosion-resistant, plain or stainless steel roller bearing. Detailed description: Page 202 and 43.

Variants / Accessories



	With soft tread, 92° shore A, non-marking grey	With "ideal-stop" brake *
Technical description page	43	77
Ref. No. extension	-WE	-IS
Available for wheel Ø [mm]	Upon request	200

* Without alteration of the total height.

Series: LX-POTH, BX-POTH

Stainless steel swivel and fixed castors, medium duty brackets

 400 kg



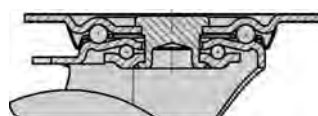
Brackets: LX/BX Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the reinforced swivel head, swivel head sealing, strong central kingpin, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Top plate drawings: Page 71.
Detailed description: Page 68 and 76.

Wheels: POTH Series - Treads: Made of injection-moulded polyurethane, colour brown, non-marking, 98° shore A, non-staining, abrasion-resistant, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre.

Alternatively available with soft tread with improved skid resistance, colour grey, 92° shore A, refer to Variants / Accessories.

Wheel centres: Made of high-quality nylon, colour natural white, shock and impact-resistant, corrosion-resistant, plain, stainless steel roller or ball bearing.
Detailed description: Page 202 and 43.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LX-POTH 150G	BX-POTH 150G	LX-POTH 150G-FI	150	40	400	Plain bearing	190	140 x 110	105 x 75-80	11	60
LX-POTH 150XR	BX-POTH 150XR	LX-POTH 150XR-FI	150	40	400	Roller bearing	190	140 x 110	105 x 75-80	11	60
LX-POTH 150XK	BX-POTH 150XK	LX-POTH 150XK-FI	150	40	400	Ball bearing	190	140 x 110	105 x 75-80	11	60
LX-POTH 200G	BX-POTH 200G	LX-POTH 200G-FI	200	50	400	Plain bearing	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



Variants / Accessories

With soft tread, 92° shore A, non-marking grey

Technical description page

43

Ref. No. extension


-WE

Available for wheel Ø [mm]

Upon request

Series: LKX-POTH, BKX-POTH

Stainless steel swivel and fixed castors, heavy duty brackets

 250 - 700 kg



Brackets: LKX/BKX Series - Pressed from heavy, high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), reinforced fork and top plate, double ball bearing in the swivel head, swivel head sealing, very strong central kingpin. All metal parts are stainless steel and brackets are vibration-ground finished.
Top plate drawings: Page 71.
Detailed description: Page 68 and 76.

Wheels: POTH Series - Treads: Made of injection-moulded polyurethane, colour brown, non-marking, 98° shore A, non-staining, abrasion-resistant, floor-saving, low-noise operation, low rolling resistance, excellent positive and non-positive connection with the wheel centre.

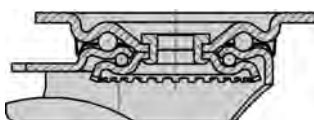
Alternatively available with soft tread with improved skid resistance, colour grey, 92° shore A, refer to Variants / Accessories.

Wheel centres: Made of high-quality nylon, colour natural white, shock and impact-resistant, corrosion-resistant, plain or stainless steel ball bearing.

Detailed description: Page 202 and 43.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
Ref. No.	Ref. No.	Ref. No.									
LKX-POTH 125G	BKX-POTH 125G	*	125	35	250	Plain bearing	165	140 x 110	105 x 75-80	11	55
LKX-POTH 125XK	BKX-POTH 125XK	*	125	35	250	Ball bearing	165	140 x 110	105 x 75-80	11	55
LKX-POTH 150G	BKX-POTH 150G	LKX-POTH 150G-FI	150	40	400	Plain bearing	197	140 x 110	105 x 75-80	11	63
LKX-POTH 150XK	BKX-POTH 150XK	LKX-POTH 150XK-FI	150	40	400	Ball bearing	197	140 x 110	105 x 75-80	11	63
LKX-POTH 200G	BKX-POTH 200G	LKX-POTH 200G-FI	200	50	700	Plain bearing	245	140 x 110	105 x 75-80	11	65
LKX-POTH 200XK	BKX-POTH 200XK	LKX-POTH 200XK-FI	200	50	700	Ball bearing	245	140 x 110	105 x 75-80	11	65

* For the "stop-top" brake version, refer to Variants / Accessories.



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Variants / Accessories



	With soft tread, 92° shore A, non-marking grey	With "stop-top" brake
Technical description page	43	77
Ref. No. extension	-WE	-ST
Available for wheel Ø [mm]	Upon request	125

Castors+Wheels

Series: LEX-PO, BEX-PO, BX-PO

Stainless steel swivel and fixed castors

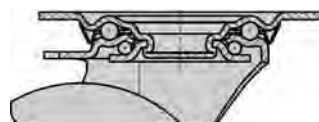
 150 - 300 kg



Brackets: LEX/BEX/BX Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, swivel head sealing, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished. Top plate drawings: Page 71. Detailed description: Page 67 and 76.

Wheels: PO Series - Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain, stainless steel roller bearing or sealed ball bearing. As standard, ball bearing versions are supplied with bearing sealing. Detailed description: Page 240, 241 47 and 58.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate size	Bolt hole spacing	Bolt hole Ø	Offset swvl castor
Ref. No.	Ref. No.	Ref. No.	[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	[mm]
LEX-PO 75G	BEX-PO 75G	LEX-PO 75G-FI	75	32	150	Plain bearing	100	100 x 85	80 x 60	9	38
LEX-PO 75XR	BEX-PO 75XR	LEX-PO 75XR-FI	75	32	150	Roller bearing	100	100 x 85	80 x 60	9	38
LEX-PO 80G	BEX-PO 80G	LEX-PO 80G-FI	80	33	150	Plain bearing	102	100 x 85	80 x 60	9	38
LEX-PO 80XR	BEX-PO 80XR	LEX-PO 80XR-FI	80	33	150	Roller bearing	102	100 x 85	80 x 60	9	38
LEX-PO 100G	BEX-PO 100G	LEX-PO 100G-FI	100	37	150	Plain bearing	125	100 x 85	80 x 60	9	36
LEX-PO 100XR	BEX-PO 100XR	LEX-PO 100XR-FI	100	37	150	Roller bearing	125	100 x 85	80 x 60	9	36
LEX-PO 100KD	BEX-PO 100KD	LEX-PO 100KD-FI	100	37	150	Ball bearing	125	100 x 85	80 x 60	9	36
LEX-PO 125G	BEX-PO 125G	LEX-PO 125G-FI	125	40	150	Plain bearing	150	100 x 85	80 x 60	9	40
LEX-PO 125XR	BEX-PO 125XR	LEX-PO 125XR-FI	125	40	150	Roller bearing	150	100 x 85	80 x 60	9	40
LEX-PO 125KD	BEX-PO 125KD	LEX-PO 125KD-FI	125	40	150	Ball bearing	150	100 x 85	80 x 60	9	40
LEX-PO 150G	BX-PO 150G	LEX-PO 150G-FI	150	50	300	Plain bearing	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 bearing	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 bearing	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



Variants / Accessories

	With "ideal-stop" brake *
Technical description page	77
Ref. No. extension	-IS
Available for wheel Ø [mm]	160 + 200

* Without alteration of the total height.

Series: LEXR-PO

Stainless steel swivel castors
with bolt hole fitting

150 - 300 kg



Brackets: LEXR Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), with double ball bearing in the swivel head, with strong central kingpin, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Detailed description: Page 68 and 76.

Wheels: PO Series - Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain bearing.
Detailed description: Page 240, 241 and 47.

Swivel castors		Swivel castors with "stop-fix" brake							
Ref. No.	Ref. No.	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate Ø	Bolt hole Ø	Offset
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]
LEXR-PO 75G	LEXR-PO 75G-FI	75	32	150	Plain bearing	100	70	13	38
LEXR-PO 80G	LEXR-PO 80G-FI	80	33	150	Plain bearing	102	70	13	38
LEXR-PO 100G	LEXR-PO 100G-FI	100	37	150	Plain bearing	125	70	13	36
LEXR-PO 125G	LEXR-PO 125G-FI	125	40	150	Plain bearing	150	70	13	40
LEXR-PO 150G	LEXR-PO 150G-FI	150	50	300	Plain bearing	190	88	13	54
LEXR-PO 200G	LEXR-PO 200G-FI	200	50	300	Plain bearing	235	88	13	54



Series: LEXZ-PO

Stainless steel swivel castors with stem fitting

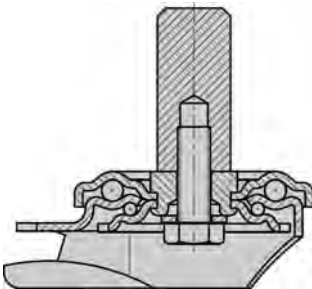
 150 - 270 kg



Brackets: LEXZ Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, plug-in stem, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished. Detailed description: Page 68 and 76.

Wheels: PO Series - Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain bearing. Detailed description: Page 240, 241 and 47.

Swivel castors		Swivel castors with “stop-fix” brake							
Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LEXZ-PO 75G	LEXZ-PO 75G-FI	75	32	150	Plain bearing	100	20	50	38
LEXZ-PO 80G	LEXZ-PO 80G-FI	80	33	150	Plain bearing	102	20	50	38
LEXZ-PO 100G	LEXZ-PO 100G-FI	100	37	150	Plain bearing	125	20	50	36
LEXZ-PO 125G	LEXZ-PO 125G-FI	125	40	150	Plain bearing	150	20	50	40
LEXZ-PO 150G	LEXZ-PO 150G-FI	150	50	270	Plain bearing	190	27	60	54
LEXZ-PO 200G	LEXZ-PO 200G-FI	200	50	270	Plain bearing	235	27	60	54



Series: LX-PO, BX-PO

Stainless steel swivel and fixed castors, medium duty brackets

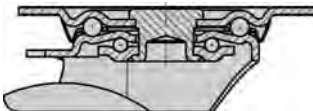
 400 kg



Brackets: LX/BX Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the reinforced swivel head, swivel head sealing, strong central kingpin, bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished.
Top plate drawings: Page 71.
Detailed description: Page 68 and 76.


Wheels: PO Series - Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain, stainless steel roller or ball bearing.
Detailed description: Page 241 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake									
Ref. No.	Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl castor [mm]
LX-PO 150G	BX-PO 150G	LX-PO 150G-FI	150	50	400	Plain bearing	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 200G	BX-PO 200G	LX-PO 200G-FI	200	50	400	Plain bearing	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



Series: LKX-SPO, BKX-SPO

Stainless steel swivel and fixed castors, heavy duty brackets

 300 - 800 kg

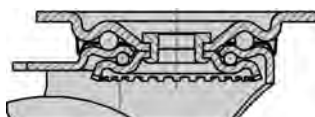


Brackets: LKX/BKX Series - Pressed from heavy, high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), reinforced fork and top plate, double ball bearing in the swivel head, swivel head sealing, very strong central kingpin. All metal parts are stainless steel and brackets are vibration-ground finished.
Top plate drawings: Page 71.
Detailed description: Page 68 and 76.

Wheels: SPO Series - Made of high-quality nylon, very rugged, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, plain or stainless steel ball bearing.
Detailed description: Page 262, 263 and 47.

Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate size	Bolt hole spacing	Bolt hole Ø	Offset swvl castor
Ref. No.	Ref. No.	Ref. No.	[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	[mm]
LKX-SPO 125G	BKX-SPO 125G	*	125	40	300	Plain bearing	165	140 x 110	105 x 75-80	11	55
LKX-SPO 127G	BKX-SPO 127G	LKX-SPO 127G-FI	125	50	750	Plain bearing	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 bearing	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 bearing	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

* For the "stop-top" brake version, refer to Variants / Accessories.



Variants / Accessories

	With "stop-top" brake
Technical description page	77
Ref. No. extension	-ST
Available for wheel Ø [mm]	125x40

Contents: Section 19

Wheel series

Wheel series			Swivel bracket series (combined with the respective wheel series) For matching fixed castors, refer to the corresponding catalogue pages.							
			LI	LIR	LIX	LIXR				
	VEHI									
	Series	VEHI	LI-VEHI	LIR-VEHI						
	Wheel Ø [mm]	100 - 200 mm	100 - 200 mm	100 - 125 mm						
	VKHT									
	Series	VKHT	LI-VKHT	LIR-VKHT	LIX-VKHT	LIXR-VKHT				
	Wheel Ø [mm]	100 mm	100 mm	100 mm	100 mm	100 mm				
	PHN									
	Series	PHN	LI-PHN	LIR-PHN	LIX-PHN	LIXR-PHN				
	Wheel Ø [mm]	80 - 200 mm	80 - 200 mm	80 - 125 mm	80 - 200 mm	80 - 125 mm				
	G									
	Series	G	LI-G							
	Wheel Ø [mm]	80 - 250 mm	80 - 200 mm							
Page			330	331	332	336	337			
Page			333	334	335	336	337			
Page			338	339	340	341	342			
Page			343	344						



Heat-resistant wheels and castors



Series: VEHI

Wheels with heat-resistant
Blickle® Hot solid rubber tyres,
pressed steel rim

65 - 180 kg



-30°C to +200°C



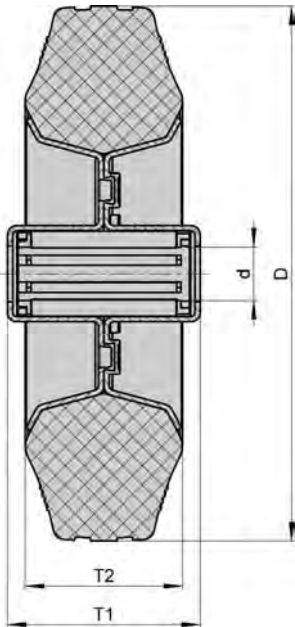
Tyres: Heat-resistant solid rubber Blickle® Hot, colour black, 80° shore A.
Rims: Pressed steel, roller bearing, zinc-plated.

Detailed description: Page 52.

Temperature range from -30°C to +200°C.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VEHI 100/12R	100	30	65	Roller bearing	12	45
VEHI 125/12R	125	37,5	90	Roller bearing	12	45
VEHI 160/20R	160	40	120	Roller bearing	20	60
VEHI 200/20R	200	50	180	Roller bearing	20	60



Castors+Wheels

Series: LI-VEHI, BE-VEHI, B-VEHI
Heat-resistant pressed steel
swivel and fixed castors

65 - 180 kg

-30°C to +200°C

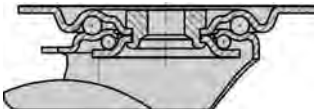


Brackets: LI/BE/B Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely long service life, heat-resistant grease and adjusted bearing play, bolted wheel axle, zinc-plated.
Top plate drawings: Page 71.
Detailed description: Page 69.

Wheels: VEHI Series - Tyres: Heat-resistant solid rubber Blickle® Hot, colour black, 80° shore A.
Rims: Pressed steel, roller bearing, zinc-plated.
Detailed description: Page 330 and 52.

Temperature range from -30°C to +200°C.

Swivel castors		Fixed castors								
Ref. No.	Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivl castor [mm]
LI-VEHI 100R	BE-VEHI 100R	100	30	65	Roller bearing	125	100 x 85	80 x 60	9	36
LI-VEHI 125R	BE-VEHI 125R	125	37,5	90	Roller bearing	150	100 x 85	80 x 60	9	40
LI-VEHI 160R	B-VEHI 160R	160	40	120	Roller bearing	195	140 x 110	105 x 75-80	11	60
LI-VEHI 200R	B-VEHI 200R	200	50	180	Roller bearing	235	140 x 110	105 x 75-80	11	65



Wheels + Castors

Series: LIR-VEHI
Heat-resistant pressed steel swivel castors
with bolt hole fitting

65 - 90 kg

-30°C to +200°C



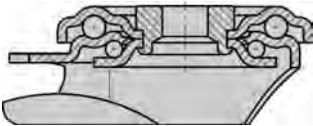
Brackets: LIR Series - Pressed steel, single bolt hole fitting, double ball bearing in the swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely long service life, strong central kingpin, heat-resistant grease and adjusted bearing play, bolted wheel axle, zinc-plated.
Detailed description: Page 69.

Wheels: VEHI Series - Tyres: Heat-resistant solid rubber Blickle® Hot, colour black, 80° shore A.
Rims: Pressed steel, roller bearing, zinc-plated.
Detailed description: Page 330 and 52.

Temperature range from -30°C to +200°C.

Swivel castors

Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIR-VEHI 100R	100	30	65	Roller bearing	125	70	13	36
LIR-VEHI 125R	125	37,5	90	Roller bearing	150	70	13	40



Series: VKHT

Wheels with heat-resistant
Blickle® Hotline-Special solid rubber tyres,
synthetic rim

100 kg



-30°C to +280°C



Tyres: Heat-resistant Blickle® Hotline-Special solid rubber, colour black, 80° shore A.
Rims: Made of special, heat-resistant synthetic, plain bearing, colour black.
Detailed description: Page 52.

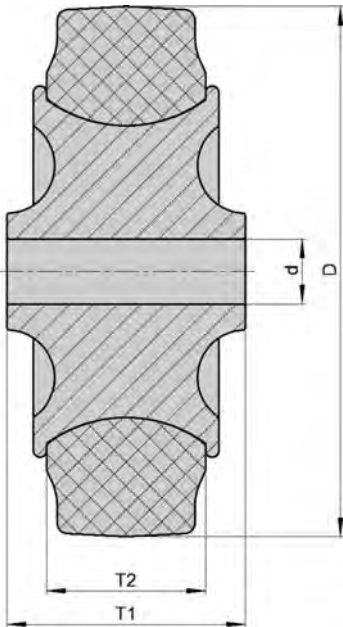
Temperature range from -30°C to +260°C
(temporarily up to +280°C).

Wheels

Ref. No.	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VKHT 100/12-38G	100	30	100	Plain bearing	12	38
VKHT 100/12-45G	100	30	100	Plain bearing	12	45

Variants / Accessories

	Teflon-coated stain- less steel axle tube	Teflon-coated stain- less steel axle tube
Technical description page	79	79
Ref. No.	XAT 12x40	XAT 12x47
Available for Ref. No.	VKHT 100/12-38G	VKHT 100/12-45G



Series: LI-VKHT
Heat-resistant pressed steel swivel castor

100 kg

-30°C to +280°C

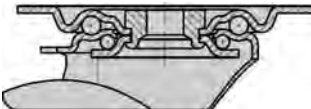


Swivel castor

Brackets: LI Series - Pressed steel, with double ball bearing in the swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely long service life, heat-resistant grease and adjusted bearing play, Teflon-coated stainless steel axle tube, bolted wheel axle, zinc-plated.
Top plate drawings: Page 71.
Detailed description: Page 69.

Wheels: VKHT Series - Tyres: Heat-resistant Blickle® Hotline-Special solid rubber, colour black, 80° shore A.
Rims: Made of special, heat-resistant synthetic, plain bearing, colour black.
Detailed description: Page 333 and 52.
Temperature range from -30°C to +260°C (temporarily up to +280°C).

Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LI-VKHT 100G	100	30	100	Plain bearing	125	100 x 85	80 x 60	9	36



Series: LIR-VKHT

Heat-resistant pressed steel swivel castor with bolt hole fitting

100 kg

-30°C to +280°C



Swivel castor

Brackets: LIR Series - Pressed steel, single bolt hole fitting, double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely long service life, strong central kingpin, heat-resistant grease and adjusted bearing play, with Teflon-coated, stainless steel axle tube (plain bearing version), bolted wheel axle, zinc-plated.

Detailed description: Page 69.

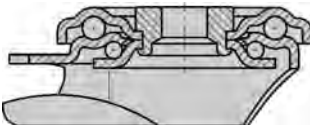
Wheels: VKHT Series - Tyres: Heat-resistant Blicke® Hotline-Special solid rubber, colour black, 80° shore A.

Rims: Made of special, heat-resistant synthetic, plain bearing, colour black.

Detailed description: Page 333 and 52.

Temperature range from -30°C to +260°C (temporarily up to +280°C).

Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIR-VKHT 100G	100	30	100	Plain bearing	125	70	13	36



Series: LIX-VKHT
Heat-resistant stainless steel swivel castor

100 kg

-30°C to +280°C

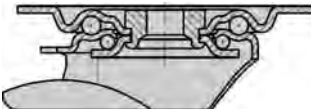


Brackets: LIX Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), double ball bearing in the swivel head, dynamically pressed in accordance with special Bickie procedure resulting in an extremely long service life, Teflon-coated stainless steel axle tube and bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished. **Particularly suitable for oven racks, swivel head without grease, extremely smooth rolling characteristics.**
Top plate drawings: Page 71.
Detailed description: Page 69.

Wheels: VKHT Series - Tyres: Heat-resistant Bickie® Hotline-Special solid rubber, colour black, 80° shore A.
Rims: Made of special, heat-resistant synthetic, plain bearing, colour black.
Detailed description: Page 333 and 52.
Temperature range from -30°C to +260°C (temporarily up to +280°C).

Swivel castor

Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LIX-VKHT 100G-OF	100	30	100	Plain bearing	125	100 x 85	80 x 60	9	36



Further information on the Internet: www.bickie.de

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Variants / Accessories



With heat-resistant grease
-30° C to +260° C

Technical description page	
Ref. No.	LIX-VKHT 100G
Available for wheel Ø [mm]	Upon request

Series: LIXR-VKHT

Heat-resistant stainless steel swivel castor with bolt hole fitting

100 kg

-30°C to +280°C

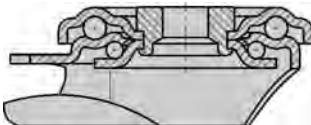


Swivel castor

Brackets: LIXR Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), single bolt hole fitting, double ball bearing in the swivel head, dynamically pressed in accordance with special Bickler procedure resulting in an extremely long service life, strong central kingpin, Teflon-coated stainless steel axle tube and bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished. **Particularly suitable for oven racks, swivel head without grease, extremely smooth rolling characteristics.** Detailed description: Page 69.

Wheels: VKHT Series - Tyres: Heat-resistant Bickler® Hotline-Special solid rubber, colour black, 80° shore A. Rims: Made of special, heat-resistant synthetic, plain bearing, colour black. Detailed description: Page 333 and 52. **Temperature range from -30°C to +260°C (temporarily up to +280°C).**

Ref. No.	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIXR-VKHT 100G-OF	100	30	100	Plain bearing	125	70	13	36



Variants / Accessories

With heat-resistant grease
-30° C to +260° C


Technical description page


Ref. No. LIXR-VKHT 100G

Available for wheel Ø [mm] Upon request

Series: PHN

Heat-resistant synthetic wheels

 100 - 500 kg

 -50°C to +300°C



Made of phenolic resin, conditionally resistant to water, acids, lyes, greases, mineral oil, alcohol and petrol, smooth running performance on even floors, plain bearing or heat-resistant ball bearing, colour black.

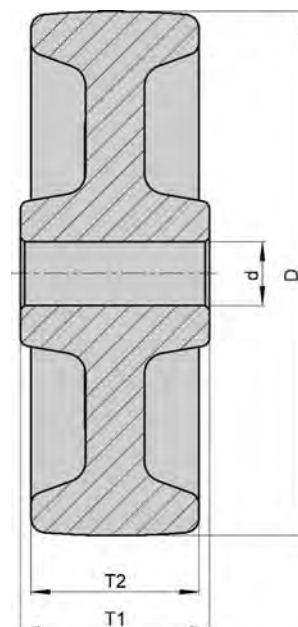
Not suitable for uneven floors (high abrasion) and crossing thresholds.

Detailed description: Page 52.

Wheels

Temperature range from -50°C to +260°C (temporarily up to +300°C).

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PHN 81/12G	80	32	100	Plain bearing	12	35
PHN 80/12G	80	35	100	Plain bearing	12	40
PHN 101/12G	100	30	125	Plain bearing	12	35
PHN 100/12G	100	30	125	Plain bearing	12	45
PHN 102/12G	100	38	200	Plain bearing	12	45
PHN 102/15G	100	38	200	Plain bearing	15	45
PHN 102/15IK	100	38	200	Ball bearing	15	40
PHN 125/12G	125	40	200	Plain bearing	12	45
PHN 125/15G	125	40	200	Plain bearing	15	45
PHN 125/15IK	125	40	200	Ball bearing	15	40
PHN 150/20G	150	50	300	Plain bearing	20	60
PHN 150/20IK	150	50	300	Ball bearing	20	50
PHN 200/20G	200	50	500	Plain bearing	20	60
PHN 200/20IK	200	50	500	Ball bearing	20	50



Variants / Accessories

	Teflon-coated stainless steel axle tube	Teflon-coated stainless steel axle tube
Technical description page	79	79
Ref. No.	XAT 12x37	XAT 12x47
Available for Ref. No.	PHN 81/12G PHN 101/12G	PHN 100+102/12G PHN 125/12G

Castors+Wheels

Series: LI-PHN, BE-PHN, B-PHN
Heat-resistant pressed steel
swivel and fixed castors

 100 - 400 kg  -30°C to +300°C



Brackets: LI/BE/B Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely long service life, heat-resistant grease and adjusted bearing play, Teflon-coated stainless steel axle tube (wheel Ø 80-125 mm, plain bearing version), bolted wheel axle, zinc-plated.

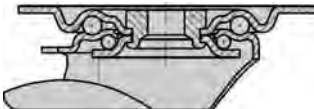
Top plate drawings: Page 71.
Detailed description: Page 69.

Wheels: PHN Series - Made of phenolic resin, conditionally resistant to water, acids, lyes, greases, mineral oil, alcohol and petrol, smooth running behaviour on even floors, plain bearing or heat-resistant ball bearing, colour black.

Not suitable for uneven floors (high abrasion) and crossing thresholds.
Detailed description: Page 338 and 52.

Temperature range from -30°C to +260°C (temporarily up to +300°C).

Swivel castors	Fixed castors	Top plate drawings: Page 71. Detailed description: Page 69.										
		Temperature range from -30°C to +260°C (temporarily up to +300°C).										
Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swvl casto [mm]		
LI-PHN 81G	B-PHN 81G	80	32	100	Plain bearing	102	100 x 85	80 x 60	9	38		
LI-PHN 100G	BE-PHN 100G	100	30	125	Plain bearing	125	100 x 85	80 x 60	9	36		
LI-PHN 102G	BE-PHN 102G	100	38	150	Plain bearing	125	100 x 85	80 x 60	9	36		
LI-PHN 102IK	BE-PHN 102IK	100	38	150	Ball bearing	125	100 x 85	80 x 60	9	36		
LI-PHN 125G	BE-PHN 125G	125	40	150	Plain bearing	150	100 x 85	80 x 60	9	40		
LI-PHN 125IK	BE-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 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	400	Plain bearing	235	140 x 110	105 x 75-80	11	65		
LI-PHN 200IK	B-PHN 200IK	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65		



Series: LIR-PHN

Heat-resistant pressed steel swivel castors with bolt hole fitting

100 - 150 kg

-30°C to +300°C



Brackets: LIR Series - Pressed steel, single bolt hole fitting, double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely long service life, strong central kingpin, heat-resistant grease and adjusted bearing play, with Teflon-coated, stainless steel axle tube (plain bearing version), bolted wheel axle, zinc-plated.

Detailed description: Page 69.

Wheels: PHN Series - Made of phenolic resin, conditionally resistant to water, acids, lyes, greases, mineral oil, alcohol and petrol, smooth running behaviour on even floors, plain bearing or heat-resistant ball bearing, colour black.

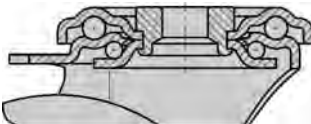
Not suitable for uneven floors (high abrasion) and crossing thresholds.

Detailed description: Page 338 and 52.

Temperature range from -30°C to +260°C (temporarily up to +300°C).

Swivel castors

Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIR-PHN 81G	80	32	100	Plain bearing	102	70	13	38
LIR-PHN 100G	100	30	125	Plain bearing	125	70	13	36
LIR-PHN 102G	100	38	150	Plain bearing	125	70	13	36
LIR-PHN 102IK	100	38	150	Ball bearing	125	70	13	36
LIR-PHN 125G	125	40	150	Plain bearing	150	70	13	40
LIR-PHN 125IK	125	40	150	Ball bearing	150	70	13	40



Series: LIX-PHN, BEX-PHN, BX-PHN

Heat-resistant stainless steel swivel and fixed castors

100 - 400 kg

-30°C to +300°C

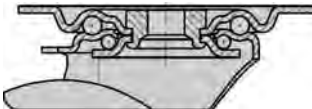


Brackets: LIX/BEX/BX Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, dynamically pressed in accordance with special Blicke procedure resulting in an extremely long service life, heat-resistant grease and adjusted bearing play, Teflon-coated stainless steel axle tube (wheel Ø 80-125 mm) and bolted wheel axle. All metal parts are stainless steel and brackets are vibration-ground finished. Top plate drawings: Page 71. Detailed description: Page 69.

Wheels: PHN Series - Made of phenolic resin, conditionally resistant to water, acids, lyes, greases, mineral oil, alcohol and petrol, smooth running behaviour on even floors, plain bearing, colour black.
Not suitable for uneven floors (high abrasion) and crossing thresholds.
Detailed description: Page 338 and 52.

Temperature range from -30°C to +260°C (temporarily up to +300°C).

Swivel castors	Fixed castors	stainless steel and brackets are vibration-ground finished. Top plate drawings: Page 71. Detailed description: Page 69.					temperature range from -30 °C to +260 °C (temporarily up to +300°C).				
		Wheel Ø	Wheel width	Load capacity	Bearing version	Total height	Plate size	Bolt hole spacing	Bolt hole Ø	Offset swivel castor	
Ref. No.	Ref. No.	[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	[mm]	
LIX-PHN 81G	BEX-PHN 81G	80	32	100	Plain bearing	102	100 x 85	80 x 60	9	38	
LIX-PHN 100G	BEX-PHN 100G	100	30	125	Plain bearing	125	100 x 85	80 x 60	9	36	
LIX-PHN 102G	BEX-PHN 102G	100	38	150	Plain bearing	125	100 x 85	80 x 60	9	36	
LIX-PHN 125G	BEX-PHN 125G	125	40	150	Plain bearing	150	100 x 85	80 x 60	9	40	
LIX-PHN 150G	BX-PHN 150G	150	50	300	Plain bearing	190	140 x 110	105 x 75-80	11	60	
LIX-PHN 200G	BX-PHN 200G	200	50	400	Plain bearing	235	140 x 110	105 x 75-80	11	65	



Variants / Accessories

Swivel head without grease, very smooth running performance*

Technical description page	
Ref. No. extension	-OF
Available for wheel Ø [mm]	100

* Ideal for oven racks

Series: LIXR-PHN

Heat-resistant stainless steel swivel castors with bolt hole fitting

100 - 150 kg

-30°C to +300°C



Swivel castors

Brackets: LIXR Series - Pressed from high-quality, chromium-nickel stainless steel (material No. 1.4301/AISI 304), single bolt hole fitting, double ball bearing in the swivel head, dynamically pressed in accordance with special Bickie procedure resulting in an extremely long service life, strong central kingpin, heat-resistant grease and adjusted swivel head play, Teflon-coated stainless steel axle tube. All metal parts are stainless steel and brackets are vibration-ground finished.

Detailed description: Page 69.

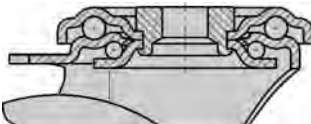
Wheels: PHN Series - Made of phenolic resin, conditionally resistant to water, acids, lyes, greases, mineral oil, alcohol and petrol, smooth running behaviour on even floors, plain bearing, colour black.

Not suitable for uneven floors (high abrasion) and crossing thresholds.

Detailed description: Page 338 and 52.

Temperature range from -30°C to +260°C (temporarily up to +300°C).

Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIXR-PHN 81G	80	32	100	Plain bearing	102	70	13	38
LIXR-PHN 100G	100	30	125	Plain bearing	125	70	13	36
LIXR-PHN 102G	100	38	150	Plain bearing	125	70	13	36
LIXR-PHN 125G	125	40	150	Plain bearing	150	70	13	40



Variants / Accessories

Swivel head without grease, very smooth running performance*

Technical description page	
Ref. No. extension	-OF
Available for wheel Ø [mm]	100

* Ideal for oven racks

Series: G
Cast iron wheels

130 - 1400 kg

-100°C to +600°C



Made of grey cast iron, very rugged, machined tread and tread edges, high abrasion resistance, low rolling resistance, insensitive to metal swarf, grease nipple, plain or heat-resistant ball bearing. Lacquered - colour silver. Detailed description: Page 49

Plain bearing versions must be regularly lubricated.

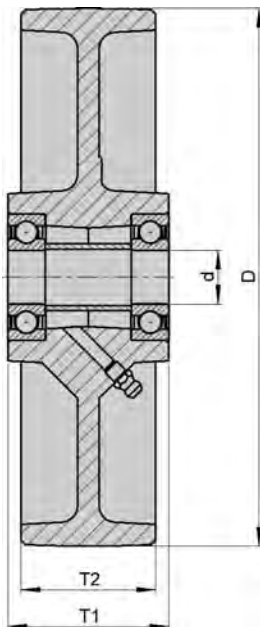
For application in extreme temperature ranges:

Plain bearing version:
-100°C to +600°C, for load capacity reduction, refer to the table, lubrication with high temperature grease.

Heat-resistant ball bearing version (oven bearing):
-50°C to +300°C, for load capacity reduction, refer to the table.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load cap. at +20° C [kg]	Load cap. at +300° C [kg]	Load cap. at +600° C [kg]	Bearing version	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
G 80/12G	80	25	250	200	130	Plain bearing	12	35
G 100/15G	100	35	400	320	220	Plain bearing	15	45
G 125/15G	125	35	450	360	250	Plain bearing	15	45
G 127/20G	125	50	750	600	430	Plain bearing	20	60
G 127/20IK	125	50	750	370	-	Ball bearing	20	60
G 150/20G	150	50	900	720	520	Plain bearing	20	60
G 150/20IK	150	50	900	450	-	Ball bearing	20	60
G 200/20G	200	50	1100	880	630	Plain bearing	20	60
G 200/20IK	200	50	1000	500	-	Ball bearing	20	60
G 250/25G	250	60	1400	1100	800	Plain bearing	25	65
G 250/25IK	250	60	1300	650	-	Ball bearing	25	70



Series: LI-G, BE-G, B-G

Heat-resistant pressed steel
swivel and fixed castors

150 - 400 kg

-30°C to +300°C



Brackets: LI/BE/B Series - Pressed steel, swivel bracket with double ball bearing in the swivel head, dynamically pressed in accordance with special Blickle procedure resulting in an extremely long service life, heat-resistant grease and adjusted bearing play, bolted wheel axle, zinc-plated.
Top plate drawings: Page 71.
Detailed description: Page 69.

Wheels: G Series - Made of grey cast iron, very rugged, machined tread and tread edges, high abrasion resistance, low rolling resistance, insensitive to metal swarf, grease nipple, plain bearing, regular lubrication with high temperature grease required.
Lacquered - colour silver.
Detailed description: Page 343 and 49.

Temperature range from -30°C to +270°C (temporarily up to +300°C).

Swivel castors	Fixed castors	Detailed description: Page 69.						Temperature range from -30 °C to +270 °C (temporarily up to +300°C).			
		Ref. No.	Ref. No.	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing version	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]
LI-G 80G	B-G 80G		80	25	150	Plain bearing	102	100 x 85	80 x 60	9	38
LI-G 100G	BE-G 100G		100	35	150	Plain bearing	125	100 x 85	80 x 60	9	36
LI-G 125G	BE-G 125G		125	35	150	Plain bearing	150	100 x 85	80 x 60	9	40
LI-G 150G	B-G 150G		150	50	400	Plain bearing	190	140 x 110	105 x 75-80	11	60
LI-G 200G	B-G 200G		200	50	400	Plain bearing	235	140 x 110	105 x 75-80	11	65



Contents: Section 20

Wheel series

Swivel bracket series (combined with the respective wheel series)
For matching fixed castors, refer to the corresponding catalogue pages.


		LHF	LPFE	LSFN	LSFE	LSFT				
	ALEV									
	Series	ALEV		LHF-ALEV	LPFE-ALEV					
	Wheel Ø [mm]	100 - 250 mm		100 - 200 mm	100 - 125 mm					
	Load capacity [kg]	180 - 550 kg		180 - 450 kg	180 - 250 kg					
	Page	161	348	349						
	SE									
	Series	SE		LSFN-SE	LSFE-SE					
	Wheel Ø [mm]	100 - 415 mm		160 - 300 mm	160 - 250 mm					
	Load capacity [kg]	180 - 1150 kg		400 - 900 kg	400 - 850 kg					
	Page	168		350	351					
	ALTH									
	Series	ALTH		LHF-ALTH	LPFE-ALTH					
	Wheel Ø [mm]	80 - 250 mm		100 - 200 mm	100 - 125 mm					
	Load capacity [kg]	180 - 1000 kg		350 - 800 kg	350 kg					
	Page	218	352	353						
	GTH/STH									
	Series	GTH/STH		LSFN-GTH	LSFE-GTH					
	Wheel Ø [mm]	100 - 600 mm		160 - 300 mm	160 - 250 mm					
	Load capacity [kg]	350 - 8000 kg		750 - 2000 kg	750 - 1800 kg					
	Page	228 - 229		354	355					
	GSPO									
	Series	GSPO				LSFT-GSPO				
	Wheel Ø [mm]	80 - 400 mm				200 - 250 mm				
	Load capacity [kg]	1000 - 12000 kg				5000 - 6000 kg				
	Page	272				356				



Spring-loaded heavy duty castors

Series: LHF-ALEV, BHF-ALEV

Spring-loaded pressed steel swivel and fixed castors, heavy duty brackets

 180 - 450 kg



Brackets: LHF/BHF Series - Pressed from sheet-steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, with double ball bearing in the swivel head. **Additionally reinforced by the integration of four hardened bearing seats resulting in a particular high shock and impact-resistance.**

Sturdy spring-hinged plate construction, maintenance-free spring-hinged plate bearing, bolted wheel axle, zinc-plated.

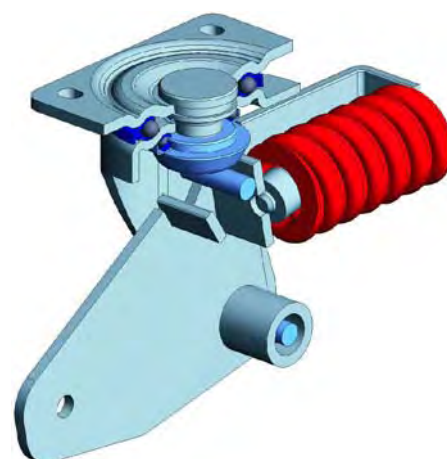
Top plate drawings: Page 71.
Detailed description: Page 65.

Wheels: ALEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance. Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium. Detailed description: Page 161 and 37.

Swivel castors

Fixed castors

Ref. No.	Ref. No.	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	180	200	30	19	175	100 x 85	80 x 60	9	32
LHF-ALEV 100K-3	BHF-ALEV 100K-3	100	40	180	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	350	400	50	25	245	140 x 110	105 x 75-80	11	65
LHF-ALEV 200K	BHF-ALEV 200K	200	50	450	400	50	25	265	140 x 110	105 x 75-80	11	65



Variants / Accessories

	With non-marking grey tyre	Antistatic version, black tyre	With sealing + grease nipple in the swivel head
Technical description page	37	37	65
Ref. No. extension	-SG	-EL	-DN
Available for wheel Ø [mm]	All sizes	Upon request	Upon request

Series: LPFE-ALEV, BPFE-ALEV

Spring-loaded heavy duty
swivel and fixed castors

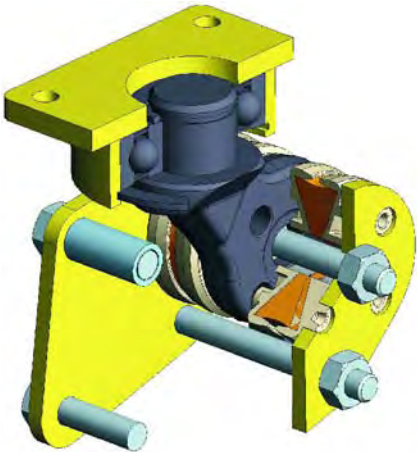
180 - 250 kg



Brackets: LPFE/BPFE Series - Heavy steel construction, swivel bracket with sealed grooved ball bearing in the swivel head, extra strong forged fork, patented Woodruff key construction, excellent spring-damping characteristics, compact design, bolted wheel axle, zinc-plated - yellow passivated.
Top plate drawings: Page 71.
Detailed description: Page 65.

Wheels: ALEV Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance.
Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium, pressed steel thread guard, zinc-plated.
Detailed description: Page 161 and 37.

Swivel castors		Fixed castors										
Ref. No.	Ref. No.	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	180	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




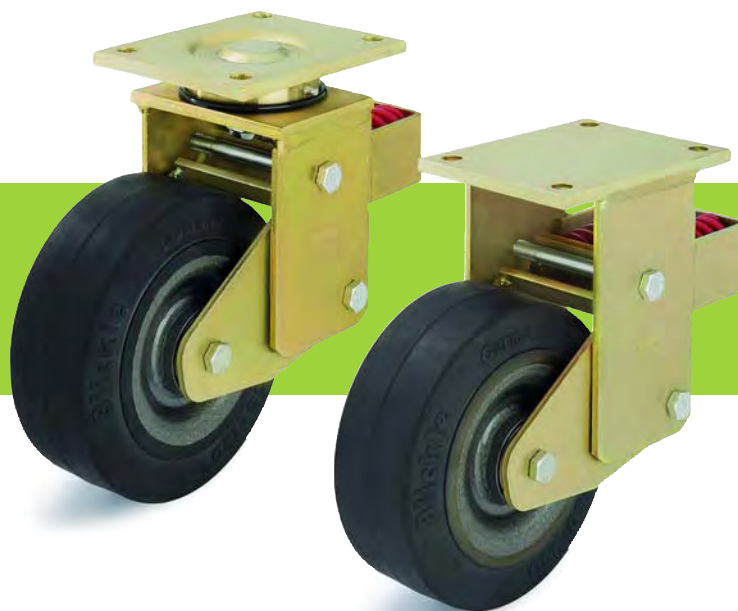
Variants / Accessories

	With non-marking grey tyre	Antistatic version, black tyre
Technical description page	37	37
Ref. No. extension	-SG	-EL
Available for wheel Ø [mm]	All sizes	Upon request

Series: LSFN-SE, BSFN-SE

Spring-loaded welded steel heavy duty swivel and fixed castors, extra strong swivel head design

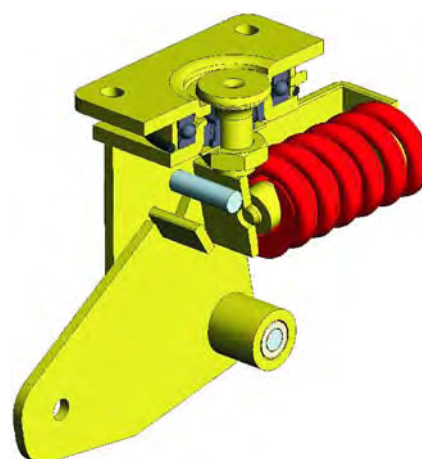
 400 - 900 kg



Brackets: LSFN/BSFN Series - Very 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, welded very strong, bolted and secured central kingpin, very strong fork, spring-hinged plate and spring assembly design, maintenance-free spring-hinged plate bearing, bolted wheel axle.
Wheel Ø 160-250: Zinc-plated - yellow passivated.
Wheel Ø 300: Lacquered - colour silver.
Top plate drawings: Page 71 and 72.
Detailed description: Page 65.

Wheels: SE Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance. Wheel centres: Strong welded steel construction with double-welded tubular steel hub, ball bearing. Lacquered - colour anthracite.
This special Bickie wheel centre construction is characterised by its particularly high stability as well as its elegant and smooth design.
Detailed description: Page 168 and 37.

Swivel castors		Fixed castors										
Ref. No.	Ref. No.	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	400	400	50	25	245	140 x 110	105 x 75-80	11	100
LSFN-SE 200K	BSFN-SE 200K	200	50	500	400	50	25	265	140 x 110	105 x 75-80	11	100
LSFN-SE 202K	BSFN-SE 202K	200	80	700	570	75	25	275	175 x 140	140 x 105	14	100
LSFN-SE 250K	BSFN-SE 250K	250	60	700	570	75	25	315	175 x 140	140 x 105	14	120
LSFN-SE 252K	BSFN-SE 252K	250	80	850	750	100	25	315	175 x 140	140 x 105	14	120
LSFN-SE 300K	BSFN-SE 300K	300	75	900	850	100	45	395	200 x 160	160 x 120	14	120




Variants / Accessories

	With non-marking grey tyre	With directional lock
Technical description page	37	78
Ref. No. extension	-SG	
Available for wheel Ø [mm]	160 - 200	Upon request

Castors+Wheels

Series: LSFE-SE, BSFE-SE

Spring-loaded welded steel heavy duty swivel and fixed castors, extra strong swivel head design

 400 - 850 kg



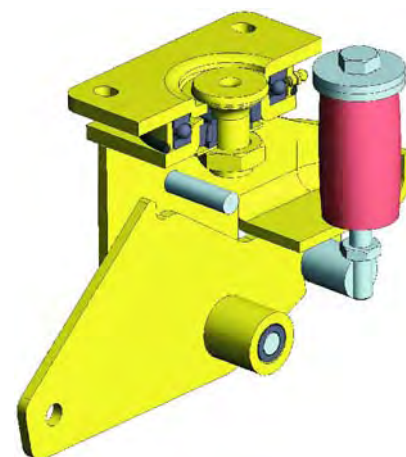
Swivel castors

Fixed castors

Brackets: LSFE/BSFE Series - Heavy 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, welded very strong, bolted and secured central kingpin. Very strong fork, spring-hinged plate and elastomer spring element design. **The spring characteristics are adjustable by a simple elastomer spring replacement.** Maintenance-free spring-hinged plate bearing, bolted wheel axle, zinc-plated - yellow passivated. Top plate drawings: Page 71 and 72. Detailed description: Page 66.

Wheels: SE Series - Tyres: Elastic solid rubber, smooth rolling quality, colour black, 65° shore A, vulcanised, non-detachable connection, low rolling resistance. Wheel centres: Strong welded steel construction with double-welded tubular steel hub, ball bearing. Lacquered - colour anthracite. **This special Bickler wheel centre construction is characterised by its particularly high stability as well as its elegant and smooth design.** Detailed description: Page 168 and 37.

Ref. No.	Ref. No.	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	400	300	50	25	245	140 x 110	105 x 75-80	11	100
LSFE-SE 200K	BSFE-SE 200K	200	50	500	500	50	25	265	140 x 110	105 x 75-80	11	100
LSFE-SE 202K	BSFE-SE 202K	200	80	700	700	100	25	275	175 x 140	140 x 105	14	100
LSFE-SE 250K	BSFE-SE 250K	250	50	700	700	100	25	315	175 x 140	140 x 105	14	120
LSFE-SE 252K	BSFE-SE 252K	250	80	850	700	100	25	315	175 x 140	140 x 105	14	120




Variants / Accessories

	With non-marking grey tyre	With "Radstop" wheel brake	With directional lock	Alternative spring tension
Technical description page	37	78	78	
Ref. No. extension	-SG	-RA		
Available for wheel Ø [mm]	160 - 200	Upon request	Upon request	Upon request

Series: LHF-ALTH, BHF-ALTH

Spring-loaded pressed steel swivel and fixed castors, heavy duty brackets

 350 - 800 kg



Brackets: LHF/BHF Series - Pressed from sheet-steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, with double ball bearing in the swivel head. **Additionally reinforced by the integration of four hardened bearing seats resulting in a particular high shock and impact-resistance.**

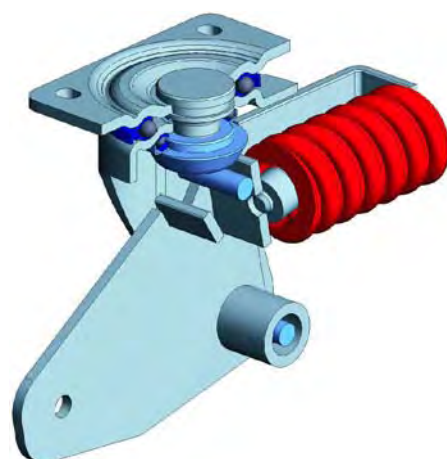
Sturdy spring-hinged plate construction, maintenance-free spring-hinged plate bearing, bolted wheel axle, zinc-plated.

Top plate drawings: Page 71.
Detailed description: Page 65.

Wheels: ALTH Series - Treads: Made of Bickkle Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium, pressed steel thread guard, zinc-plated (for wheel Ø of 100+125 mm).
Detailed description: Page 218 and 44.

Swivel castors		Fixed castors										
Ref. No.	Ref. No.	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



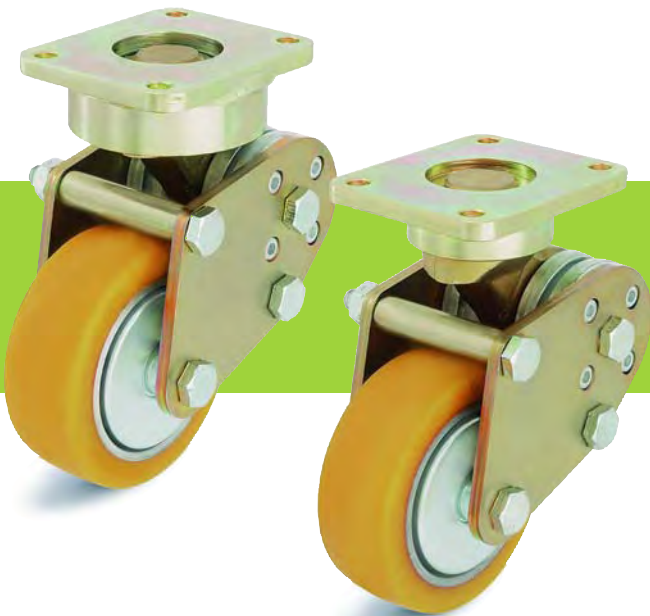
20 Variants / Accessories

	With sealing + grease nipple in the swivel head
Technical description page	65
Ref. No. extension	-DN
Available for wheel Ø [mm]	Upon request

Series: LPFE-ALTH, BPFE-ALTH

Spring-loaded heavy duty
swivel and fixed castors

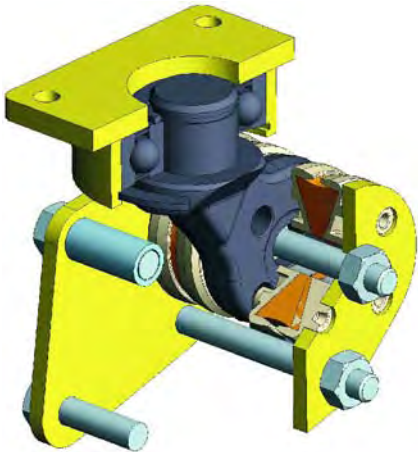
 350 kg



Brackets: LPFE/BPFE Series - Heavy steel construction, swivel bracket with sealed grooved ball bearing in the swivel head, extra strong forged fork, patented Woodruff key construction, excellent spring-damping characteristics, compact design, bolted wheel axle, zinc-plated - yellow passivated.
Top plate drawings: Page 71.
Detailed description: Page 65.

Wheels: ALTH Series - Treads: Made of Blicke Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.
Wheel centres: Made of aluminium die-cast, corrosion-resistant, ball bearing, colour aluminium, pressed steel thread guard, zinc-plated.
Detailed description: Page 218 and 44.

Swivel castors		Fixed castors										
Ref. No.	Ref. No.	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



Further information on the Internet: www.blickle.de

Series: LSFN-GTH, BSFN-GTH

Spring-loaded welded steel heavy duty swivel and fixed castors, extra strong swivel head design

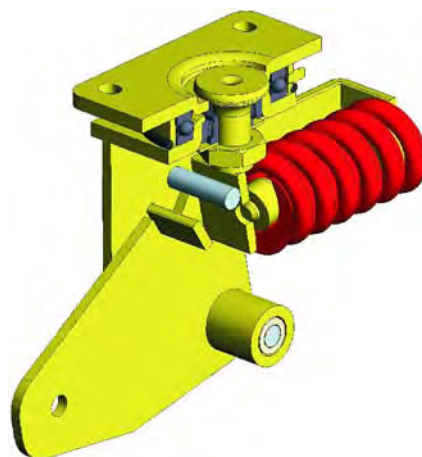
 750 - 2000 kg



Brackets: LSFN/BSFN Series - Very 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, welded very strong, bolted and secured central kingpin, very strong fork, spring-hinged plate and spring assembly design, maintenance-free spring-hinged plate bearing, bolted wheel axle.
Wheel Ø 160-250x60: Zinc-plated - yellow passivated.
Wheel Ø 250x80+300: Lacquered - colour silver.
Top plate drawings: Page 71 and 72.
Detailed description: Page 65.

Wheels: GTH Series - Treads: Made of Bickie Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.
Wheel centres: Made of grey cast iron, very rugged, ball bearing, grease nipple.
Lacquered - colour silver.
Detailed description: Page 228, 229 and 45.

Swivel castors	Fixed castors	Wheel Ø 160-250x60: Zinc-plated - yellow passivated. Wheel Ø 250x80+300: Lacquered - colour silver. Top plate drawings: Page 71 and 72. Detailed description: Page 65.						Lacquered - colour silver. Detailed description: Page 228, 229 and 45.				
Ref. No.	Ref. No.	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	750	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	1400	750	100	25	275	175 x 140	140 x 105	14	100
LSFN-GTH 250K	BSFN-GTH 250K	250	60	1350	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	2000	1000	150	45	395	200 x 160	160 x 120	14	120
LSFN-GTH 302K-F30	BSFN-GTH 302K-F30	300	80	2000	1500	150	30	395	200 x 160	160 x 120	14	120



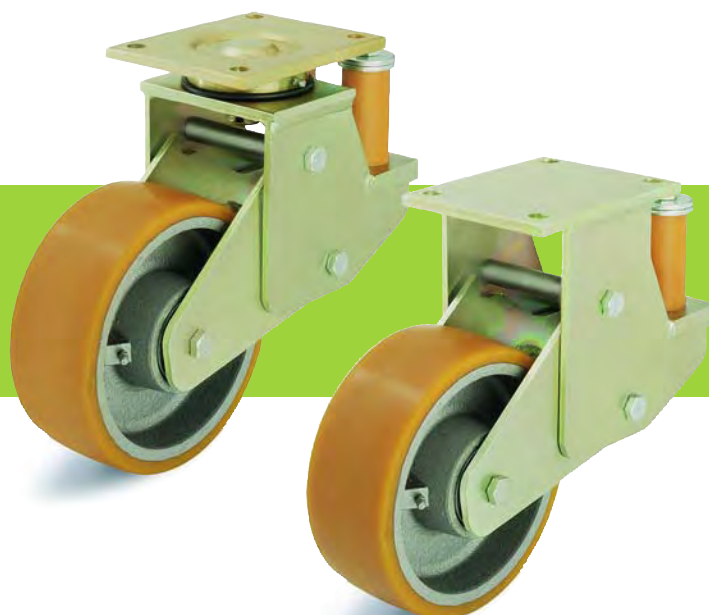
Variants / Accessories

	With directional lock
Technical description page	78
Ref. No. extension	
Available for wheel Ø [mm]	Upon request

Series: LSFE-GTH, BSFE-GTH

Spring-loaded welded steel heavy duty swivel and fixed castors, extra strong swivel head design

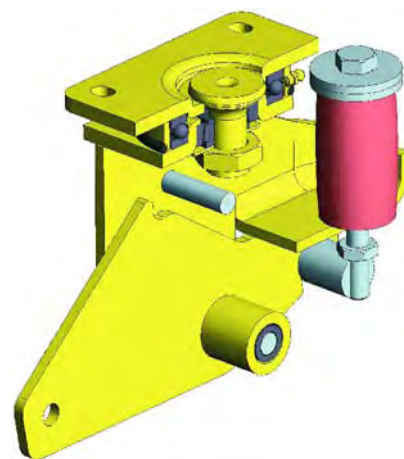
 750 - 1800 kg



Brackets: LSFE/BSFE Series - Heavy 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, welded very strong, bolted and secured central kingpin. Very strong fork, spring-hinged plate and elastomer spring element design. **The spring characteristics are adjustable by a simple elastomer spring replacement.** Maintenance-free spring-hinged plate bearing, bolted wheel axle, zinc-plated - yellow passivated. Top plate drawings: Page 71 and 72. Detailed description: Page 66.

Wheels: GTH Series - Treads: Made of Bickler Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre. Wheel centres: Made of grey cast iron, very rugged, ball bearing, grease nipple. Lacquered - colour silver. Detailed description: Page 228 and 45.

Swivel castors	Fixed castors	Maintenance-free spring-hinged plate bearing, bolted wheel axle, zinc-plated - yellow passivated. Top plate drawings: Page 71 and 72. Detailed description: Page 66.								Lacquered - colour silver. Detailed description: Page 228 and 45.			
		Ref. No.	Ref. No.	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]
LSFE-GTH 160K	BSFE-GTH 160K	160	50	750	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	1400	850	150	25	275	175 x 140	140 x 105	14		100
LSFE-GTH 250K	BSFE-GTH 250K	250	60	1350	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



Variants / Accessories



	With "Radstop" wheel brake	With directional lock	Alternative spring tension
Technical description page	78	78	
Ref. No. extension	-RA		
Available for wheel Ø [mm]	Upon request	Upon request	Upon request

Series: LSFT-GSP0

Spring-loaded welded steel
extra heavy duty swivel castors

5000 - 6000 kg

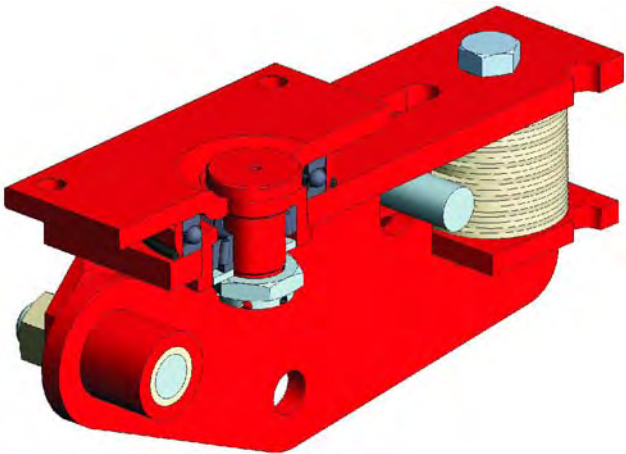


Swivel castors

Ref. No.	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]
LSFT-GSP0 203PR	200	100	5000	7500	5000	4	272	255 x 200	210 x 160	18	94
LSFT-GSP0 252PR	250	80	6000	7500	5000	4	330	255 x 200	210 x 160	18	88

Brackets: LSFT Series - Very strong welded steel construction, with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, fitted grease nipple, welded very strong, bolted and secured central kingpin, highly impact-resistant spring-hinged plate construction with double disk spring assembly, dimensioned in accordance with high safety aspects, bolted wheel axle, lacquered - colour red.
Top plate drawings: Page 72.
Detailed description: Page 66.

Wheels: GSP0 Series - Made of hard and tough, highly compressed cast nylon with extremely high load capacity, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, spherical roller bearing, colour natural beige.
Detailed description: Page 272 and 48.





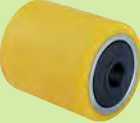


Variants / Accessories

	Alternative spring tension	Further dimensions
Technical description page		
Ref. No. extension		
Available for wheel Ø [mm]	Upon request	Upon request



Contents: Section 21

Wheel series

 <div>HTH Series HTH Wheel Ø [mm] 60 - 90 mm Load capacity [kg] 180 - 850 kg Page 360 - 362</div>									
 <div>ALTH/VSTH/GTH Series ALTH/VSTH/GTH Wheel Ø [mm] 100 - 180 mm Load capacity [kg] 350 - 1050 kg Page 363</div>									
 <div>HTHW Series HTHW Wheel Ø [mm] 82 - 85 mm Load capacity [kg] 440 - 840 kg Page 364 - 366</div>									
 <div>HPO Series HPO Wheel Ø [mm] 80 - 82 mm Load capacity [kg] 600 - 1100 kg Page 367 - 368</div>									
 <div>ALEV/ALTH/PO Series ALEV/ALTH/PO Wheel Ø [mm] 180 - 200 mm Load capacity [kg] 450 - 800 kg Page 369</div>									

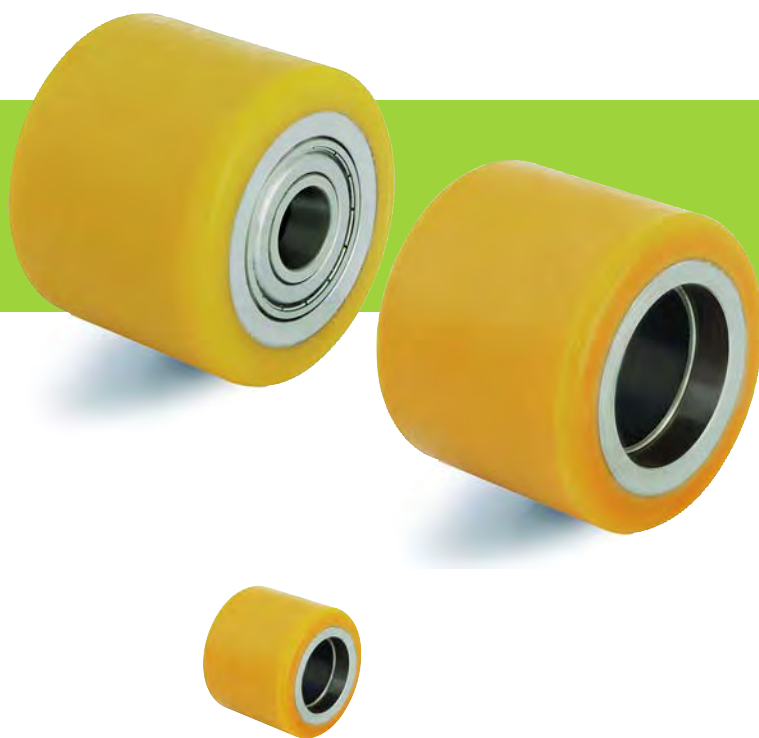


Rollers and wheels for pallet trucks

Series: HTH, dimensions 60x35 - 82x62 mm

Rollers for pallet trucks with Blickle Extrathane® polyurethane tread, steel wheel centre

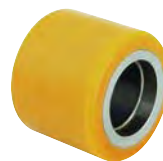
180 - 680 kg



Treads: Made of Blickle Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

Wheel centres: Tubular steel, supplied with and without ball bearing.

Detailed description: Page 53.



Rollers for pallet trucks with ball bearing

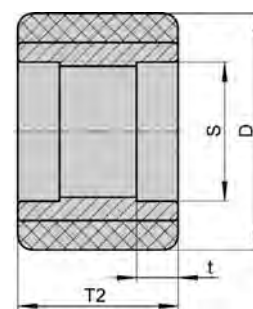
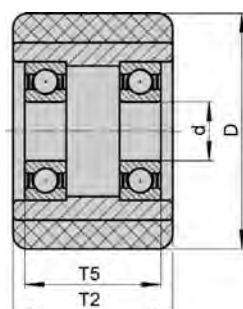
Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]	Ball bearing
HTH 60x35/15-35K	60	35	15	35	6002 ZZ
HTH 60x60/10-56K	60	60	10	56	6200 ZZ
HTH 75x40/20-40K	75	40	20	39,6	6204 ZZ
HTH 75x62/20-62K	75	62	20	62	6204 ZZ
HTH 75x75/20-75K	75	75	20	75	6204 ZZ
HTH 75x95/20-95K	75	95	20	94,6	6204 ZZ
HTH 80x40/20-40K	80	40	20	39,6	6204 ZZ
HTH 80x54/20-54K	80	54	20	54	6204 ZZ
HTH 80x54/20-60K	80	54	20	60	6204 ZZV
HTH 80x54/20-59K	80	54	20	59	6204 ZZV
HTH 80x56/20-56K	80	56	20	56	6204 ZZ
HTH 80x62/20-54K	80	62	20	54	6204 ZZ
HTH 80x70/20-60K	80	70	20	60	6204 ZZ
HTH 80x70/20-70K	80	70	20	70	6204 ZZ
HTH 80x74/20-68K	80	74	20	68	6004 ZZ
HTH 80x80/20-80K	80	80	20	80	6204 ZZ
HTH 80x95/20-89K	80	95	20	89	6004 ZZ
HTH 82x28/12-26K	82	28	12	25,6	6201 ZZ
HTH 82x34/12-32K	82	34	12	31,6	6201 ZZ
HTH 82x50/20-52K	82	50	20	52	6204 ZZ
HTH 82x55/17-55K	82	55	17	55	6303 ZZ
HTH 82x60/20-56K	82	60	20	56	6204 ZZ
HTH 82x60/20-60K	82	60	20	60	6204 ZZ
HTH 82x60/25-60K	82	60	25	60	6005 ZZ
HTH 82x60/20-62K	82	60	20	62	6204 ZZ
HTH 82x60/25-52K	82	60	25	52	6205 ZZ
HTH 82x62/20-57K	82	62	20	57	6204 ZZ
HTH 82x62/20-64K	82	62	20	64	6204 ZZ
HTH 82x62/20-65K	82	62	20	65,2	6204 ZZV

Rollers for pallet trucks without ball bearing

Ref. No.	Bearing seat Ø (S) [mm]	Bearing seat depth (t) [mm]	Load capacity [kg]
RK-HTH 60x35/32x9	32	9	180
RK-HTH 60x60/30x11	30	11	320
RK-HTH 75x40/47x14	47	14,2	270
RK-HTH 75x62/47x14	47	14	410
RK-HTH 75x75/47x14	47	14	500
RK-HTH 75x95/47x14	47	14,2	640
RK-HTH 80x40/47x14	47	14,2	280
RK-HTH 80x54/47x14	47	14	380
RK-HTH 80x54/47x13	47	12,5	380
RK-HTH 80x56/47x14	47	14	400
RK-HTH 80x62/47x18	47	18	440
RK-HTH 80x70/47x19	47	19	500
RK-HTH 80x70/47x14	47	14	500
RK-HTH 80x74/42x14*	42	14	530
RK-HTH 80x80/47x14	47	14	570
RK-HTH 80x95/42x14*	42	14	680
RK-HTH 82x28/32x11	32	11,2	200
RK-HTH 82x34/32x11	32	11,2	250
RK-HTH 82x50/47x13	47	13	360
RK-HTH 82x55/47x14	47	14	400
RK-HTH 82x60/47x16	47	16	440
RK-HTH 82x60/47x14	47	14	440
RK-HTH 82x60/47x13	47	13	440
RK-HTH 82x60/52x19	52	19	440
RK-HTH 82x62/47x17	47	16,5	450
RK-HTH 82x62/47x13	47	13	450
RK-HTH 82x62/47x14	47	13,4	450

* Hub reset.

For further dimensions, refer to the following page.



Variants / Accessories

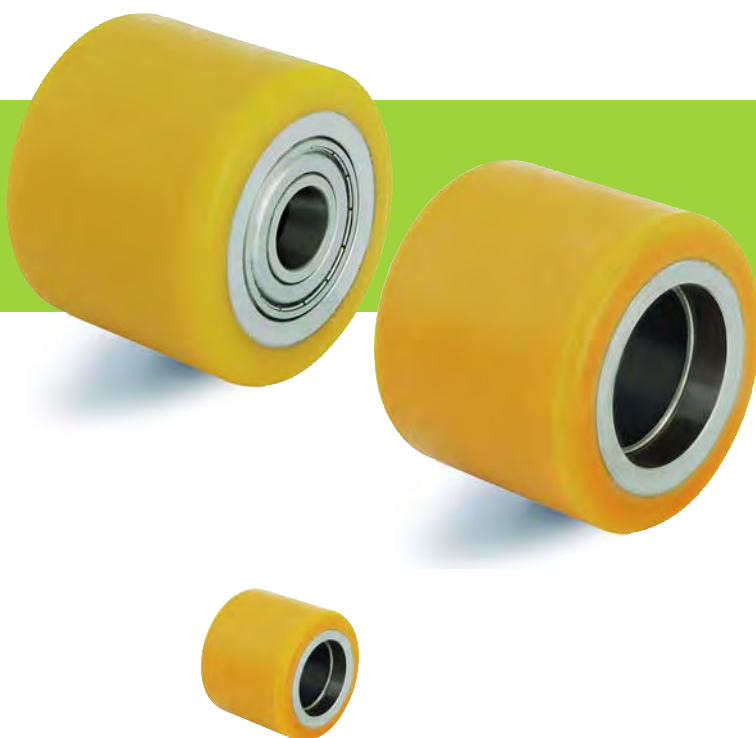
Further dimensions upon request

Splash and pressure washing protected version on page 364-366

Series: HTH, dimensions 82x65 - 85x75 mm

Rollers for pallet trucks with Blicke Extrathane® polyurethane tread, steel wheel centre

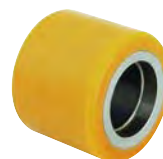
450 - 850 kg



Treads: Made of Blicke Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

Wheel centres: Tubular steel, supplied with and without ball bearing.

Detailed description: Page 53.



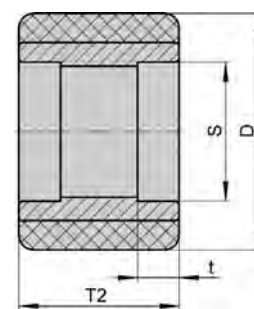
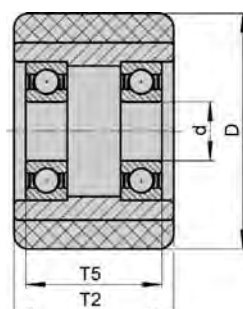
Rollers for pallet trucks with ball bearing

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]	Ball bearing
HTH 82x65/20-63K	82	65	20	63	6204 ZZ
HTH 82x65/20-65K	82	65	20	65	6204 ZZ
HTH 82x70/20-62K	82	70	20	62	6204 ZZ
HTH 82x70/20-66K	82	70	20	66	6204 ZZ
HTH 82x70/20-70K	82	70	20	70	6204 ZZ
HTH 82x70/20-72K	82	70	20	72	6204 ZZV
HTH 82x70/20-76K	82	70	20	76	6204 ZZV
HTH 82x72/20-72K	82	72	20	72	6204 ZZ
HTH 82x72/20-74K	82	72	20	74	6204 ZZV
HTH 82x72/20-78K	82	72	20	78	6204 ZZV
HTH 82x80/20-80K	82	80	20	80	6204 ZZ
HTH 82x90/20-90K	82	90	20	90	6204 ZZ
HTH 82x96/20-98K	82	96	20	98	MIC6205ZZ
HTH 82x98/20-98K	82	98	20	98	6204 ZZ
HTH 82x100/20-96K	82	100	20	96	6204 ZZ
HTH 82x100/20-100K	82	100	20	100	6204 ZZ
HTH 82x100/20-104K	82	100	20	104	6204 ZZV
HTH 83x83/25-83K	83	83	25	83	6205 ZZ
HTH 83x115/30-114K	83	115	30	114	6206 ZZ
HTH 84x74/17-78K	84	74	17	78	BT 22053
HTH 85x60/17-60K	85	60	17	60	6303 ZZ
HTH 85x60/20-60K	85	60	20	60	6204 ZZ
HTH 85x65/20-65K	85	65	20	65	6204 ZZ
HTH 85x70/17-62K	85	70	17	62	6303 ZZ
HTH 85x70/17-70K	85	70	17	70	6303 ZZ
HTH 85x70/20-70K	85	70	20	70	6204 ZZ
HTH 85x75/17-75K	85	75	17	75	6303 ZZ
HTH 85x75/20-75K	85	75	20	75	6204 ZZ
HTH 85x75/25-75K	85	75	25	75	6005 ZZ
HTH 85x75/20-51K	85	75	20	51	6004 ZZ

Rollers for pallet trucks without ball bearing

Ref. No.	Bearing seat Ø (S) [mm]	Bearing seat depth (t) [mm]	Load capacity [kg]
RK-HTH 82x65/47x15	47	15	470
RK-HTH 82x65/47x14	47	14	470
RK-HTH 82x70/47x18	47	18	510
RK-HTH 82x70/47x16	47	16	510
RK-HTH 82x70/47x14	47	14	510
RK-HTH 82x70/47x12	47	12	510
RK-HTH 82x72/47x14	47	14	530
RK-HTH 82x80/47x14	47	14	580
RK-HTH 82x90/47x14	47	14	660
RK-HTH 82x96/52x15	52	15	700
RK-HTH 82x98/47x14	47	14	720
RK-HTH 82x100/47x16	47	16	730
RK-HTH 82x100/47x14	47	14	730
RK-HTH 83x83/52x15	52	15	620
RK-HTH 83x115/62x17	62	16,5	850
RK-HTH 84x74/42x23	42	23	550
RK-HTH 85x60/47x14	47	14	450
RK-HTH 85x65/47x14	47	14	490
RK-HTH 85x70/47x18	47	18	530
RK-HTH 85x70/47x14	47	14	530
RK-HTH 85x75/47x14	47	14	570
RK-HTH 85x75/42x24	42	24	570

For further dimensions, refer to the following page.



Variants / Accessories

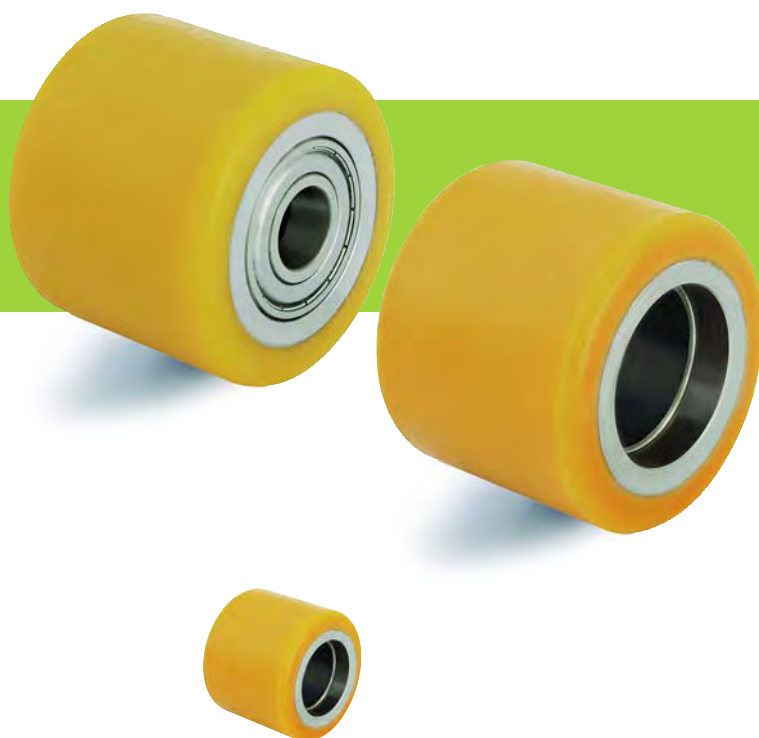
Further dimensions upon request

Splash and pressure washing protected version on page 364-366

Series: HTH, dimensions 85x75 - 90x50 mm

Rollers for pallet trucks with Blickle Extrathane® polyurethane tread, steel wheel centre

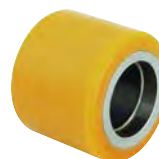
 340 - 840 kg



Treads: Made of Blickle Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

Wheel centres: Tubular steel, supplied with and without ball bearing.

Detailed description: Page 53.



Rollers for pallet trucks with ball bearing

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]	Ball bearing
HTH 85x75/20-77K	85	75	20	77	6204 ZZV
HTH 85x75/20-79K	85	75	20	79	6204 ZZV
HTH 85x78/20-78K	85	78	20	78	6204 ZZ
HTH 85x80/20-80K	85	80	20	80	6204 ZZ
HTH 85x80/25-80K	85	80	25	80	6005 ZZ
HTH 85x80/20-84K	85	80	20	84	6204 ZZV
HTH 85x80/25-74K	85	80	25	74	6205 ZZ
HTH 85x85/17-67K	85	85	17	67	6203 ZZ
HTH 85x85/20-85K	85	85	20	85	6204 ZZ
HTH 85x87/17-69K	85	86,5	17	68,5	6203 ZZ
HTH 85x87/17-89K	85	86,5	17	88,5	6303 ZZ
HTH 85x90/17-82K	85	90	17	82	6303 ZZ
HTH 85x90/17-90K	85	90	17	90	6303 ZZ
HTH 85x90/20-90K	85	90	20	90	6204 ZZ
HTH 85x90/20-92K	85	90	20	92	6204 ZZV
HTH 85x90/20-83K	85	90	20	83	6204 ZZ
HTH 85x95/20-94K	85	95	20	94,4	6204 ZZ
HTH 85x100/17-100K	85	100	17	100	6303 ZZ
HTH 85x100/20-100K	85	100	20	100	6204 ZZ
HTH 85x100/20-102K	85	100	20	102	6204 ZZV
HTH 85x100/25-100K	85	100	25	100	6005 ZZ
HTH 85x100/20-98K	85	100	20	98	6204 ZZ
HTH 85x100/20-104K	85	100	20	104	6204 ZZV
HTH 85x110/25-110K	85	110	25	110	6005 ZZ
HTH 86x99/17-103K	86	99	17	103	BT 22053
HTH 90x42/20-40K	90	42	20	40	6204 ZZ
HTH 90x50/20-48K	90	50	20	48	6204 ZZ

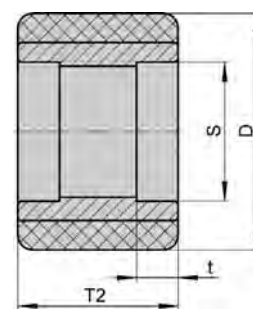
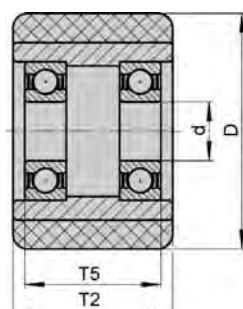
Rollers for pallet trucks without ball bearing

Ref. No.	Bearing seat Ø (S) [mm]	Bearing seat depth (t) [mm]	Load capacity [kg]
RK-HTH 85x75/47x15	47	15	570
RK-HTH 85x78/47x14	47	14	590
RK-HTH 85x80/47x14	47	14	610
RK-HTH 85x80/47x15	47	15	610
RK-HTH 85x80/52x18	52	18	610
RK-HTH 85x85/40x21	40	21	650
RK-HTH 85x85/47x14	47	14	650
RK-HTH 85x87/40x21	40	21	660
RK-HTH 85x87/47x14	47	14	660
RK-HTH 85x90/47x18	47	18	680
RK-HTH 85x90/47x14	47	14	680
RK-HTH 85x90/47x17	47	17,5	680
RK-HTH 85x95/47x14	47	14,3	720
RK-HTH 85x100/47x14	47	14	760
RK-HTH 85x100/47x15	47	15	760
RK-HTH 85x110/47x14	47	14	840
RK-HTH 86x99/42x23	42	23	760
RK-HTH 90x42/47x15	47	15	340
RK-HTH 90x50/47x15	47	15	400

Variants / Accessories

Further dimensions upon request

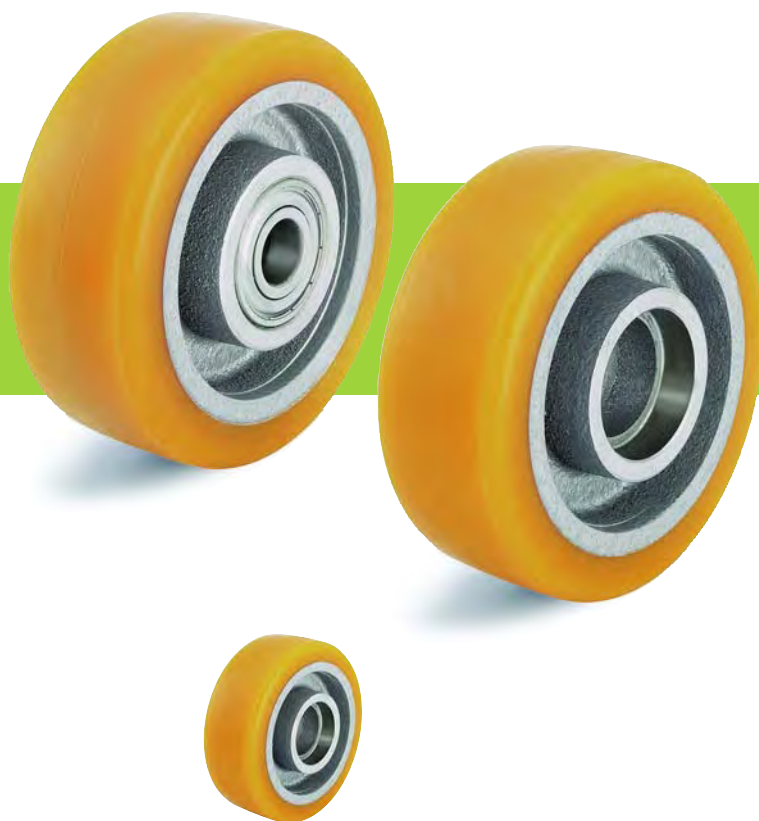
Splash and pressure washing protected version on page 364-366



Series: ALTH, VSTH, GTH

Heavy duty wheels with Blicke Extrathane® polyurethane tread, aluminium, steel or cast iron wheel centre

 350 - 1050 kg



Treads: Made of Blicke Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

Wheel centres: ALTH series: Made of aluminium die-cast, corrosion-resistant, supplied with or without ball bearing. Detailed description: Page 44.

Serie VSTH: Made of steel, supplied with or without ball bearing.

Detailed description: Page 53.

GTH series: Made of grey cast iron, lacquered - colour silver, supplied with or without ball bearing.

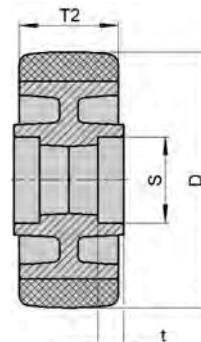
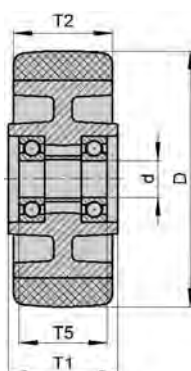
Detailed description: Page 44.

Wheels with ball bearing

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]	Hub length (T1) [mm]	Ball bearing
ALTH 101/15K	100	40	15	40	40	6002 ZZ
VSTH 100x40/20-38K	100	40	20	38	40	6204 ZZ
VSTH 100x40/20-40K	100	40	20	40	40	6204 ZZ
VSTH 100x40/20-43K	100	40	20	43	45	6204 ZZ
VSTH 100x40/20-44K	100	40	20	44	44	6004 ZZ
VSTH 100x40/25-40K	100	40	25	40	40	6205 ZZ
GTH 100x50/20-50K	100	50	20	50	50	6204 ZZ
VSTH 102x64/25-64K	102	64	25	64	64	6205 ZZ
VSTH 108x73/25-63K	108	73	25	63	73	6205 ZZ
GTH 110x50/20-46K	110	50	20	46	50	6204 ZZ
VSTH 120x50/25-50K	120	50	25	50	50	6205 ZZ
GTH 125x40/20-48K	125	40	20	48	50	6204 ZZ
VSTH 125x43/20-49K	125	43	20	49	43	6204 ZZV
GTH 125x50/25-50K	125	50	25	50	50	6205 ZZ
ALTH 140/20K	140	54	20	60	60	6204 ZZ
GTH 140x54/20-60K	140	54	20	60	60	6204 ZZ
GTH 140x59/20-68K	140	59	20	68	68	6304 ZZ
GTH 140x59/25-54K	140	59	25	54	68	6205 ZZ
GTH 150x50/20-50K	150	50	20	50	50	6304 ZZ
GTH 150x50/20-58K	150	50	20	58	60	6204 ZZ
GTH 150x54/20-58K	150	54	20	58	60	6204 ZZ
GTH 150x54/20-60K	150	54	20	60	60	6204 ZZ
GTH 150x55/25-59K	150	55	25	59	57	6205 ZZ
GTH 150x55/20-60K	150	55	20	60	60	6204 ZZ
GTH 180x65/25-75K	180	65	25	75	75	6205 ZZ

Wheels without ball bearing

Ref. No.	Bearing seat Ø (S) [mm]	Bearing seat depth (t) [mm]	Load capacity [kg]
RK-ALTH 101x40/32x9	32	9	350
RK-VSTH 100x40/47x15	47	15	360
RK-VSTH 100x40/47x14	47	14	360
RK-VSTH 100x40/47x15-45	47	15	360
RK-VSTH 100x40/42x12-44	42	12	360
RK-VSTH 100x40/52x15	52	15	360
RK-GTH 100x50/47x14	47	14	450
RK-VSTH 102x64/52x15	52	15	580
RK-VSTH 108x73/52x20	52	20	700
RK-GTH 110x50/47x16	47	16	490
RK-VSTH 120x50/52x15	52	15	540
RK-GTH 125x40/47x15	47	15	450
RK-VSTH 125x43/47x12	47	12	480
RK-GTH 125x50/52x15	52	15	560
RK-ALTH 140x54/47x14	47	14	500
RK-GTH 140x54/47x14	47	14	600
RK-GTH 140x59/52x15	52	15	740
RK-GTH 140x59/52x22	52	22	740
RK-GTH 150x50/52x15	52	15	670
RK-GTH 150x50/47x15	47	15	670
RK-GTH 150x54/47x15	47	15	720
RK-GTH 150x54/47x14	47	14	720
RK-GTH 150x55/52x14	52	14	740
RK-GTH 150x55/47x14	47	14	740
RK-GTH 180x65/52x15	52	15	1050



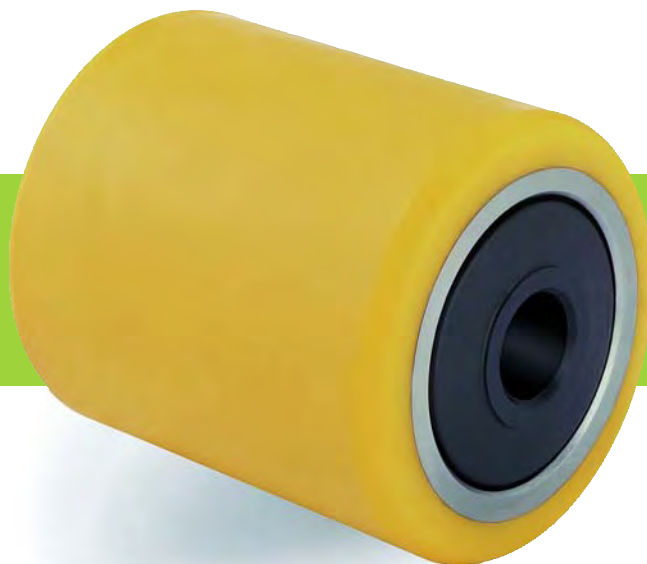
Variants / Accessories

Further dimensions upon request

Series: HTHW, dimensions 82x60 - 85x70 mm

Rollers for pallet trucks with Blickle Extrathane® polyurethane tread, steel wheel centre, splash and pressure washing protection

440 - 800 kg



Treads: Made of Blickle Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

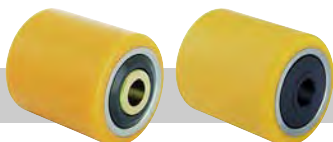
Wheel centres: Made of tubular steel, with double-sealed ball bearing and reinforced nylon bushing, slipping rubber sealing. The combination of clearance sealing and slipping sealing guarantees optimum ball bearing protection against splash and pressure washing and contamination. Detailed description: Page 53.

Rollers for pallet trucks

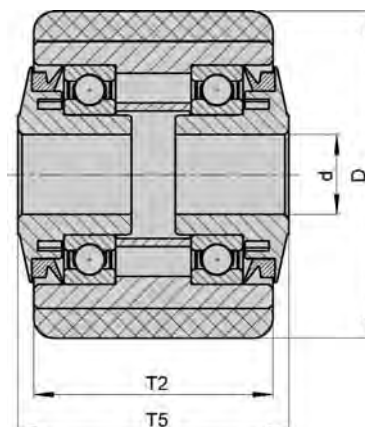
Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
HTHW 82x60/12-64K	82	60	440	Ball bearing	12	64
HTHW 82x60/20-64K	82	60	440	Ball bearing	20	64
HTHW 82x70/20-74K	82	70	510	Ball bearing	20	74
HTHW 82x82/20-86K	82	82	600	Ball bearing	20	86
HTHW 82x95/12-100K	82	95	700	Ball bearing	12	100
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 85x60/17-62K	85	60	450	Ball bearing	17	62
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

For further dimensions, refer to the following page.

Variants / Accessories



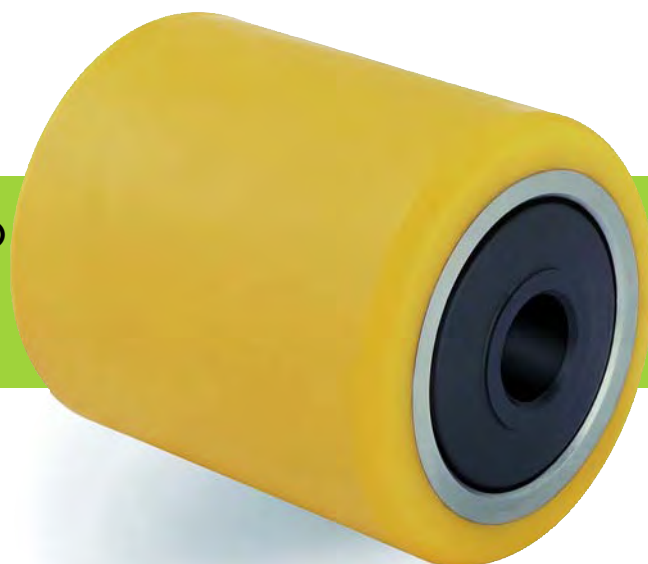
	With steel bushings	Further dimensions
Technical description page	53	
Ref. No. extension	-S	
Available for wheel Ø [mm]	Upon request	Upon request



Series: HTHW, dimensions 85x75 - 85x95 mm

Rollers for pallet trucks with Bicklé Extrathane® polyurethane tread, steel wheel centre, splash and pressure washing protection

570 - 720 kg



Treads: Made of Bicklé Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

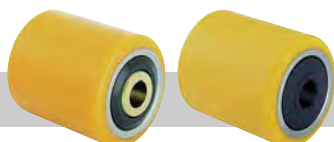
Wheel centres: Made of tubular steel, with double-sealed ball bearing and reinforced nylon bushing, slipping rubber sealing. The combination of clearance sealing and slipping sealing guarantees optimum ball bearing protection against splash and pressure washing and contamination. Detailed description: Page 53.

Rollers for pallet trucks

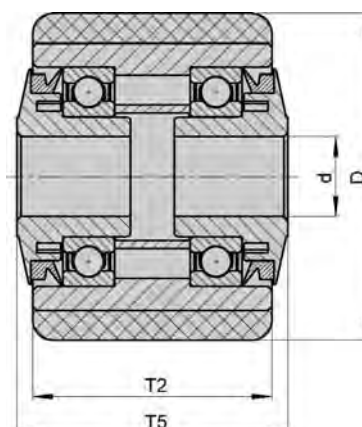
Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
HTHW 85x75/12-80K	85	75	570	Ball bearing	12	80
HTHW 85x75/17-80K	85	75	570	Ball bearing	17	80
HTHW 85x75/20-80K	85	75	570	Ball bearing	20	80
HTHW 85x75/25-80K	85	75	570	Ball 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
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

For further dimensions, refer to the following page.

Variants / Accessories



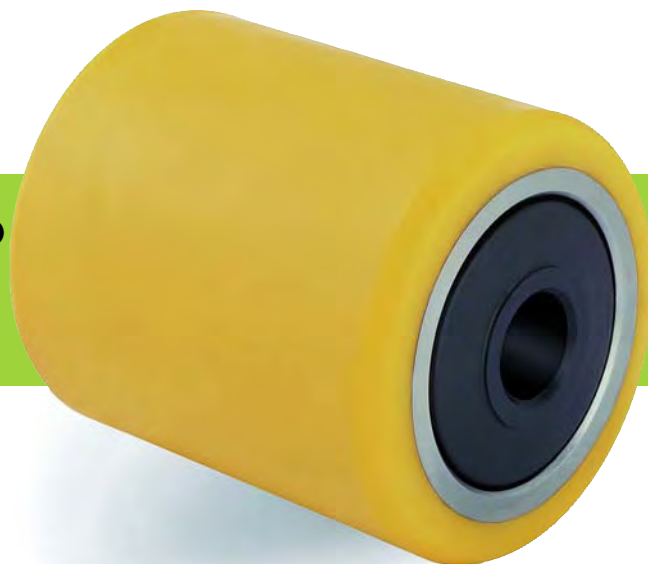
	With steel bushings	Further dimensions
Technical description page	53	
Ref. No. extension	-S	
Available for wheel Ø [mm]	Upon request	Upon request



Series: HTHW, dimensions 85x100 - 85x110 mm

Rollers for pallet trucks with Blicke Extrathane® polyurethane tread, steel wheel centre, splash and pressure washing protection

760 - 840 kg



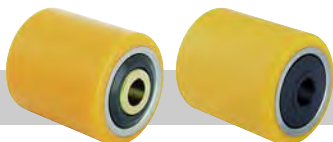
Treads: Made of Blicke Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

Wheel centres: Made of tubular steel, with double-sealed ball bearing and reinforced nylon bushing, slipping rubber sealing. The combination of clearance sealing and slipping sealing guarantees optimum ball bearing protection against splash and pressure washing and contamination. Detailed description: Page 53.

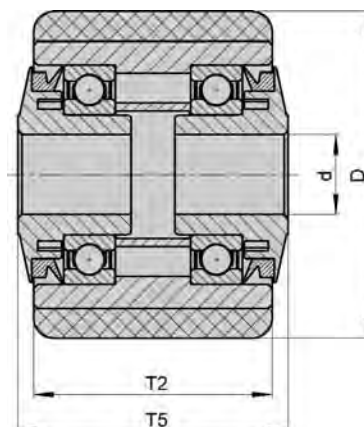
Rollers for pallet trucks

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing version	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
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 85x100/25-102K	85	100	760	Ball bearing	25	102
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

Variants / Accessories




	With steel bushings	Further dimensions
Technical description page	53	
Ref. No. extension	-S	
Available for wheel Ø [mm]	Upon request	Upon request



Series: HPO, dimensions 80x61 - 82x79 mm

Nylon rollers for pallet trucks

 600 - 800 kg



Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing.

Detailed description: Page 53.

Rollers for pallet trucks

Ref. No.	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	60,5	600	6204 ZZV	20	66,5
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	72,5	700	6204 ZZV	20	78,5
HPO 82x75/20-75K	82	75	750	6204 ZZ	20	75
HPO 82x79/20-85K	82	79	800	6204 ZZV	20	85

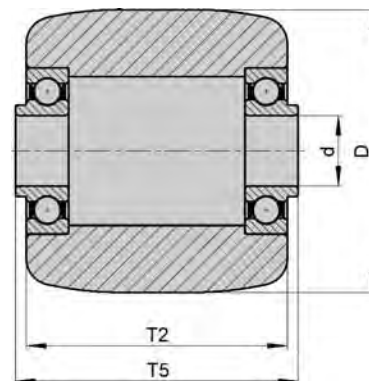
For further dimensions, refer to the following page.

Variants / Accessories



	With stainless steel ball bearing*	Further dimensions
Technical description page	57 + 53	
Ref. No. extension	-XK	
Available for wheel Ø [mm]	Upon request	Upon request

* Caution! For reduced load capacities, refer to page 53.



Series: HPO, dimensions 82x80 - 85x100 mm

Nylon rollers for pallet trucks

 650 - 1100 kg



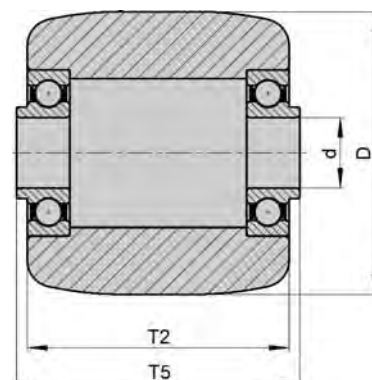
Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, smooth running performance on even floors, shock and impact-resistant, corrosion-resistant, high chemical resistance to alcohol, salts, greases and certain acids and lyes in diluted concentration, ball bearing.

Detailed description: Page 53.

Rollers for pallet trucks

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5) [mm]
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 82x98/20-98K-1	82	98	975	MIC 6005 2RS	20	98
HPO 82x100/20-100K	82	100	1000	6204 ZZ	20	100
HPO 85x60/17-60K	85	60	650	6303 ZZ	17	60
HPO 85x60/20-60K	85	60	650	6204 ZZ	20	60
HPO 85x75/17-78K	85	75	800	BT 22053	17	78
HPO 85x75/20-75K	85	75	800	6204 ZZ	20	75
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

Variants / Accessories




	With stainless steel ball bearing*	Further dimensions
Technical description page	57 + 53	
Ref. No. extension	-XK	
Available for wheel Ø [mm]	Upon request	Upon request

* Caution! For reduced load capacities, refer to page 53.

Series: ALEV, ALTH, PO

Steer wheels for pallet trucks

 450 - 800 kg



ALEV Series



ALTH Series



PO Series



ALEV series: Elastic solid rubber tyres, colour black, smooth rolling quality, 65° shore A, firmly vulcanised onto a wheel centre made of aluminium die-cast, ball bearing. Detailed description: Page 37

ALTH series: Tread made of Bicklex Extrathane® polyurethane, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, firmly bonded onto a wheel centre made of aluminium die-cast, ball bearing. Detailed description: Page 44

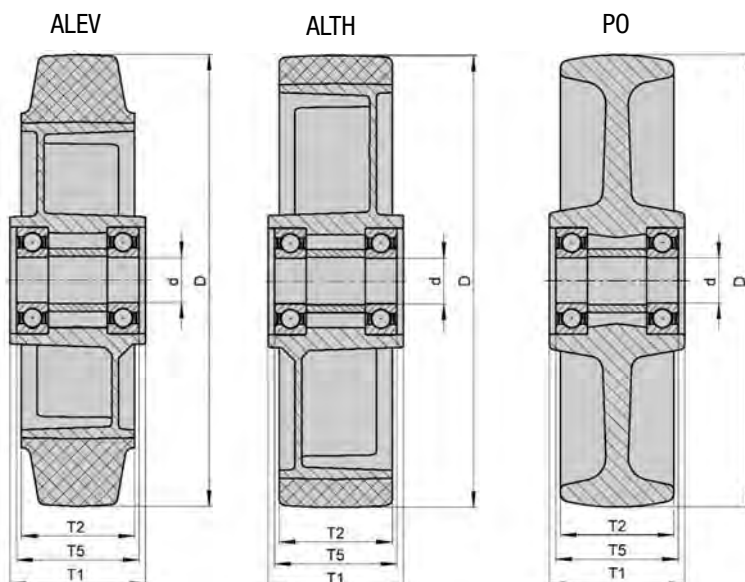
PO series: Made of high-quality nylon, colour natural white, high abrasion resistance, low rolling resistance, shock and impact-resistant, corrosion-resistant, ball bearing. Detailed description: Page 47.

Wheels

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Hub length (T1) [mm]	Clamping length (T5) [mm]
ALEV series							
ALEV 200x50/20-54K	200	50	450	6204 ZZ	20	60	54
ALEV 200x50/25-50K	200	50	450	6005 ZZ	25	60	50
ALTH series							
ALTH 180x50/20-54K	180	50	600	6204 ZZ	20	60	54
ALTH 180x50/25-50K	180	50	600	6005 ZZ	25	60	50
ALTH 200x50/20-40K	200	50	800	6204 ZZ	20	50	40
ALTH 200x50/20-54K	200	50	800	6204 ZZ	20	60	54
ALTH 200x50/25-36K	200	50	800	6005 ZZ	25	50	36
ALTH 200x50/25-50K	200	50	800	6005 ZZ	25	60	50
PO series							
PO 200x50/20-54K	200	50	600	6204 ZZ	20	60	54
PO 200x50/25-50K	200	50	600	6005 ZZ	25	60	50





Variants / Accessories

	With stainless steel ball bearing
Technical description page	57
Ref. No. extension	-XK
Available for wheel Ø [mm]	Upon request



Contents: Section 22

Wheel series

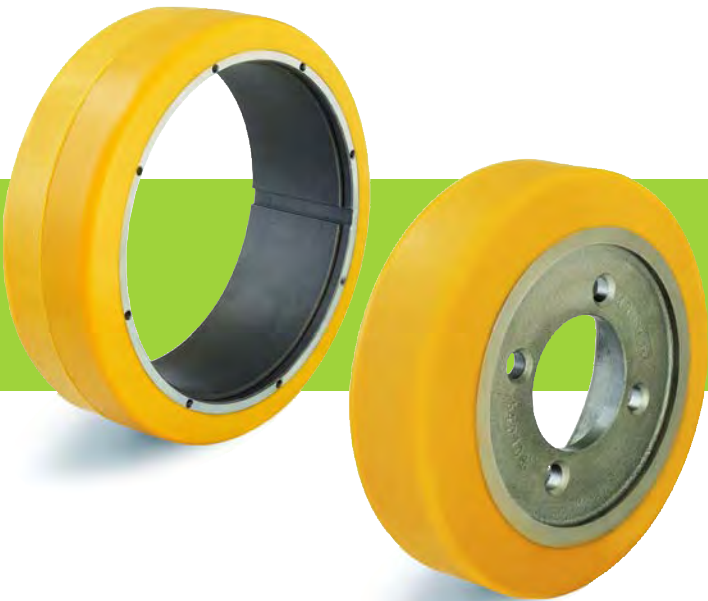
	RTH, RVU, REV									
	Series	RTH, RVU, REV								
	Wheel Ø [mm]	200 - 343 mm								
	Load capacity [kg]									
	Page	372 - 382								
	BTH									
	Series	BTH								
	Wheel Ø [mm]	125 - 415 mm								
	Load capacity [kg]	520 - 2875 kg								
	Page	383								
	BEV									
	Series	BEV								
	Wheel Ø [mm]	125 - 645 mm								
	Load capacity [kg]	160 - 3100 kg								
	Page	384								
	BSEV									
	Series	BSEV								
	Wheel Ø [mm]	250 - 657 mm								
	Load capacity [kg]	195 - 2920 kg								
	Page	385								



**Wheels and tyres for forklift trucks and
pallet trucks**

Series: RTH, REV

Wheels for pallet trucks, drive and running wheels for forklift trucks



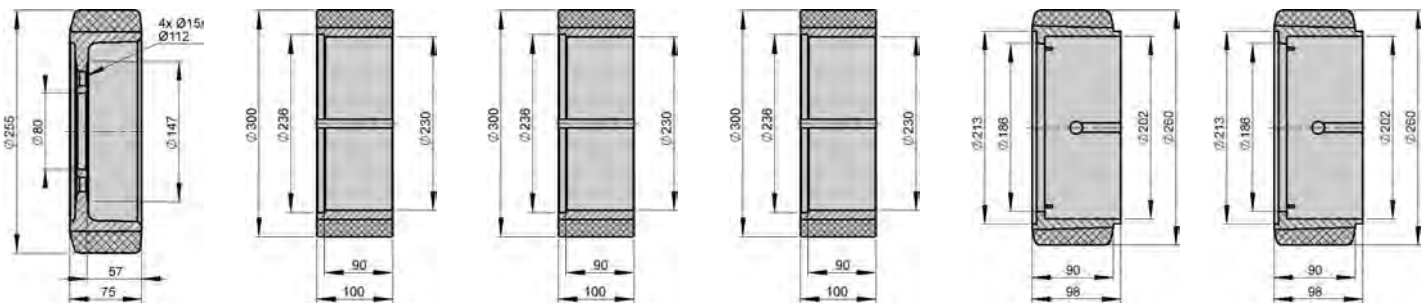
RTH series: Tread made of Bickie Extrathane® polyurethane, colour light brown, non-marking, 92° shore A, elastic, particularly high rebound resilience with long endurance times, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance.
The tread is firmly bonded onto the wheel centre or the steel ring.

REV series: Elastic solid rubber tyres, colour black or non-marking grey, low abrasion, firmly pressed or vulcanised onto the cast iron wheel centre or the steel ring.

Detailed description: Page 54.



Atlet	BT	BT	BT	BT	BT
Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.
RTH 255x75/80-4	RTH 300x100/230-N	RTH 300x100/230-N-GL	REV 300x100/230-N	RTH 260x90/186-3-N	REV 260x90/186-3-N
Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.
78120	36564	CR 36564	42285	47466	58888



For further types, refer to the following pages.

Variants / Accessories

Further dimensions upon request

Series: RTH, REV

Wheels for pallet trucks, drive and running wheels for forklift trucks



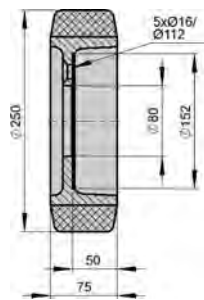
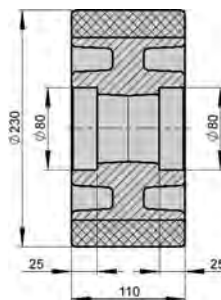
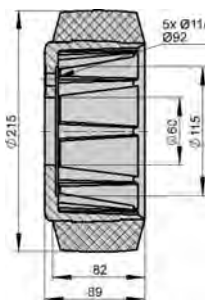
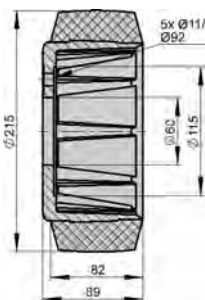
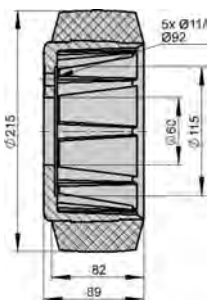
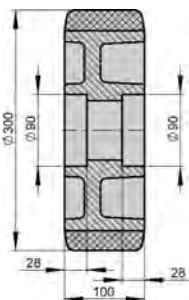
RTH series: Bickie Extrathane® tread, colour light brown, non-marking, 92° shore A, elastic, particularly high rebound resilience with long endurance times, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance. The tread is firmly bonded onto the wheel centre or the steel ring.

REV series: Elastic solid rubber tyres, colour black or non-marking grey, low abrasion, firmly pressed or vulcanised onto the cast iron wheel centre or the steel ring.

Detailed description: Page 54.



BT	BT	BT	BT	BT	BT
Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.
RTH 300x100/90x28	REV 215x82/60-5-SG	RTH 215x82/60-5	REV 215x82/60-5	RTH 230x110/80x25	RTH 250x75/80-5
Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.
74559	127352	129920	129938	133862	138457



For further types, refer to the following pages.

Variants / Accessories

Further dimensions upon request

Series: RTH, REV

Wheels for pallet trucks, drive and running wheels for forklift trucks



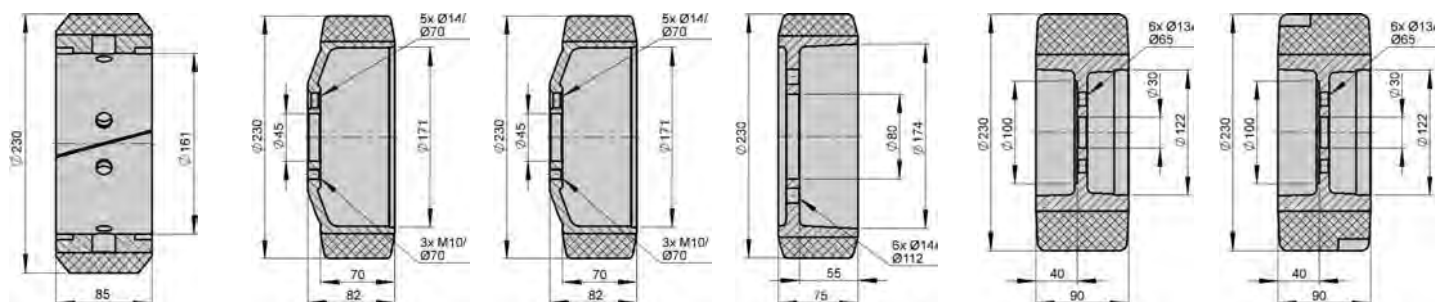
RTH series: Bickie Extrathane® polyurethane tread, colour light brown, non-marking, 92° shore A, elastic, particularly high rebound resilience with long endurance times, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance. The tread is firmly bonded onto the wheel centre or the steel ring.

REV series: Elastic solid rubber tyres, colour black or non-marking grey, low abrasion, firmly pressed or vulcanised onto the cast iron wheel centre or the steel ring.

Detailed description: Page 54.



BV	BV	BV	BV	Fenwick	Fenwick
Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.
RTH 230x85/161-N	RTH 230x70/45-5+3	REV 230x70/45-5+3	RTH 230x75/80-6	RTH 230x90/30-6	RTH 230x90/30-6-GL
Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.
3010177	3070053	3070056	3070068	3305880	3305883



For further types, refer to the following pages.

Variants / Accessories

Further dimensions upon request

RTH, RVU, REV

Wheels for pallet trucks, drive and running wheels for forklift trucks



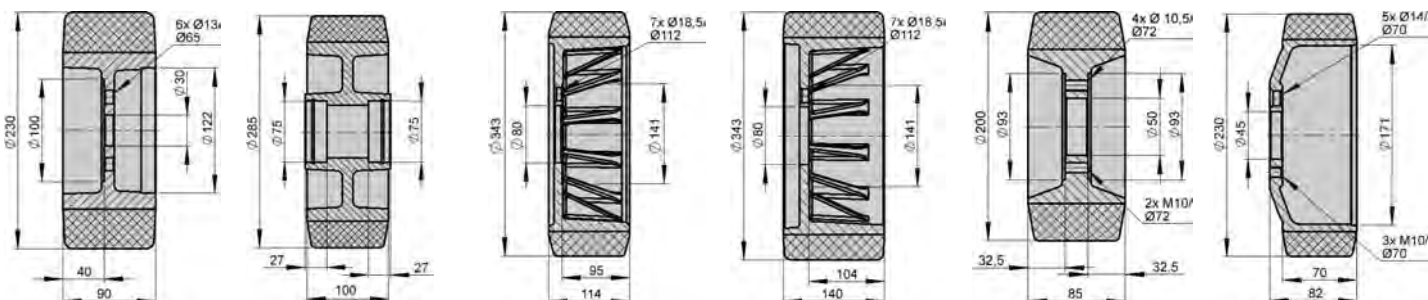
RTH, RVU series: Bicklex Extrathane® polyurethane or Vulkollan® tread, colour light brown, non-marking, 92° shore A, elastic, particularly high rebound resilience with long endurance times, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance. The tread is firmly bonded onto the wheel centre or the steel ring.

REV series: Elastic solid rubber tyres, colour black or non-marking grey, low abrasion, firmly pressed or vulcanised onto the cast iron wheel centre or the steel ring.

Detailed description: Page 54.



Fenwick	Jungheinrich	Jungheinrich	Jungheinrich	Jungheinrich	Jungheinrich
Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.
REV 230x90/30-6	RTH 285x100/75x27	RVU 343x114/80-7	RVU 343x140/80-7	RTH 200x85/50-4+2	REV 230x70/45-5+3
Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.
5803581	6313138	6313503	63145890	6315408	6319050



For further types, refer to the following pages.

Variants / Accessories

Further dimensions upon request

Series: RTH, REV

Wheels for pallet trucks, drive and running wheels for forklift trucks



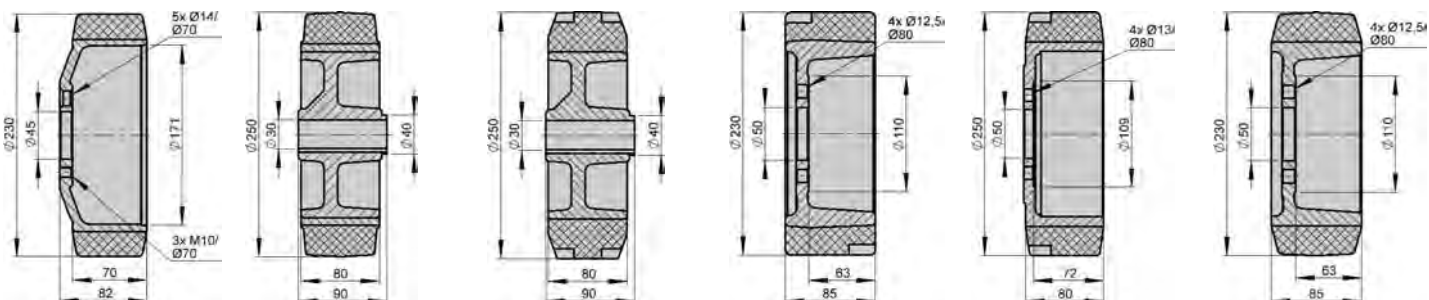
RTH series: Bickie Extrathane® polyurethane tread, colour light brown, non-marking, 92° shore A, elastic, particularly high rebound resilience with long endurance times, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance. The tread is firmly bonded onto the wheel centre or the steel ring.

REV series: Elastic solid rubber tyres, colour black or non-marking grey, low abrasion, firmly pressed or vulcanised onto the cast iron wheel centre or the steel ring.

Detailed description: Page 54.



Jungheinrich	Jungheinrich	Jungheinrich	Jungheinrich	Jungheinrich	Jungheinrich
Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.
RTH 230x70/45-5+3	REV 250x80/30-90-N	RTH 250x80/30-90N-GL	RTH 230x85/50-4-GL	RTH 250x80/50-4-GL	REV 230x85/50-4
Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.
6321059	7130113	7130776	7134004	7134060	7134268



For further types, refer to the following pages.

Variants / Accessories

Further dimensions upon request

Wheels + Castors

Series: RTH, REV

Wheels for pallet trucks, drive and running wheels for forklift trucks



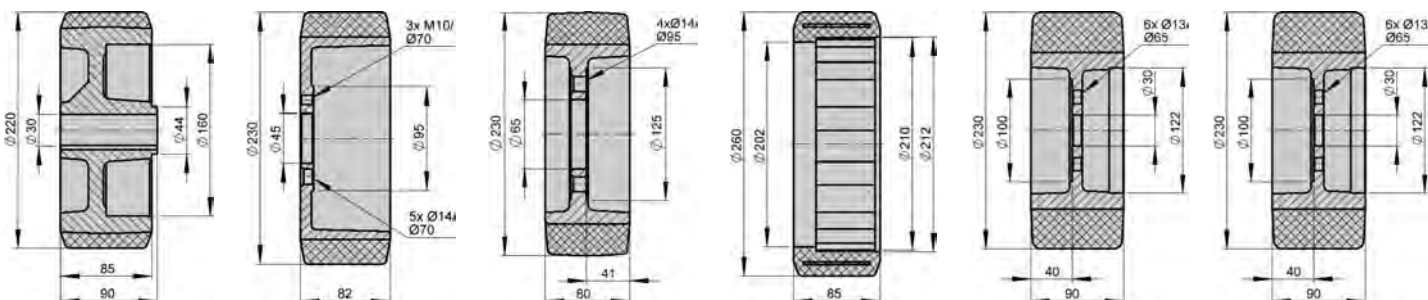
RTH series: Bickie Extrathane® polyurethane tread, colour light brown, non-marking, 92° shore A, elastic, particularly high rebound resilience with long endurance times, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance. The tread is firmly bonded onto the wheel centre or the steel ring.

REV series: Elastic solid rubber tyres, colour black or non-marking grey, low abrasion, firmly pressed or vulcanised onto the cast iron wheel centre or the steel ring.

Detailed description: Page 54.



Jungheinrich	Jungheinrich	Jungheinrich	Kentruck	Linde	Linde
Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.
RTH 220x85/30-90-N	RTH 230x82/45-5+3	RTH 230x80/65-4-75SH	RTH 260x85/202	RTH 230x90/30-6	REV 230x90/30-6
Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.
60054142	63215600	77800067	768005	39902320	39902325



For further types, refer to the following pages.

Variants / Accessories

Further dimensions upon request

Series: RTH, REV

Wheels for pallet trucks, drive and running wheels for forklift trucks



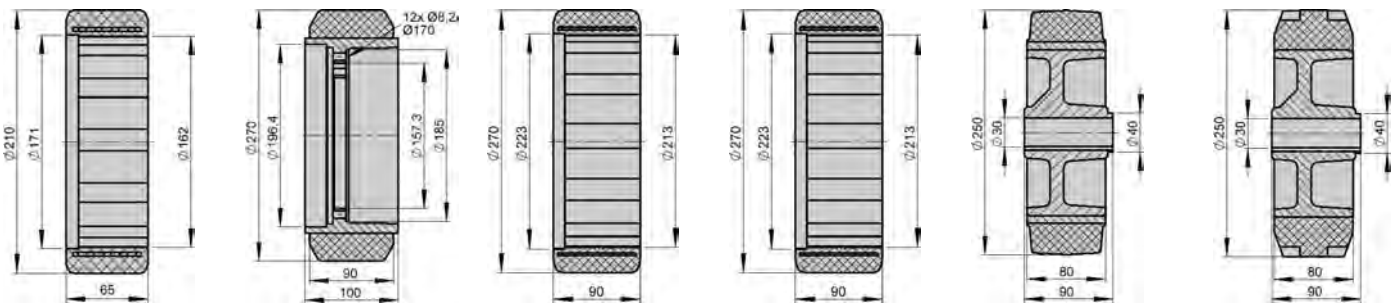
RTH series: Bickie Extrathane® polyurethane tread, colour light brown, non-marking, 92° shore A, elastic, particularly high rebound resilience with long endurance times, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance. The tread is firmly bonded onto the wheel centre or the steel ring.

REV series: Elastic solid rubber tyres, colour black or non-marking grey, low abrasion, firmly pressed or vulcanised onto the cast iron wheel centre or the steel ring.

Detailed description: Page 54.



Loc	Loc	Loc	Manusur	Mic	Mic
Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.
RTH 210x65/162	RTH 270x90/157-12	RTH 270x90/213	RTH 270x90/213	REV 250x80/30-90-N	RTH 250x80/30-90N-GL
Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.
539074	539134	539173	8245151-04	28862	45636



For further types, refer to the following pages.

Variants / Accessories

Further dimensions upon request

Series: RTH, REV

Wheels for pallet trucks,
drive and running wheels
for forklift trucks



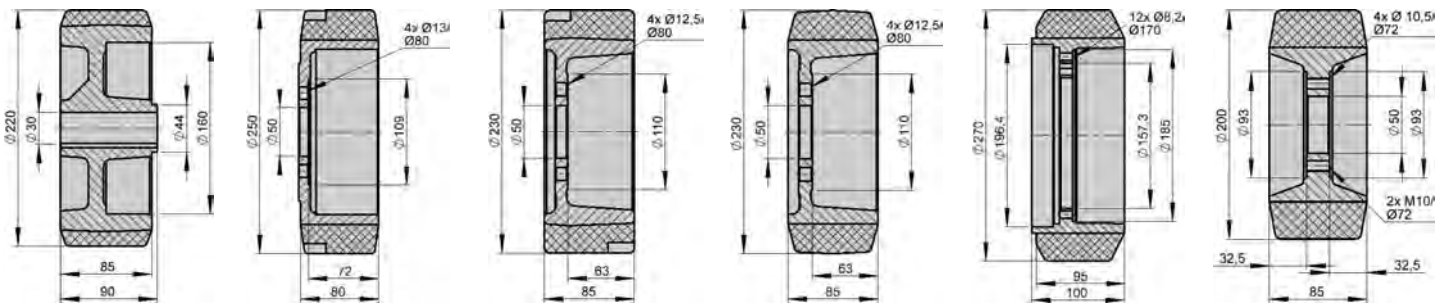
RTH series: Bickie Extrathane® polyurethane tread, colour light brown, non-marking, 92° shore A, elastic, particularly high rebound resilience with long endurance times, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance. The tread is firmly bonded onto the wheel centre or the steel ring.

REV series: Elastic solid rubber tyres, colour black or non-marking grey, low abrasion, firmly pressed or vulcanised onto the cast iron wheel centre or the steel ring.

Detailed description: Page 54.



Mic	Mic	Mic	Mic	Mic	Mic
Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.
RTH 220x85/30-90-N	RTH 250x80/50-4-GL	RTH 230x85/50-4-GL	REV 230x85/50-4	RTH 270x95/157-12	RTH 200x85/50-4+2
Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.
54142	55348	58259	58269	200117240	506318547



For further types, refer to the following pages.

Variants / Accessories

Further dimensions upon request

Series: RTH, REV

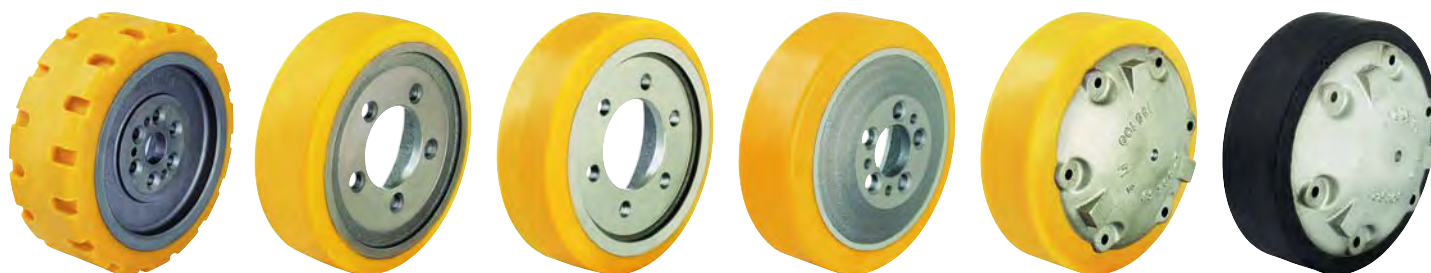
Wheels for pallet trucks, drive and running wheels for forklift trucks



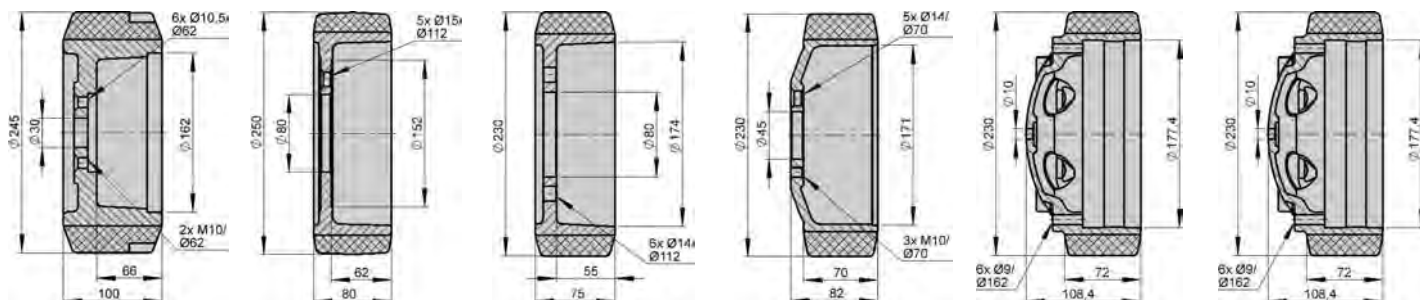
RTH series: Bickie Extrathane® polyurethane tread, colour light brown, non-marking, 92° shore A, elastic, particularly high rebound resilience with long endurance times, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance. The tread is firmly bonded onto the wheel centre or the steel ring.

REV series: Elastic solid rubber tyres, colour black or non-marking grey, low abrasion, firmly pressed or vulcanised onto the cast iron wheel centre or the steel ring.

Detailed description: Page 54.



OMG	Pimespo	Pimespo	Pimespo	Prat	Prat
Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.
RTH 245x100/30-6-GL	RTH 250x80/80-5-PI	RTH 230x75/80-6	RTH 230x70/45-5+3	RTH 230x72/10-6-P	REV 230x72/10-6-P
Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.
420.10.30.30	81504005	95309172	95309393	55667	55668



For further types, refer to the following pages.

Variants / Accessories

Further dimensions upon request

Series: RTH, REV

Wheels for pallet trucks, drive and running wheels for forklift trucks



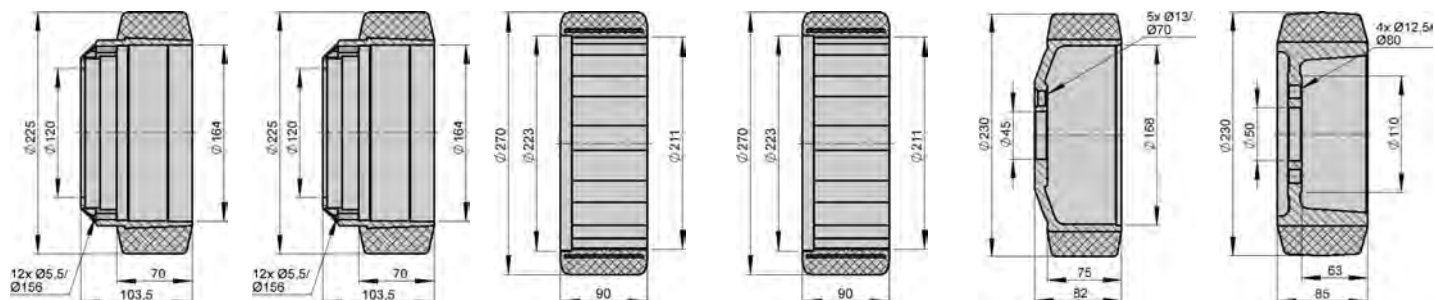
RTH series: Bickie Extrathane® polyurethane tread, colour light brown, non-marking, 92° shore A, elastic, particularly high rebound resilience with long endurance times, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance. The tread is firmly bonded onto the wheel centre or the steel ring.

REV series: Elastic solid rubber tyres, colour black or non-marking grey, low abrasion, firmly pressed or vulcanised onto the cast iron wheel centre or the steel ring.

Detailed description: Page 54.



Prat	Prat	Rocla	Steinbock	Still	Still
Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.
RTH 225x70/120-12-P	REV 225x70/120-12-P	RTH 270x90/211	RTH 270x90/211	RTH 230x75/45-5	RTH 230x85/50-4
Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.
68352	68353	509937	29093	359920	5453866



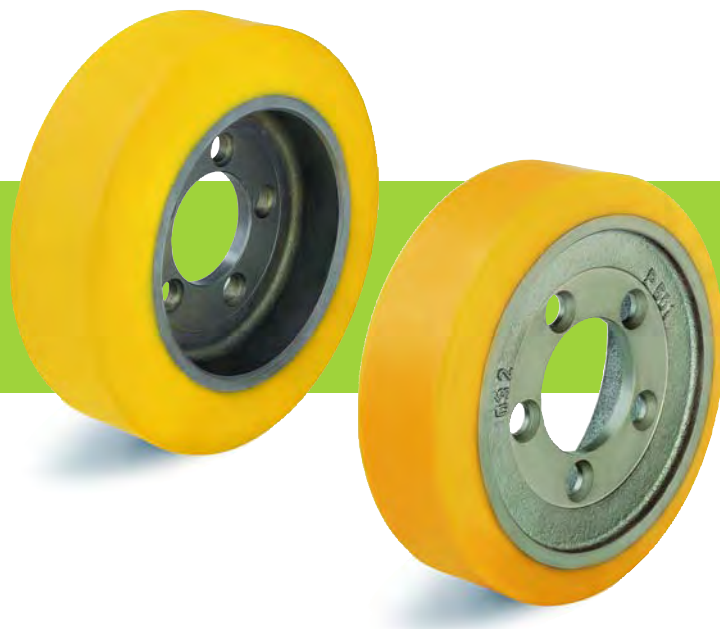
For further types, refer to the following page.

Variants / Accessories

Further dimensions upon request

RTH, RVU, REV

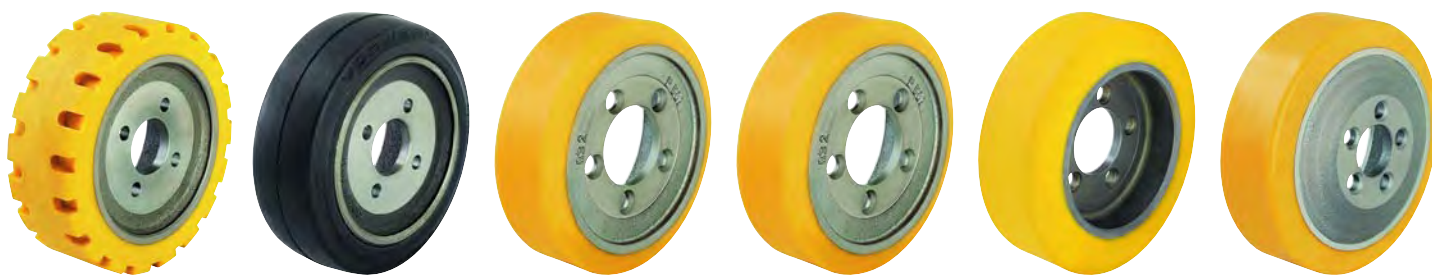
Wheels for pallet trucks, drive and running wheels for forklift trucks



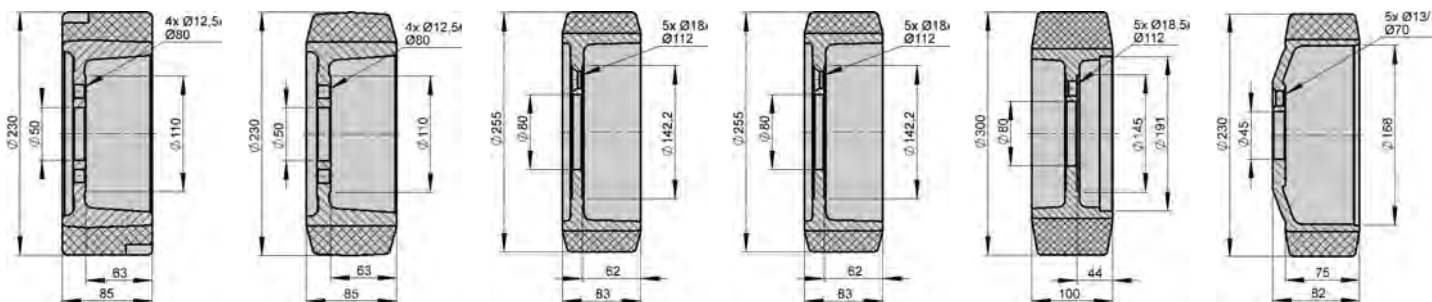
RTH, RVU series: Bicklex Extrathane® polyurethane or Vulkollan® tread, colour light brown, non-marking, 92° shore A, elastic, particularly high rebound resilience with long endurance times, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance. The tread is firmly bonded onto the wheel centre or the steel ring.

REV series: Elastic solid rubber tyres, colour black or non-marking grey, low abrasion, firmly pressed or vulcanised onto the cast iron wheel centre or the steel ring.

Detailed description: Page 54.



Still	Still	Stöcklin	Wagner	Wagner	Wagner
Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.	Ref. No.
RTH 230x85/50-4-GL	REV 230x85/50-4	RTH 255x83/80-5	RTH 255x83/80-5	RVU 300x100/80-5	RTH 230x75/45-5
Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.	Suitable for manufacturer No.
5453870	5453874	360503	305061	334295	359920



Variants / Accessories

Further dimensions upon request

Series: BTH

Press-on bands with Blicke Extrathane® polyurethane tread

 520 - 2875 kg



Made of Blicke Extrathane® polyurethane, firmly bonded onto steel ring, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the steel ring.

Detailed description: Page 55.

Press-on bands

Ref. No.	External Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Profile	Load capacity [kg]
BTH 125x50/75	125	50	75	Flat profile	520
BTH 150x50/100	150	50	100	Flat profile	620
BTH 150x75/100	150	75	100	Flat profile	935
BTH 180x50/120	180	50	120	Flat profile	720
BTH 180x75/120	180	75	120	Flat profile	1080
BTH 200x50/140	200	50	140	Flat profile	800
BTH 200x75/100	200	75	100	Flat profile	1040
BTH 225x100/145	225	100	145	Flat profile	1800
BTH 230x85/170	230	85	170	Flat profile	1565
BTH 230x85/170-GL	230	85	170	Cross-country profile	1565
BTH 250x60/190	250	60	190	Flat profile	1200
BTH 250x80/170	250	80	170	Flat profile	1495
BTH 250x80/170-GL	250	80	170	Cross-country profile	1495
BTH 250x130/140	250	130	140	Flat profile	2175
BTH 254x127/165	254 (10")	127 (5")	165,1 (6,5")	Flat profile	2330
BTH 267x89/203	267 (10,5")	88,9 (3,5")	203,2 (8")	Flat profile	1875
BTH 285x75/220	285	75	220	Flat profile	1685
BTH 285x100/200	285	100	200	Flat profile	2090
BTH 285x100/228	285	100	228	Flat profile	2100
BTH 290x105/185	290	105	185	Flat profile	2075
BTH 300x90/203	300	90	203	Flat profile	1895
BTH 343x115/245	343	115	245	Flat profile	2755
BTH 350x110/270	350	110	270	Flat profile	2875
BTH 415x100/305	415	100	305	Flat profile	2775

Variants / Accessories

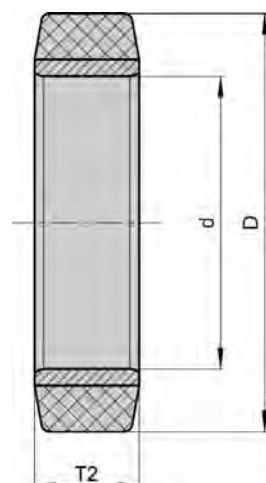


Further dimensions

Technical description page

Ref. No. extension

Upon request



Series: BEV
Press-on bands
with elastic solid rubber tread

160 - 3100 kg



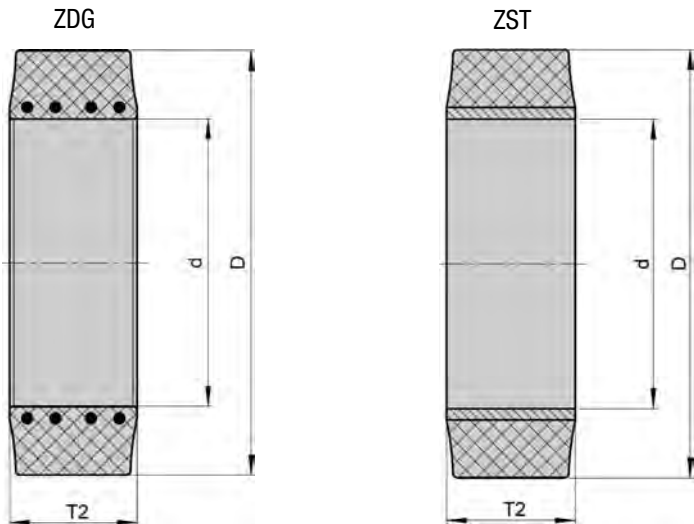
Elastic solid rubber press-on bands in smooth rolling quality with steel insert (ZDG) or in drive quality, vulcanised onto steel ring (ZST), colour black, wear-resistant, floor-saving, high operational comfort, low rolling resistance.
Detailed description: Page 55.

Press-on bands with steel insert (ZDG)	Press-on bands on steel ring (ZST)				
Ref. No.	Ref. No.	External Ø (D) [mm]	Width (T2) [mm]	Internal Ø (d) [mm]	Load capacity [kg]
BEV 125x50/75-ZDG		125	50	75	160
BEV 160x50/100-ZDG		160	50	100	250
BEV 200x50/140-ZDG	BEV 200x50/140-ZST	200	50	140	350
BEV 250x60/190-ZDG	BEV 250x60/190-ZST	250	60	190	525
BEV 250x80/170-ZDG	BEV 250x80/170-ZST	250	80	170	675
	BEV 250x130/140-ZST	250	130	140	975
	BEV 285x75/220-ZST	285	75	220	725
BEV 300x75/220-ZDG		300	75	220	750
BEV 300x90/203-ZDG		300	90	203	900
	BEV 300x100/203-ZST	300	100	203	975
BEV 360x60/270-ZDG		360	60	270	750
BEV 360x75/270-ZDG		360	75	270	950
BEV 360x85/270-ZDG		360	85	270	1050
BEV 400x75/305-ZDG		400	75	305	1000
BEV 405x130/305-ZDG	BEV 405x130/305-ZST	405	130	305	1500
	BEV 425x150/305-ZST	425	150	305	1800
	BEV 520x120/370-ZST	520	120	370	1775
	BEV 550x160/410-ZST	550	160	410	2250
BEV 645x200/480-ZDG		645	200	480	3100

Variants / Accessories



	With non-marking tyre	Further dimensions and versions
Technical description page	55	
Ref. No. extension	-SN	
	Upon request	Upon request



Series: BSEV

Super-elastic solid rubber tyres

195 - 2920 kg



This 3-component tyre consists of:

Rubber core: Steel cores embedded in a tough and hard rubber compound to ensure a tight tyre seat on the rim.

Cushion layer: Ensures impact and vibration absorption, which protects the transport equipment and goods, has low rolling resistance and minimum energy consumption.

Tread: The thick, abrasion-resistant tread gives long service life. With zig-zag or ribbed profile (-RP).

Version CIT for rims without fixing parts.

Detailed description: Page 55.

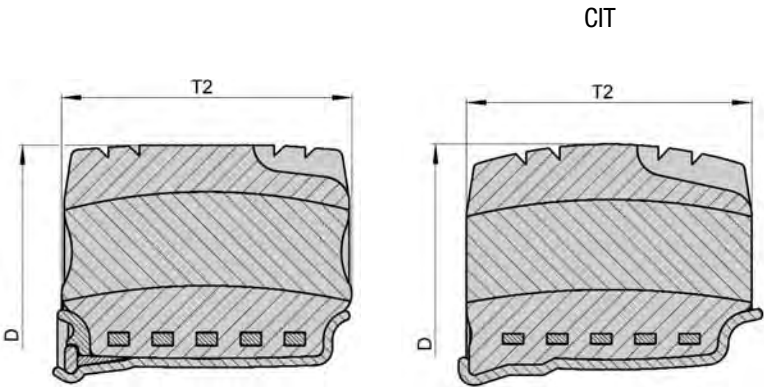
Tyre		Tyre CIT design					
Ref. No.	Ref. No.	Tyre Ø (D) [mm]	Tyre width (T2) [mm]	Tyre designation	Rim dimension	Load cap. with 6 km/h [kg]	Load cap. with 25 km/h [kg]
BSEV 3.00-4-RP		250	85	3.00-4	2.10-4	260	195
BSEV 3.00-4		250	85	3.00-4	2.10-4	260	195
BSEV 3.00-4/2.50-4		250	85	3.00-4	2.50C-4	300	195
BSEV 4.00-4-RP		306	105	4.00-4	2.50C-4	535	400
BSEV 4.00-4		306	105	4.00-4	2.50C-4	535	400
BSEV 4.00-8-RP		405	105	4.00-8	3.00D-8	950	730
BSEV 4.00-8	BSEV 4.00-8-CIT	405	105	4.00-8	3.00D-8	950	730
BSEV 18x7-8	BSEV 18x7-8-CIT	453	178	18x7-8	4.33R-8	2145	1650
BSEV 5.00-8	BSEV 5.00-8-CIT	455	120	5.00-8	3.00D-8	1415	1090
BSEV 6.00-9	BSEV 6.00-9-CIT	525	140	6.00-9	4.00E-9	1885	1450
BSEV 7.00-12	BSEV 7.00-12-CIT	657	178	7.00-12	5.00S-12	2920	2240

* Refer to the detailed description on page 42.

Variants / Accessories





Technical description page	55	Further dimensions and versions
Ref. No. extension	-SN	
	Upon request	Upon request



Contents: Section 23

Wheel series


	FTH									
	Series	FTH								
	Wheel Ø [mm]	30 - 75 mm								
	Load capacity [kg]	15 - 100 kg								
	Page	388								
	FSTH									
	Series	FSTH								
	Wheel Ø [mm]	40 - 125 mm								
	Load capacity [kg]	45 - 245 kg								
	Page	389								



Guide rollers

Series: FTH

Guide rollers with Blicke Extrathane® polyurethane tread

 15 - 100 kg



Treads: Made of Blicke Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the ball bearing.

Wheel centres: Ball bearing in acc. with DIN 625
Detailed description: Page 56.

Guide rollers

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T1) [mm]
FTH 30x8/6-6K	30	8	15	626 2RS	6	6
FTH 30x11/9-7K	30	11	20	609 2RS	9	7
FTH 34x16/8-7K	34	16	25	608 ZZ	8	7
FTH 35x14/12-8K	35	14	30	6001 2RS	12	8
FTH 36x13/10-9K	36	13	30	6200 2RS	10	9
FTH 40x15/10-8K	40	15	30	6000 2RS	10	8
FTH 40x20/10-9K	40	20	35	6200 ZZ	10	9
FTH 45x17/15-11K	45	17	50	6202 ZZ	15	11
FTH 50x15/10-9K	50	15	45	6200 ZZ	10	9
FTH 50x15/12-12K	50	15	55	6301 2RS	12	12
FTH 50x18/15-11K	50	18	55	6202 ZZ	15	11
FTH 52x15/12-12K	52	15	55	6301 2RS	12	12
FTH 60x20/17-12K	60	20	70	6203 2RS	17	12
FTH 61x30/17-12K	61	30	80	6203 2RS	17	12
FTH 62x15/20-12K	62	15	65	6004 2RS	20	12
FTH 62x15/25-12K	62	15	65	6005 2RS	25	12
FTH 70x20/25-15K	70	20	95	6205 2RS	25	15
FTH 75x23/20-14K	75	23	100	6204 2RS	20	14

Variants / Accessories

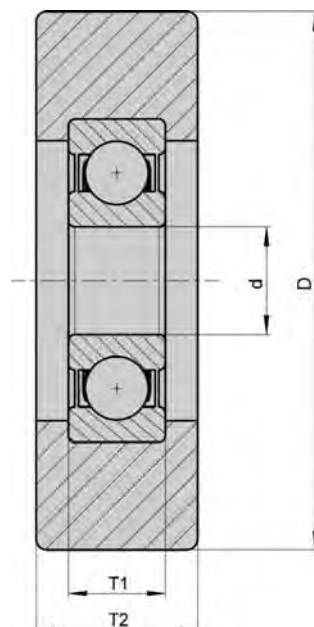


Further dimensions

Technical description page

Ref. No. extension

Upon request



Series: FSTH

Guide rollers with Blicke Extrathane® polyurethane tread, steel wheel centre

 45 - 245 kg



Treads: Made of Blicke Extrathane® polyurethane, firmly bonded, colour light brown, non-marking, 92° shore A, elastic, abrasion-resistant, high cut and tear propagation resistance, non-staining, floor-saving, low-noise operation, low rolling resistance, very good chemical connection with the wheel centre.

Wheel centres: Made of steel, ball bearing.
Detailed description: Page 56.

Guide rollers

Ref. No.	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T1) [mm]
FSTH 40x13/10-8K	40	13	45	6000 ZZ	10	8
FSTH 40x15/10-8K	40	15	50	6000 2RS	10	8
FSTH 40x20/10-8K	40	20	70	6000 ZZ	10	8
FSTH 50x15/10-8K	50	15	65	6000 ZZ	10	8
FSTH 50x18/17-10K	50	18	80	6003 2RS	17	10
FSTH 60x20/15-13K	60	20	105	6302 ZZ	15	13
FSTH 60x20/20-12K	60	20	105	6004 2RS	20	12
FSTH 68x20/15-13K	68	20	115	6302 ZZ	15	13
FSTH 70x25/25-15K	70	25	155	6205 ZZ	25	15
FSTH 80x25/25-15K	80	25	170	6205 ZZ	25	15
FSTH 90x25/25-15K	90	25	185	6205 ZZ	25	15
FSTH 100x25/25-15K	100	25	215	6205 ZZ	25	15
FSTH 110x25/25-15K	110	25	230	6205 ZZ	25	15
FSTH 120x25/25-15K	120	25	240	6205 ZZ	25	15
FSTH 125x25/25-15K	125	25	245	6205 ZZ	25	15

Variants / Accessories



Further dimensions

Technical description page

Ref. No. extension

Upon request

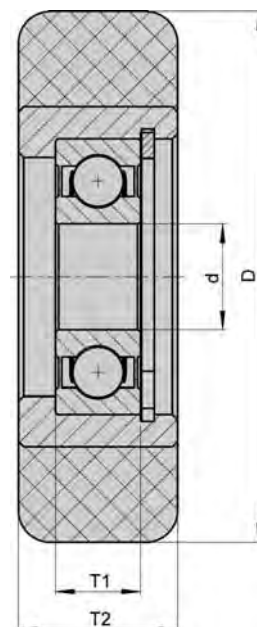


Table of Contents: Section 24

	Page
Wheels and wheel sets	392 - 393
Light duty castors	394
Transport and scaffolding castors	395
Heavy duty castors	396
Miscellaneous	397



Special versions

Special Versions

Wheels and wheel sets

As well as our standard range, we supply many tailor-made solutions for customer-specific purposes.

These individual solutions are developed in close co-operation with our customers. State-of-the-art development tool (3D CAD, non-linear finite element and simulation programs), flexible and powerful production equipment, precise measuring and testing equipment as well as our many years of experience as manufacturers ensure the development of high-quality wheels and castors for tough industrial use.

Moreover, our wide range of standard products allows us to develop customer-specific problem solutions, often from standard parts, so even custom-built versions can be produced cost-effectively.

The products mentioned below are a small section of our versatile range of special versions. Please ask us, we will be pleased to give advice.

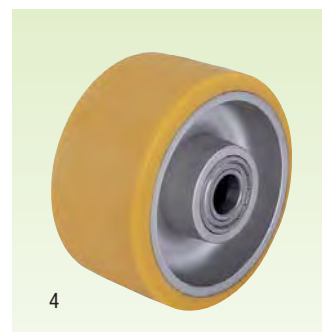
Wheels and wheel sets

The special version differs from the standard types by the variance in materials for the running surface, the wheel dimensions as well as the hub design and/or the wheel bearing. In particular, wheels with non-slip rubber tyres for wet and slippery ground as well as special wheels for plant engineering with extremely high mileage and reliability.

Wheel sets can be supplied with wheels of various series, with round or square axles as well as different gauges.

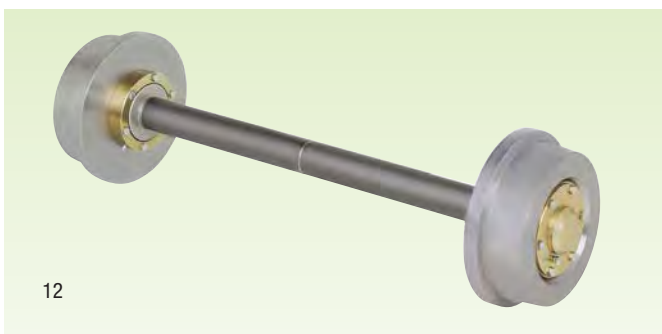
Minimum quantities may be required for production of a special wheel and/or a wheel set, which may vary depending on the wheel and/or wheel set design.

Please ask for a quote, giving technical requirements and quantities required.



Special Versions

Wheels and wheel sets



Special Versions

Light duty castors

Light duty castors

The special designs differ from the standard types by the variance in overall height, locking system, material, colour, etc.. In particular, swivel castors with integrated centrally operating directional lock and total lock as well as clean-room castors corresponding to US Federal Standard 209E "100".

Minimum quantities may be required for production of a special castor, which may vary depending on the castor design.

Please ask for a quote, giving technical requirements and quantities required.



Special Versions

Transport and scaffolding castors

Transport and scaffolding castors

The special designs differ from the standard types by the variance in overall height, locking system, material, colour, etc.. In particular, swivel castors with integrated brakes operated by cable pull with overload protection as well as castors with extremely low rolling and swivelling resistance.

Swivel castors for mobile platforms and scaffolding can be supplied with various brake systems and types of wheels.

Test reports in accordance with German standard DIN 4422 are available for many of our swivel castors.

Minimum quantities may be required for production of a special castor, which may vary depending on the castor design.

Please ask for a quote, giving technical requirements and quantities required.



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Special Versions

Heavy duty castors

Heavy duty castors

The special designs differ from the standard types by the variance in overall height, locking system, material, colour, etc.. In particular, swivel castors with suspension and integrated shock absorbers for increased safety and driving comfort at high speeds as well as castors with an extremely high load-bearing capacity of up to 20 tons with an integrated drive (electric or hydraulic motor). We also develop and supply completely mounted chassis systems.

Minimum quantities may be required for production of a special castor, which may vary depending on the castor design.

Please ask for a quote, giving technical requirements and quantities required.



Special Versions

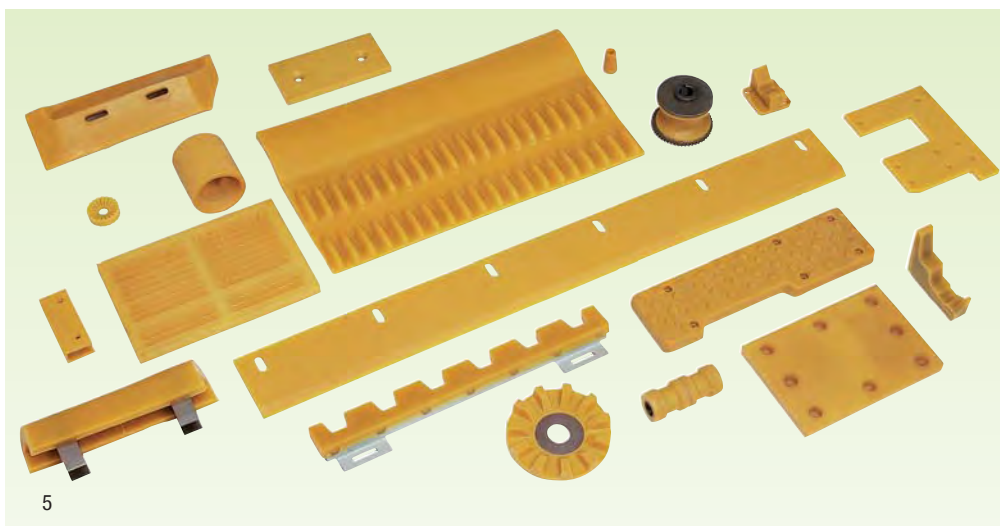
Miscellaneous

Miscellaneous

In addition to wheels and castors, we offer a number of technical components, which complement the wheel and castor sector, such as swivel heads for industrial use, truck locks, stair climbing aids as well as a number of technical polyurethane parts for general industrial use.

Minimum quantities may be required for production of a special castor, which may vary depending on the castor design.

Please ask for a quote, giving technical requirements and quantities required.



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