

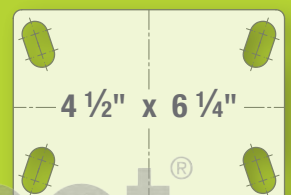
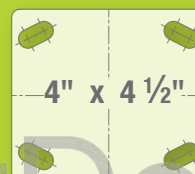
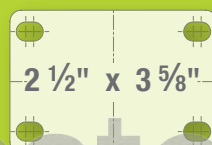
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# American Standard Casters

≡ **24h QuickShipProgram**



Made  
in  
Germany



CasterDepot

we innovate mobility

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up to **330 lbs**  
4" - 5"

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up to **1,000 lbs**  
8" - 10 7/32"

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up to **660 lbs**  
3 1/8" - 4"

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with Drum and Dead Man's Brake



up to **1,350 lbs**  
6 5/16" - 8"

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Nylon, Cast Iron and Solid Steel Wheels  
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up to **7,700 lbs**  
1 1/8" - 16 17/32"

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In addition to our standard range,  
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BLICKLE. WE INNOVATE MOBILITY.

Is it possible to reinvent the wheel? One company, one vision: to develop the best wheel, the best caster for every application. With know-how and state-of-the-art technology. In close cooperation with the customer. With a lot of new ideas and creativity. With a single goal: to find the best and most efficient solution – for both custom-made special products and standard products.

Your partner for mobility.  
Blickle Germany.



Company headquarters in Rosenfeld, Germany



Blickle, a family owned business, founded in 1953, today employs more than 750 people worldwide. Blickle runs 16 sales subsidiaries in Europe, Asia and North America and exports its wheels and casters to more than 120 countries around the world.

We are committed to manufacture products “Made in Germany” and hence are committed to quality by utilizing our state-of-the-art manufacturing technology with a high degree of automation. The Blickle brand is a worldwide synonym for durable and maintenance-free, high-quality wheels & casters “Made in Germany”.

Get a better insight by watching the Blickle Corporate Movie at [www.blickle.com](http://www.blickle.com)



OUR STRENGTH FOR YOUR BENEFIT.



24h QuickShipProgram  
**Blickle**

Blickle in the US and Canada.  
We appreciate your business.



#### **Blickle in the US and Canada**

Blickle USA Wheels and Casters Inc., a fully owned subsidiary of Blickle, one of the world's largest manufacturers of wheels and casters, was established in 2007 with office and distribution center in Newnan, Georgia, just outside of Atlanta.

Originally established in 1987 as Bleutec Inc., Blickle Canada Inc. became a full subsidiary of Blickle in 2005. Blickle Canada's sales office and distribution center is based in Candiak, Québec just outside of Montreal.

#### **24 hour QuickShipProgram**

At Blickle we understand that fast delivery is critical to your business. With this in mind, Blickle has now developed a condensed catalog of standard items that are readily available for shipment. The entire product range within this catalog can be shipped within 24 hours after order acceptance. This applies to all primary products you find in this catalog and not just a select few.

If you require an optional accessory, an item marked as "upon request", or a large product quantity, your order may not qualify for this service. In such cases please contact us to ask whether this service applies.



# A tradition of progress. For generations.

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



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

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



1953      1960      1965      1968      1975      1978      1980      1984

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



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

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



Reinhold Blickle, Director

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

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

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



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



Installation of a 3rd high-rack warehouse in 2015.

1985

1998

2000

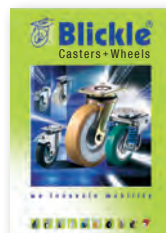
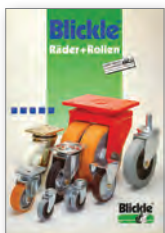
2008

2010

2011

2014

2015



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

The latest Blickle General Catalog G15 with more than 500 pages is printed in 21 languages.



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



With the acquisition of the Swiss company Progressus in 2014, Blickle has supplemented its comprehensive programme of wheels and casters to include additional high-quality products for the medical, chemical and food industries.

RESEARCH. DEVELOPMENT. SOLUTIONS: OUR APPROACH TO BUSINESS.

Your needs are our challenge.  
We innovate mobility.



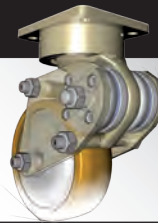
**Only those committed to perfection will stay ahead. At Blickle, we strongly believe in innovation, but still keep an eye on what we already do best. By focusing on innovative research and development, our engineers constantly strive to develop the best possible wheel & caster solution for each and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

**Our goal:**

**To produce the best wheel or best caster for every possible application.**

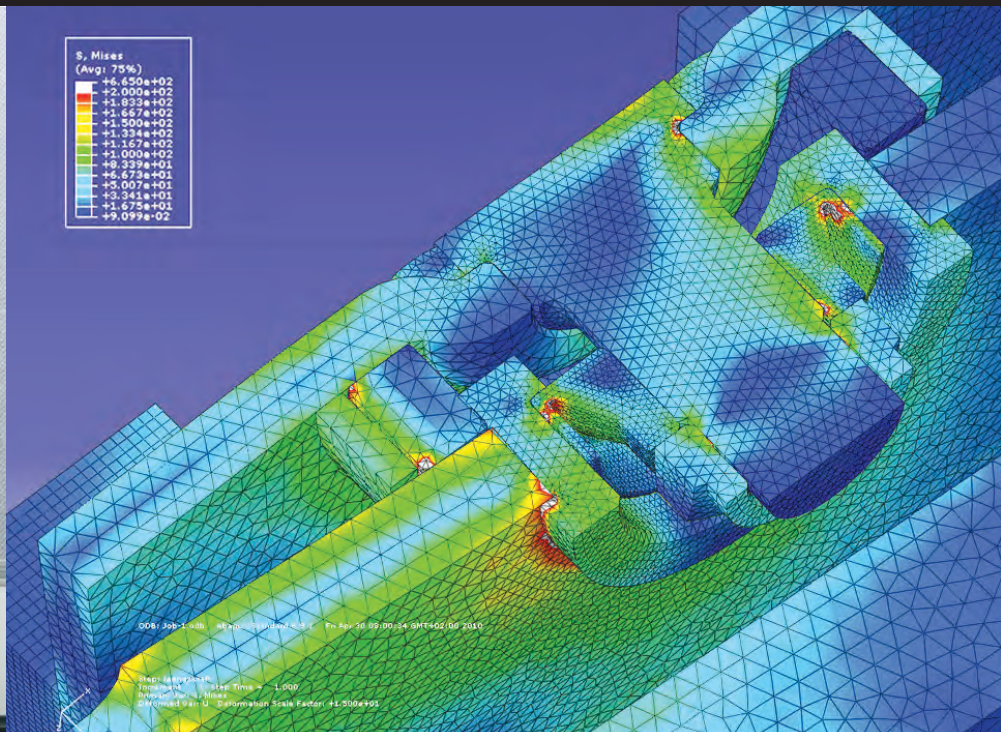
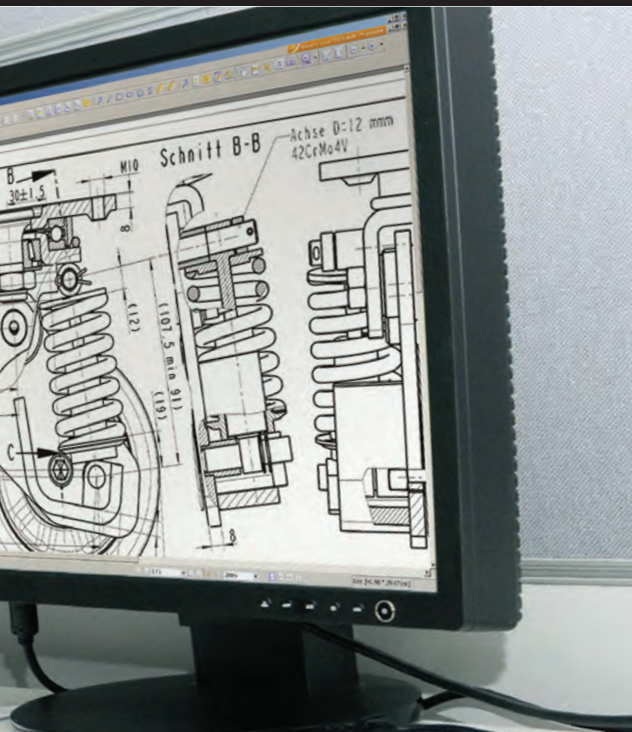






**FREE CAD  
DOWNLOAD**

FEA to optimize products



Initial sample testing for product release

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



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



In-house tool making ensures the highest precision

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

# Processing of up to 700 tons of pressure. Perfection. Made in Germany.

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

We rely on flexibility when it comes to steel working. Our comprehensive pool of presses includes hydraulic and excentric presses with up to 700 tons press power.  $\frac{3}{8}$ "-thick coils can be punched fully automatically with them. The presses have been optimised for the production of rigs. As a result, we are able to manufacture very large quantities economically and are flexible enough to also take care of small batches at low costs.

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



Concentrated force: Our modern pool of presses with up to 700 tons press power



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



Microscopic weld seam inspection

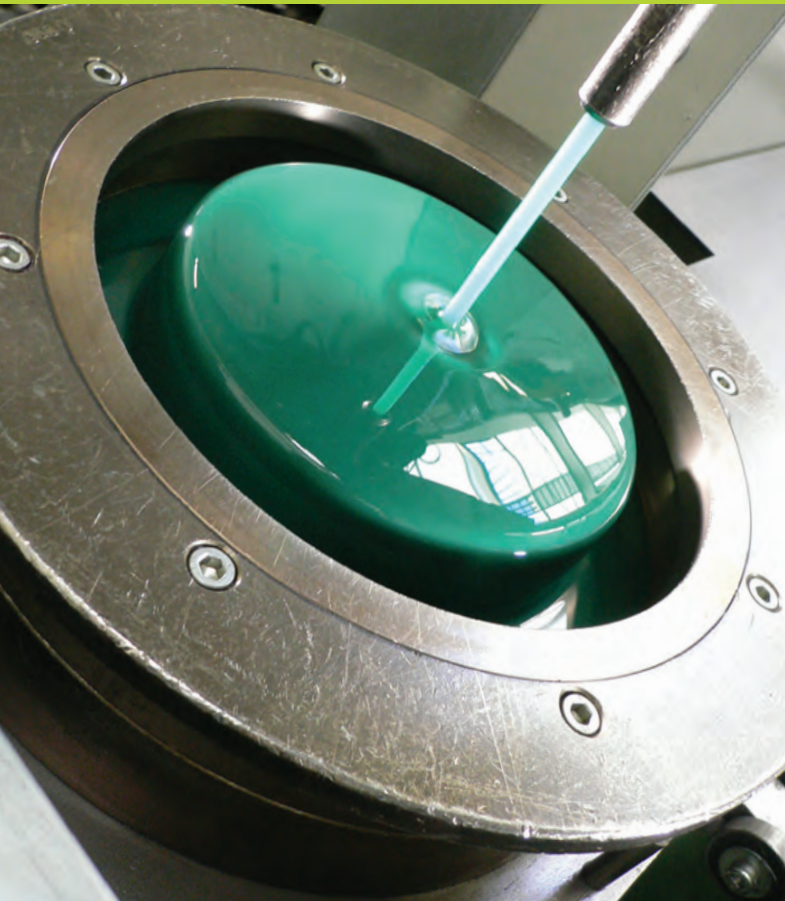


**Good connections are the basis for durability.  
Precision is a deciding factor when welding.**

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



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



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

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



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



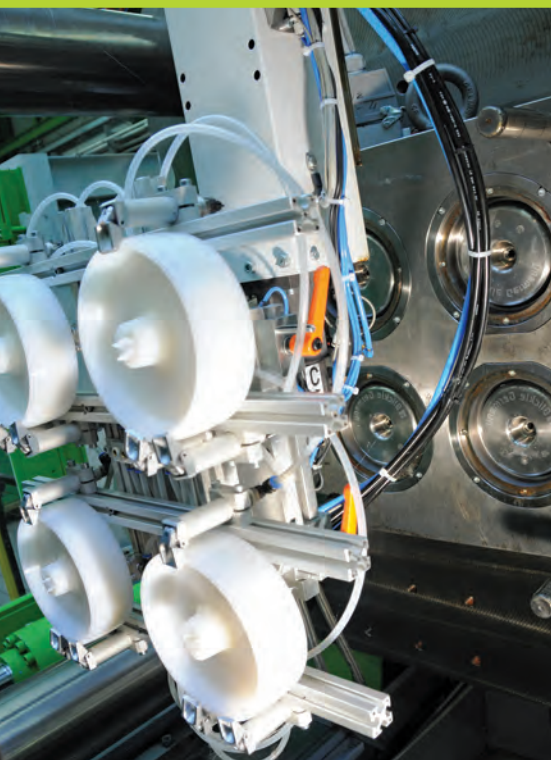
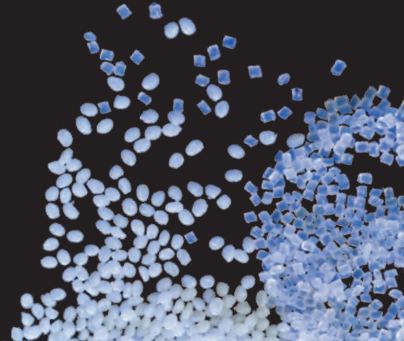


## Innovation in plastics processing. Plastic injection molding.

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

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

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



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

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

Almost 700,000 square feet of floor space are used to produce over 15 million casters and wheels every year, more than 60,000 products each day. Following the motto 'machines where possible and people where necessary', assembly is primarily taken over by camera-monitored robots. Our flexibility is mainly due to the use of manual labor for customer-specific small batches. Many testing and control stations integrated in the production lines guarantee a high level of quality.



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



LOGISTICS: WHAT WE DO TO REACH YOU.

## Our center for customer satisfaction: The Blickle logistics center.

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



The 2-story logistics center has a space of 30,000 square feet on every floor. The goods receiving department and the shipping department are located on the ground floor and consignment and packaging of the goods are on the top floor. There are 8 loading ramps with various heights.

The high-rack warehouse, which is 250 feet long, 210 feet wide and 135 feet high, has space for 41,000 pallet cages. Inside there are 10 alleys that are served by fully automated rack feeders.

The warehouse for small parts, which is located adjacent to the logistics center, provides room for 54,000 small part containers for up to 130 lbs and is also equipped with fully automated rack feeders.









QUALITY. HOW WE MAKE SURE WE STAY AHEAD.

## The basis of our success: Quality.

**The confidence of our customers is of paramount importance to us: This confidence is earned through hard work as well as through quality and reliability. With our own production facilities based in Germany and our continuing commitment to local manufacturing, we have full control over quality and delivery from the very beginning.**

**The state-of-the-art production facilities guarantee higher processing accuracy and reliability, which we aim to improve every day. This is why we were the first wheel and caster manufacturer to be certified with ISO 9001 in 1994. In 2012, the areas of environment and security (ISO 14001) were added to quality management, followed by energy management (ISO 50001) in 2014.**

A multitude of testing devices are available for our engineers in our test laboratories, including various rotary test benches for loads of up to 6 tons, material test equipment, as well as climatic exposure test cabinets. With our state-of-the-art measuring equipment we carry out wheel and caster tests in accordance to DIN EN 12527-12533 (European standards), ANSI ICWM:2012 (North American standards) and also destructive tests. The first and last parts of every production lot are always approved by a worker. The many testing and control stations in our fully automatic production lines guarantee the high level of quality expected from Blickle. In addition, every product is checked a final time prior to shipment.

3-D digitalization  
with a high-tech camera



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





**ISO 50001**  
CERTIFIED ENERGY MANAGEMENT SYSTEM



**ISO 14001**  
CERTIFIED ENVIRONMENTAL MANAGEMENT SYSTEM



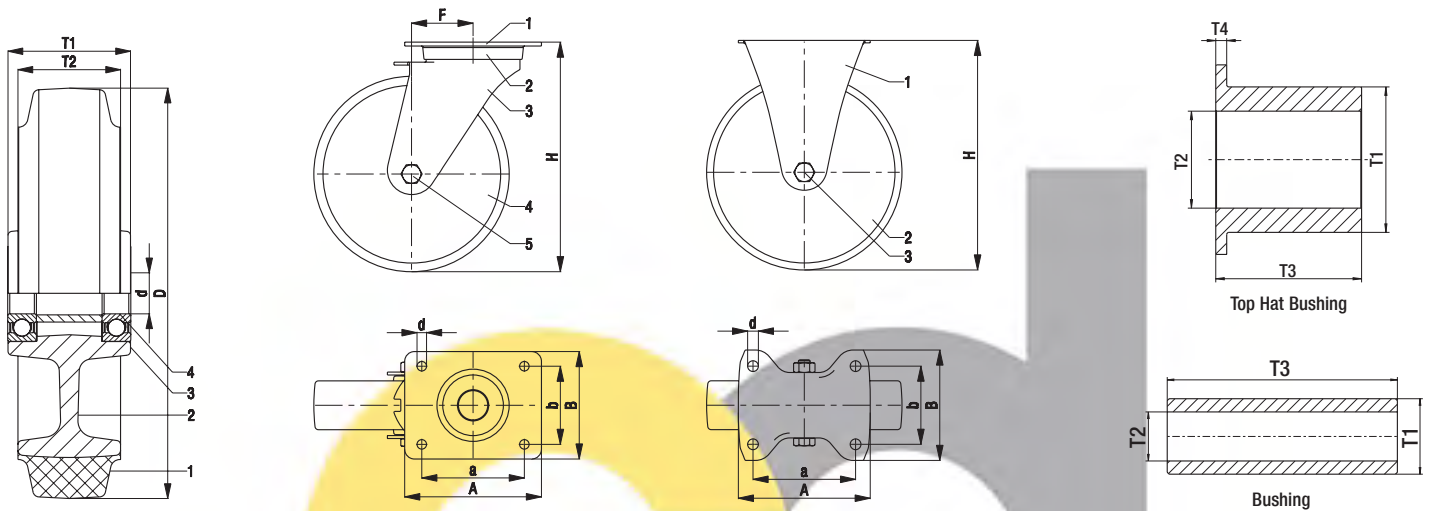
**ISO 9001**  
CERTIFIED QUALITY MANAGEMENT SYSTEM





## Wheel and Caster Guide

### Basics / Terminology



#### Wheel

##### Designations:

- 1 = Tread/tire
- 2 = Wheel center/rim
- 3 = Hub
- 4 = Wheel bearing

##### Dimensions:

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

Wheels consist of tread/tire, wheel center/rim and a wheel bearing.

Depending on their nature, the wheels have different load capacities, rolling resistances and rolling qualities.

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

#### Swivel caster

##### Designations:

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

##### Dimensions:

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

Swivel casters rotate vertically and make appliances, etc. maneuverable. A fork (swivel fork) is fitted to the fitting element by a swivel head (swivel bearing). To enable a smooth swivel motion of the fork, the wheel is generally fitted with a horizontal distance between the axis of the swivel bearing and the wheel (offset). If correctly dimensioned, the offset allows a smooth swivelling of the caster without additional tools as well as directional stability. Swivel casters can be equipped with brake systems to lock:

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

#### Rigid caster

##### Designations:

- 1 = Rigid rig
- 2 = Wheel
- 3 = Wheel axle

##### Dimensions:

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

Rigid casters provide directional stability for appliances, etc. and cannot be swivelled.

#### Bushings

Bushings are available for all plain bore, roller bearing and precision ball bearing wheels to allow the use of 3/8", 1/2", 3/4" and 1" axles in caster assemblies. More dimensions and pricing are available upon request.

Product Code Top Hat Bushing	For Axle [inch]	Outer Ø (T1) [mm]	Inner Ø (T2) [inch]	Total Length (T3) [mm]	Flange Width (T4) [mm]
251165	3/8	15	10	15	1
758610	1/2	20	13	20	1.5
467852	3/8	20	10	20	1
758111	3/4	25	19	22	1.5
742069	1	30	25.6	16	1.5

Product Code Bushing	For Axle [inch]	Outer Ø (T1) [mm]	Inner Ø (T2) [inch]	Total Length (T3) [mm]
133355	3/8	15	11	46
242057	3/8	15	11	61
133728	1/2	20	13	61
481671	5/16	12	9	47
133363	3/8	15	11	46
280032	5/16	15	9	46

## Wheel and Caster Guide

### Load Capacity / Wheel and Caster Types

#### Load capacity

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

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

T = Required load capacity of the wheel or caster  
E = Dead weight of the transport unit  
Z = Maximum additional load  
n = Number of wheels or casters 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 casters, straight travelling, ambient temperatures between +60° F and +82° F). The safety factor is influenced by the speed and the ratio between wheel Ø and height of the obstacles. A distinction is drawn between four categories:

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

Safety factors do not consider abrasion of the tread.

Speeds higher than 2.5 mph (4 km/h) with a reduced load capacity are possible for wheels and casters with ball bearings fitted.

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

**The load capacity is stated in kg or lbs. All load capacities given in lbs are in accordance to the ANSI ICWM:2012 norm. All load capacities given in kg are in accordance to DIN EN 12530, 12532 and 12533.**



**Blickle light duty wheels and casters**

Light duty wheels and casters and compact casters are mainly used with appliances and equipment for internal applications. They are designed for travelling speeds of up to 1.9 mph (3 km/h). The maximum load capacity is 615 lbs (280 kg) for light duty wheels and casters and 3,850 lbs (1,750 kg) for compact casters. They fulfil all requirements for high maneuverability of the respective appliances as well as for maximum smooth rolling performance at low rolling resistances. Typical application areas are medical equipment, display bases, equipment for large-scale catering establishments, etc.

Blickle light duty wheels and casters and compact casters are tested in regards of load capacity on a rotating bench

 in North America in acc. to ANSI ICWM:2012:

The most significant test characteristics are as follows:

- Speed: 2.0 mph minimum
- Obstacle height is 3 % of the wheel diameter to a maximum height of 3/16"
- The minimum run time of each cycle is 2 min
- Test duration: Minimum run distance is 1.5 miles

 in Europe in acc. to DIN EN 12530:

The most significant test characteristics are as follows:

- Speed: 2.0 mph (3 km/h)
- Temperature: +60° F to +82° F
- Hard, horizontal surface with obstacles of 3 % of the wheel diameter
- Test duration: Number of obstacles crossed corresponds ten times the wheel diameter (in mm)
- Break time: Max. 3 min after each 3 min running time




**Blickle wheels and casters for transport equipment**

Wheels and casters for transport equipment are used in the industrial sector, both indoor and outdoor. They are designed for travelling speeds of up to 2.5 mph (4 km/h). The maximum load capacities amount to 1,980 lbs (980 kg). Transport equipment wheels and casters are insensitive to environmental influences, largely maintenance-free and run trouble-free over a long period of time.

Typical application areas cover many types of equipment including pallets, working platforms, and waste containers.

Blickle wheels and casters for transport equipment are tested in regards of load capacity on a rotating bench

 in North America in acc. to ANSI ICWM:2012:

The most significant test characteristics are as follows:

- Speed: 2.0 mph minimum
- Obstacle is 2" wide steel with a chamfer 45° by one-half the obstacle height on the running edges
- The obstacle height is 1/16" (wheel diameter 0"-3"), 1/8" (wheel diameter > 3"-12"), and 3/16" (wheel diameter > 12")
- The minimum run time of each cycle is 2 min
- Test duration for: Minimum run distance is 4 miles. Number of obstacles crossed for top plate casters is 5,000 (wheel diameter 0"-12") and 7,500 (wheel diameter > 12")

 in Europe in acc. to DIN EN 12532:

The most significant test characteristics are as follows:

- Speed: 2.5 mph (4 km/h)
- Temperature: +60° F to +82° F
- Hard, horizontal surface with obstacles of the following heights:  
5 % of the wheel diameter for wheels with soft tread (hardness < 90° shore A)  
2.5 % of the wheel diameter for wheels with hard tread (hardness ≥ 90° shore A)
- Test duration: 15,000 x wheel circumference (in mm), at least 500 obstacles crossed
- Break time: Max. 1 min after each 3 min running time




**Blickle heavy duty wheels and casters**

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

Blickle heavy duty wheels and casters are tested in regards of load capacity on a rotating bench:

 in North America in acc. to ANSI ICWM:2012:

- The most significant test characteristics are as follows:
- Speed: 2.0 mph minimum
  - Obstacle is 2" wide steel with a chamfer 45° by one-half the obstacle height on the running edges
  - The obstacle height is 1/16" (wheel diameter 0"-3"), 1/8" (wheel diameter > 3"-12"), and 3/16" (wheel diameter > 12")
  - The minimum run time of each cycle is 2 min
  - Test duration for: Minimum run distance is 4 miles. Number of obstacles crossed for top plate casters is 5,000 (wheel diameter 0"-12") and 7,500 (wheel diameter > 12")

 in Europe at 2.5 mph (4 km/h) in acc. to DIN EN 12532 and at higher speeds to 12533:

- The most significant test characteristics in acc. to DIN EN 12532/12533 are as follows:
- DIN EN 12532: Speed: 2.5 mph (4 km/h)  
DIN EN 12533: Speed: 3.7 mph (6 km/h), 6.2 mph (10 km/h), 10 mph (16 km/h), 15.5 mph (25 km/h) (norm: max. 10 mph (16 km/h))
  - Temperature: +60° F to +82° F
  - Hard, horizontal surface with obstacles of the following height:  
5 % of the wheel diameter (in mm) for wheels with soft tread (hardness < 90° shore A)  
2.5 % of the wheel diameter (in mm) for wheels with hard tread (hardness ≥ 90° shore A)
  - DIN EN 12532: Test duration: 15,000 x wheel circumference (in mm), at least 500 obstacles crossed
  - DIN EN 12533: Test duration: Number of obstacles crossed corresponds five times the wheel diameter (in mm)
  - Break time: Max. 1 min after each 3 min running time

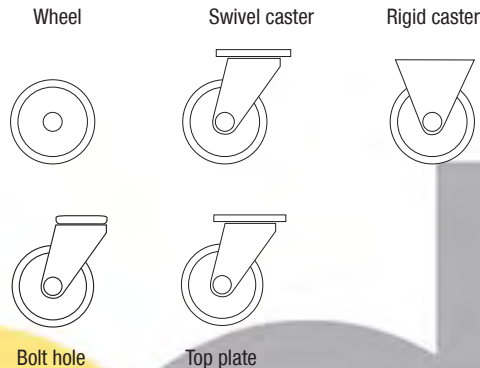


## Wheel and Caster Guide

### Selection Criteria for Wheels and Casters

#### 1. Select your product.

Depending on the type of application, wheels, swivel and rigid casters can be used. Swivel casters will rotate while rigid casters will only operate in the running direction. The casters can be fitted with a top plate, bolt hole, stem, expander or plug-in pin.



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

The required load capacity of a wheel or caster is calculated from the dead weight of the transport unit and its additional load, divided by the number of wheels or casters used. The result is multiplied by a safety factor which is dependent upon the application conditions. (Description refer to page 21)

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

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

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

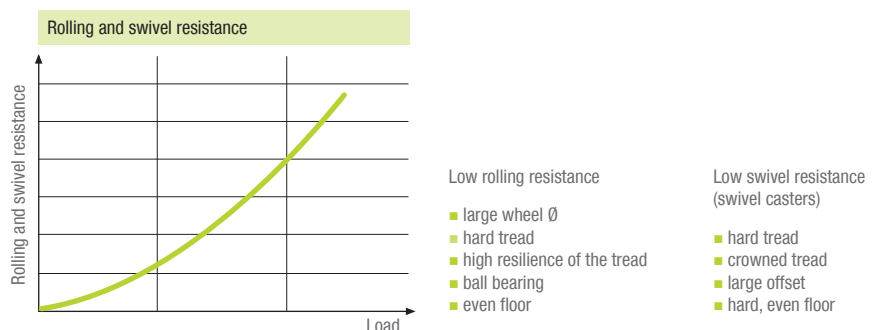
The hardness, shape and tread material have a considerable influence on the operational comfort, smooth rolling performance and starting, rolling and swivel resistance of the wheels or casters. Generally, a wheel tread or tire should be softer than the floor otherwise damage to the floor can occur.

Material of the tread	Tread & tire hardness	Operating noise
Pneumatic tires, soft rubber	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div></div>
Elastic solid rubber, super-elastic solid rubber	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div></div>
Solid rubber, TPE, Softthane®, Bestthane® Soft, silicone rubber	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div></div>
TPU, Extrathane®, Bestthane®	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div></div>
Steel, cast iron, nylon, polypropylene, phenolic resin	<div><div></div><div></div><div></div><div></div><div></div></div>	<div><div></div><div></div><div></div><div></div><div></div></div>
	soft —————> hard	noisy —————> silent

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

The starting, rolling and swivel resistance of a wheel or caster are significantly influenced by the tread, bearing type, wheel Ø, total load and condition of the floor.

The maneuverability of the transport unit depends on the number, type and arrangement of the casters. These factors will also have an influence on the load capacity, mobility, guidance, turning circle and stability of the vehicle.



## Wheel and Caster Guide

### Selection Criteria for Wheels and Casters

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

To select a suitable bearing, the load, speed, environmental influences and the amount of force needed to bring the transport unit into motion need to be considered.

Plain bores are simple, rugged and are greatly resistant to humidity, but have an unfavorable friction coefficient, resulting in a relatively high starting and rolling resistance.

Roller bearings are rugged, have a low rolling resistance and a low radial bearing clearance.

Ball bearings offer the best starting and rolling characteristics, the lowest bearing clearance, high load capacities and are suitable for higher speeds.



Plain bore



Roller bearing



Ball bearing



Ball bearing (C)



Ball bearing (C)  
with ball bearing seals



Ball bearing  
with ball bearing seals

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

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

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



Testing of hydrolysis resistance

#### 7. You require options?

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

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



STOP  
FIX



IDEAL  
STOP



STOP  
TOP



CENTRAL  
STOP



DRUM  
BRAKE



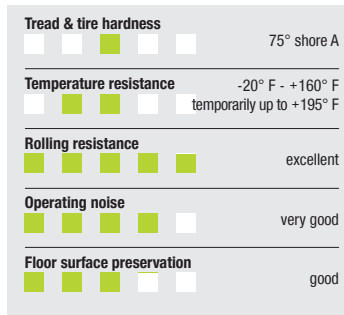
Please also use our intelligent product finder and the free CAD download on the internet:





## Wheel and Caster Guide

# Tread & Tire Hardness. Temperature Resistance. Starting and Rolling Resistance. Operating Noise. Floor Surface Preservation. Corrosion Resistance.



Infobox Bickler wheel series

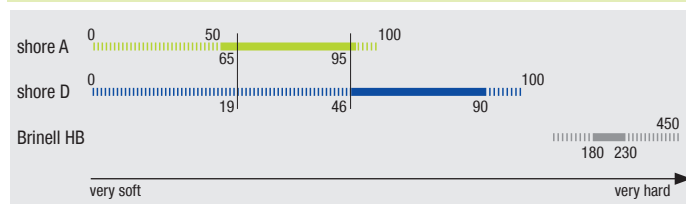
### Floor surface preservation

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

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

Pneumatic tires	~ 120 psi
Soft rubber	~ 120 psi
Super-elastic solid rubber	~ 220 psi
Elastic solid rubber	~ 260 psi
Solid rubber/polyurethane (approx. 75° shore A)	~ 510 psi
Polyurethane (approx. 92° shore A)	~ 1,160 psi
Thermoplastic polyurethane	~ 1,600 psi
Polypropylene/nylon	~ 5,800 psi
Cast nylon	~ 9,000 psi
Cast iron	~ 51,000 psi
Steel	~ 72,000 psi

### Hardness range for Bickler wheel series



Between the different hardness test methods there are no linear correlations. The presented values only serve as reference values and were determined empirically.

### Tread & tire hardness

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

The specification of the hardness is made for

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

### Temperature resistance

The temperature resistance is illustrated by an Infobox with a summary of the specification.

Marks on the left indicate that the wheels are suitable in particularly cold temperatures, marks on the right in particularly high temperatures. Besides the illustration the application ranges are indicated by concrete values. In the specified temperature application range the wheel characteristics such as tread & tire hardness, load capacity, starting and rolling resistance can change.

### Starting and rolling resistance

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

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

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

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

- Even, free of dirt steel surface without obstacles
- Speed: 2.5 mph (4 km/h)
- Temperature: +68° F (+20° C)
- Load: 2/3 of the max. load capacity

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

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

The swivel resistance depends on the following factors:

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

### Operating noise

The more points shown on the scale, the less vibration and lower noise emission during the transport of the goods will be noticed.

The basic principle is: The larger the wheel and softer as well as thicker the tread, the smoother a vehicle can be moved. This means that a soft tread associates with lower, and a harder tread associates with higher noise emission. With low loads and a soft surface (i.e. carpet), hard wheels with low noise emission and high operational comfort can be used.

### Corrosion resistance

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

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

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

In case of small damages zinc-plated surfaces have the advantage that zinc starts to corrode before steel due to electrochemical processes. Therefore the bright spot does not rust. The zinc-plated components undergo an additional chemical treatment which is called passivation. A distinction is made between blue and yellow passivation as the yellow passivation provides a better protection against corrosion than blue passivation. All of our products are in compliance with ✓RoHS (directive 2011/65/EU), i.e. they are Cr6-free. Advantages of zinc-nickel plating, which can be additionally passivated and sealed, are high temperature resistance and prevention of white rust. Lacquered components lose their corrosion protection when the lacquer coating is damaged. The rust also damages intact layers which are located directly next to the affected area.

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

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



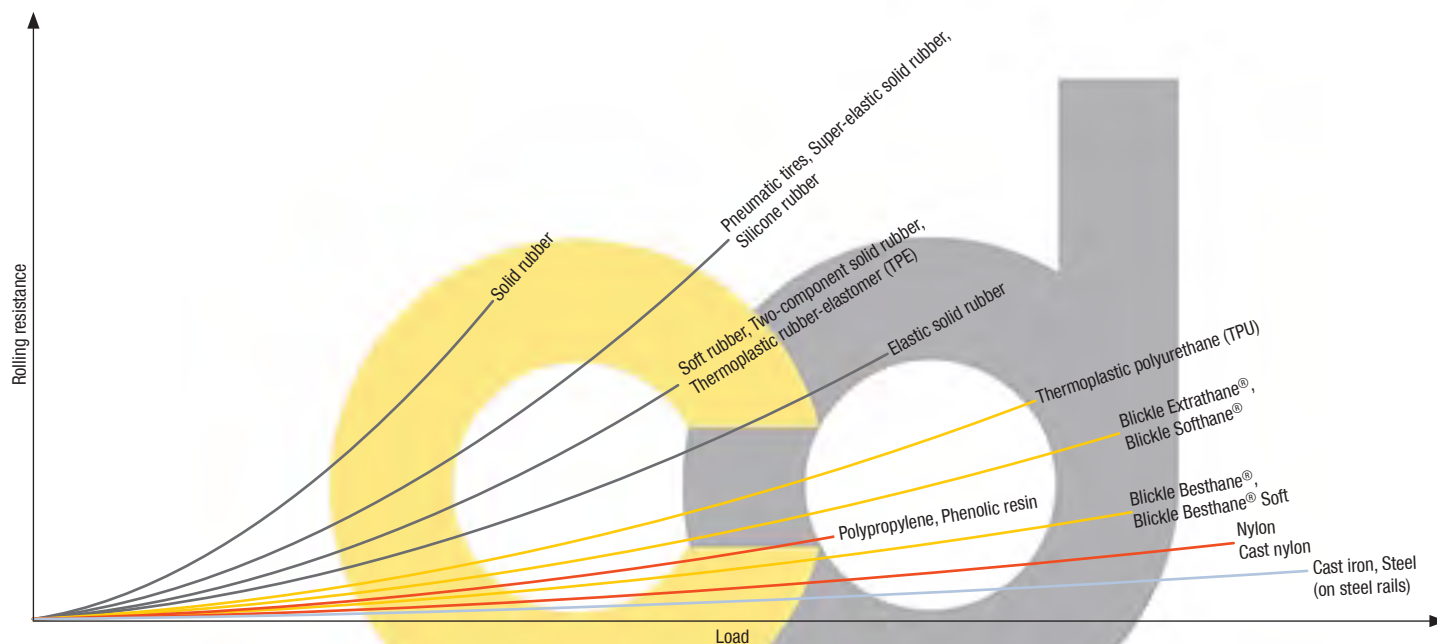
Stainless steels have a well-known good corrosion behavior. The primary used material (1.4301/AISI 304) is a high-alloyed chromium-nickel steel.

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

## Wheel and Caster Guide

### Rolling Resistance

Rolling resistance of different Bickler tread materials



Tread material	Wheel series	Refer to page
<b>Rubber</b>		
Solid rubber	VE	66
Thermoplastic rubber-elastomer (TPE)	TPA	64
Elastic solid rubber	POEV ALEV SE GEV REV	67 67 67 60 86
Pneumatic tires	P PS	68 68
Super-elastic solid rubber	VLE	69
Silicone rubber	POSI	81

Tread material	Wheel series	Refer to page
<b>Polyurethane</b>		
Thermoplastic polyurethane (TPU)	PATH POTH	65 70
Bickler Softthane® polyurethane-elastomer	ALST GST	71 71
Bickler Bestthane® Soft polyurethane-elastomer	ALBS	72
Bickler Extrathane® polyurethane-elastomer	ALTH VSTH / GTH FTH FSTH HTH HTHW RTH GTHN	73 73 83 83 84 84 86 75
Bickler Bestthane® polyurethane-elastomer	GB RB	74 86

Tread material	Wheel series	Refer to page
<b>Synthetics</b>		
Nylon	POA PO POG POW SPOG POHI HPO	76 76 76 77 77 82 85
Cast nylon	GSPO SPKGSPO DSPKGSPO	78 79 80
<b>Metal</b>		
Cast iron	SPK	79
Steel	DSPK	80



## Wheel and Caster Guide

### Blickle Polyurethane Treads

#### Blickle treads – Advantages at a glance

Customized for various kinds of applications Blickle has developed four types of polyurethane. Many years of research and development as well as our experience with polyurethane and wheels have made us experts for Softhane®, Besthane® Soft, Extrathane®, Besthane® treads.

All treads impress with their consistent high quality and very good characteristics. Wheels with Blickle Extrathane® and Blickle Softhane® are also available in antistatic. In addition, all treads can be supplied in special colors if adequate quantities are ordered.



In comparison

Standard - solid elastic rubber

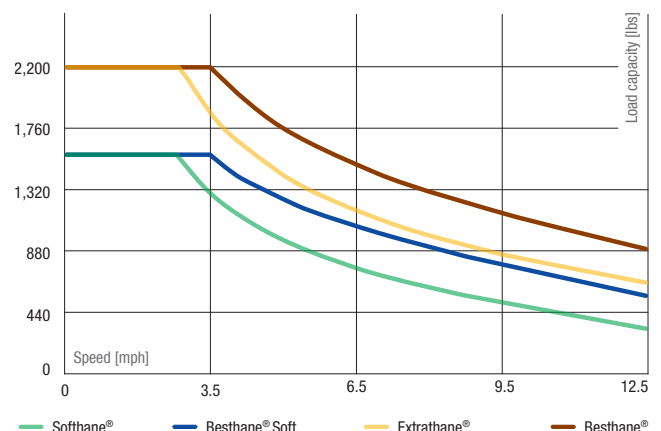
	Norm	Blickle Softhane®	Blickle Besthane® Soft	Blickle Extrathane®	Blickle Besthane®	
Shore hardness A	DIN ISO 7619	75° ± 5° Shore A	75° ± 5° Shore A	92° ± 3° Shore A	92° ± 3° Shore A	65° ± 3° Shore A
Abrasion resistance	DIN ISO 4649	42 - 45 mm³ (2.56x10 <sup>-3</sup> - 2.75x10 <sup>-3</sup> )	42 - 45 mm³ (2.56x10 <sup>-3</sup> - 2.75x10 <sup>-3</sup> )	39 - 45 mm³ (2.38x10 <sup>-3</sup> - 2.75x10 <sup>-3</sup> )	35 - 41 mm³ (2.14x10 <sup>-3</sup> - 2.50x10 <sup>-3</sup> )	180 mm³ (1.10x10 <sup>-3</sup> )
Rebound resilience	DIN 53512	57 %	75 %	42 %	65 %	55 %
Rolling resistance	at Ø 8"	1.0 %	0.8 %	0.9 %	0.7 %	1.3 %
Tensile strength	DIN 53504	40 N/mm² (5,800 lb/in²)	43 N/mm² (6,200 lb/in²)	42 N/mm² (6,100 lb/in²)	46 N/mm² (6,700 lb/in²)	16 N/mm² (2,300 lb/in²)
Breaking elongation	DIN 53504	520 %	600 %	510 %	625 %	380 %
Compression set	DIN ISO 815	15 %	11 %	16 %	12 %	10 %
Hydrolysis resistant tread		—	—	—	—	—
Flexibility in cold temperatures		0	+	0	+	0
Resistance to chemical substances, UV and radiation		++	++	++	++	0
Dynamic load capacity		+	+	+	++	+
Cut and tear resistance		++	++	++	++	—
Suitable for high speeds		+	++	+	++	+
Driving comfort		++	++	+	+	++

■ yes ++ very good + good 0 limited — no



Testing of hydrolysis resistance and flexibility in cold temperatures in a climatic exposure test cabinet

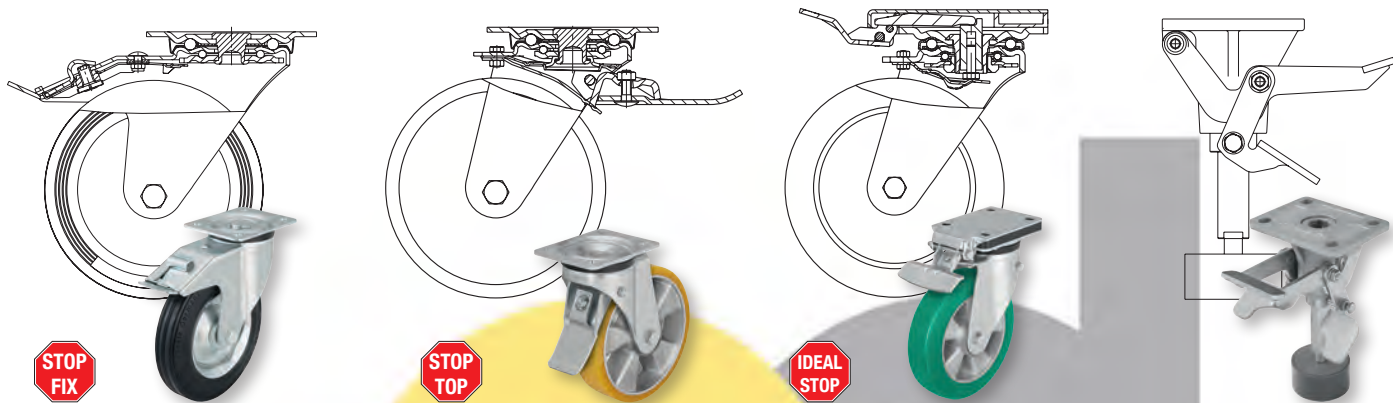
Dynamic load capacity at different speeds (wheel-Ø 8")



## Wheel and Caster Guide

### Options

#### Wheel and Swivel Head Brakes / Truck Locks



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

(Product code suffix: -FI)

**For light duty, transport equipment and heavy duty casters**

This 'trailing' brake system provides a positive locking of the swivel head. The locking of the wheel is achieved by a non-positive, very strong brake mechanism, designed for high security and long service life. A brake spring engages in a toothed spherical disc and locks both the swivel head and the wheel due to the special design of the spring.

The holding pressure is adjustable and readjustable for LK and LKX rig series (wheel Ø 5"x2" or larger) and LH rig series.

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

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

(Product code suffix: -ST)

**For transport equipment and heavy duty casters**

This 'non-trailing' brake system provides a non-positive locking of the swivel head (except LE and L rig series with wheel Ø 3" - 5"). The locking of the wheel is achieved by a non-positive, very strong brake mechanism, designed for high security and long service life.

The holding pressure is adjustable and readjustable.

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

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

(Product code suffix: -IS)

**For transport equipment and heavy duty casters with european metric top plate fitting 140x110 / 105x75-80 mm**

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

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

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

The holding pressure is adjustable and readjustable.

The casters of the LH rig series equipped with these brakes have a total height which exceeds that of casters without 'ideal-stop' by  $\frac{4}{32}$ ". A synthetic adapter plate (product code: AP3) is available for the height adjustment of casters without these brakes.

Refer to 'Options' on product pages.



#### Blickle truck locks

(Product code: FF...)

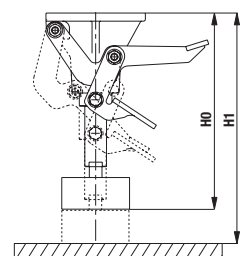
**Independent floor lock brake system**

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

When operated, the truck lock deflects by approx.  $\frac{3}{8}$ ". The maximum surface contact pressure in combination with the respectively suitable casters amounts to approx. 130 lbs. Truck locks can be combined with LH and LS caster series.

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

Product code	Total height unoperated (H0) [inch]	Total height operated, fully extended (H1) [inch]
FF 125	5 $\frac{7}{8}$	7 $\frac{1}{16}$
FF 150	6 $\frac{11}{16}$	8 $\frac{1}{8}$
FF 160	6 $\frac{7}{8}$	8 $\frac{3}{8}$
FF 200	8 $\frac{9}{16}$	10 $\frac{1}{32}$

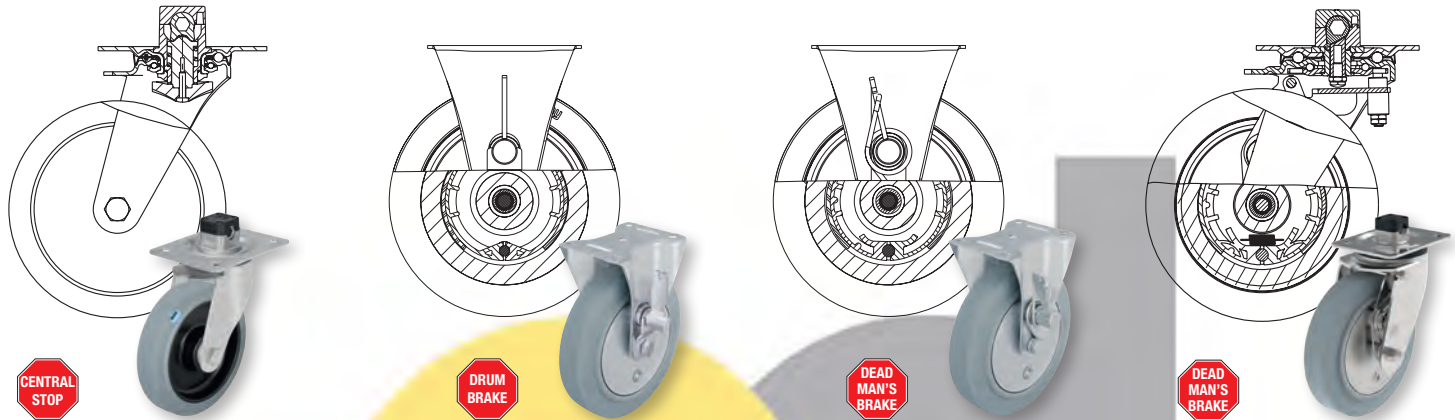




## Wheel and Caster Guide

### Options

#### Wheel and Swivel Head Brakes / Brakes



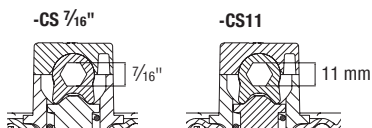
#### Blickle central brakes 'central-stop'

(Product code suffix: -CS7/16" / -CS11)

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

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

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



#### Rigid casters with Blickle drum brake

(Product code suffix: -TB)

##### For transport equipment and heavy duty casters

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

Refer to page 60.

#### Rigid casters with Blickle dead man's brake

(Product code suffix: -TML / -TMR)

##### For transport equipment and heavy duty casters

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

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

Refer to page 60.

#### Swivel casters with Blickle dead man's brake

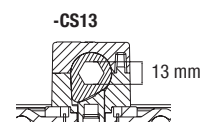
(Product code suffix: -TM13 / -TTM13)

##### For transport equipment and heavy duty casters

The dead man's brake is based on a drum brake, however an integrated spring ensures the brake is applied in a non-operated condition. Switch cam operated.

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

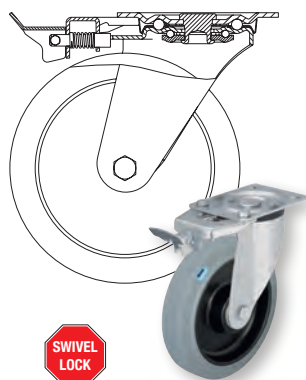
Refer to page 61.



## Wheel and Caster Guide

### Options

#### Swivel Locks



##### Blickle swivel lock for pressed steel swivel casters

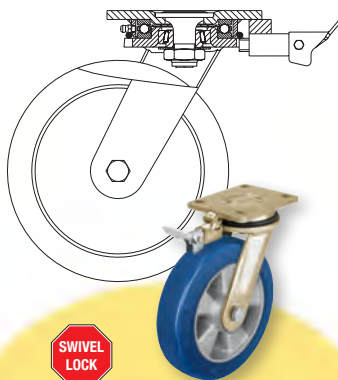
(Product code: RL...)

Swivel locks will lock the swivel motion of a swivel caster to specified directional positions. Swivel casters with activated swivel locks can assume the function of rigid casters.

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

This option is available for various swivel caster series, also stainless steel versions. Refer to 'Options' on product pages.

In some cases swivel locks can be combined with Blickle's total lock system "stop-top" (-ST).



##### Blickle swivel lock for welded steel swivel casters

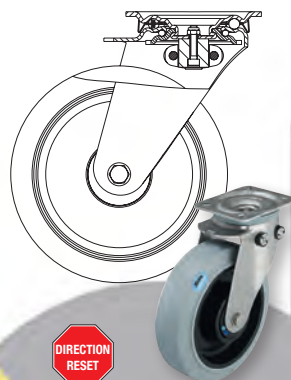
(Product code suffix: -RL...)

Swivel locks will lock the swivel motion of a swivel caster to specified directional positions. Swivel casters with activated swivel locks can assume the function of rigid casters.

These swivel locks are integrated units which are welded to the top plate. In addition to the standard positions of 180° (product code suffix: -RL2, two locking positions) and 90° (product code suffix: -RL4, four locking positions), these swivel locks can also be adapted to customer-specific locking requests. This version is rugged and adapted to heavy duty caster applications.

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

Upon request retrofittable and field-replaceable swivel locks can be offered.



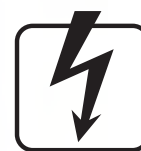
##### Automatic direction reset device

(Product code suffix: -RIR2)

Automatic direction reset devices align swivel casters to specified directional positions in an unloaded state. This mechanism reduces handling interferences of transport vehicles which are used in automated installations as well as loading and unloading stations.

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

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



##### Antistatic / Electrically conductive

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

A wheel or caster is deemed to be electrically conductive if the resistance does not exceed  $10^4 \Omega$  (product code suffix: -EL or -ELS). A wheel or caster is deemed to be antistatic if the resistance does not exceed  $10^7 \Omega$  (product code suffix: -AS).

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

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

##### Detailed view swivel locks



##### Blickle swivel lock for heavy duty swivel casters

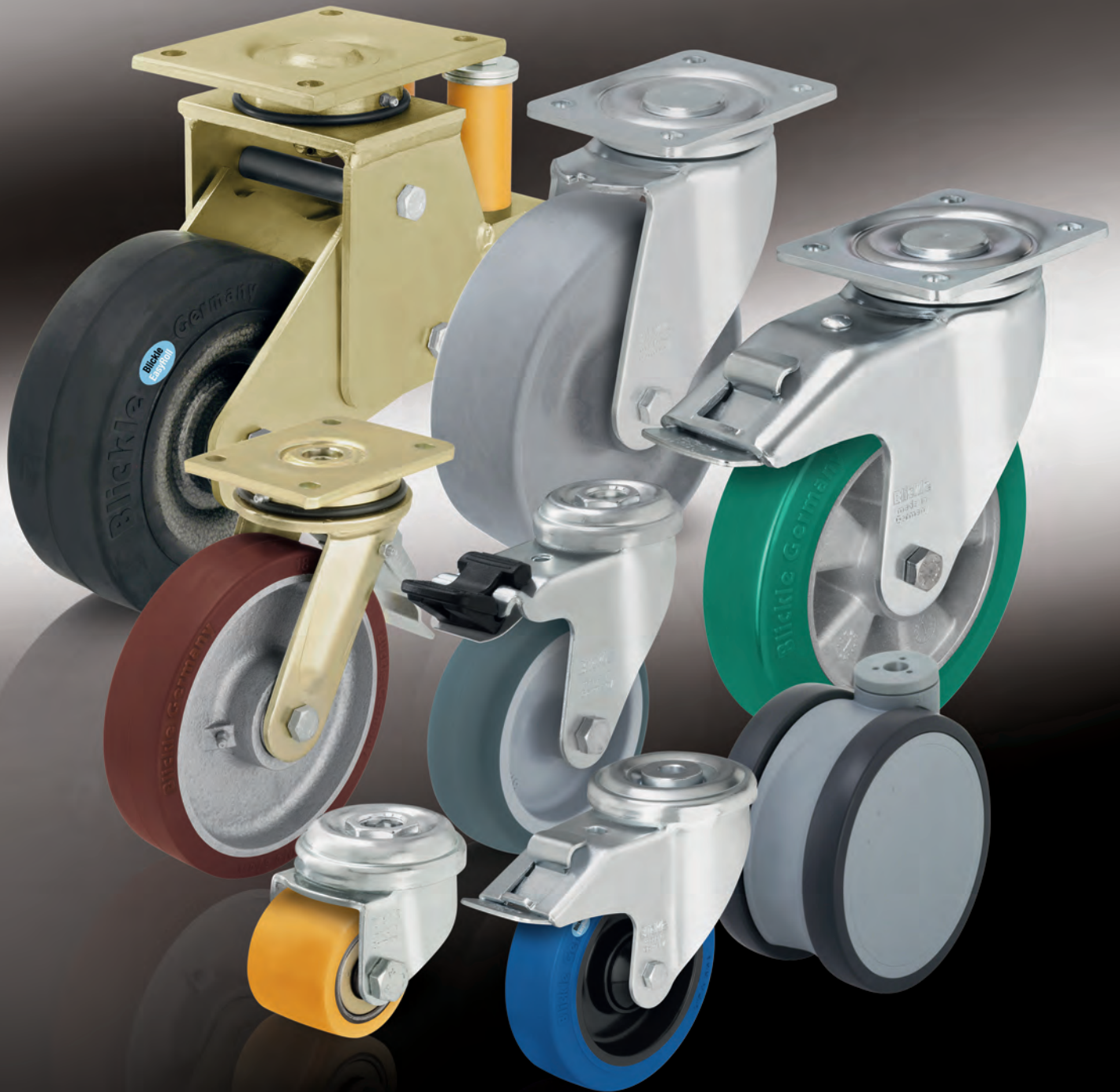
These swivel locks are units which are integrated to the top plate and offer four locking positions (90°) which are rigid by inserting a locating pin. This version is extremely rugged and adapted to heavy duty caster applications.

This option is available for various heavy duty swivel caster series upon request.








































## Caster Section



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[casterdepot.com](http://casterdepot.com)

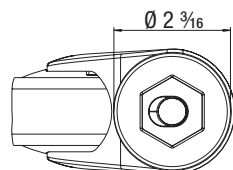
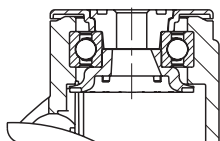
<b>WAVE Series</b>	Design Bolt Hole Synthetic Swivel Casters	 		up to 240 lbs	32	<b>1</b>
<b>MOVE Series</b>	Design Bolt Hole Synthetic Double Swivel Casters	 		up to 330 lbs	33	<b>1</b>
<b>LRA Series</b>	Light Duty Institutional Bolt Hole Swivel Casters			up to 220 lbs	34	<b>2</b>
<b>LKRA Series</b>	Medium Duty Institutional Bolt Hole Swivel Casters			up to 330 lbs	35	<b>2</b>
<b>LKRXA Series</b>	Medium Duty Stainless Steel Institutional Bolt Hole Swivel Casters			up to 265 lbs	36	<b>2</b>
<b>LKPA 12-Series</b>	Medium Duty Institutional Top Plate Swivel Casters			up to 330 lbs	37	<b>2</b>
<b>LKPXA 12-Series</b>	Medium Duty Stainless Steel Institutional Top Plate Swivel Casters			up to 265 lbs	38	<b>2</b>
<b>L 12-Series</b>	Medium Duty Industrial Top Plate Casters			up to 400 lbs	40	<b>3</b>
<b>LER Series</b>	Medium Duty Industrial Bolt Hole Casters			up to 660 lbs	42	<b>3</b>
<b>LEXR Series</b>	Medium Duty Stainless Steel Industrial Bolt Hole Swivel Casters			up to 660 lbs	43	<b>3</b>
<b>LK/LE 14-Series</b>	Industrial Top Plate Casters			up to 770 lbs	44	<b>3</b>
<b>LKX 14-Series</b>	Stainless Steel Industrial Top Plate Casters			up to 770 lbs	46	<b>3</b>
<b>LEX 14-Series</b>	Stainless Steel Industrial Top Plate Casters			up to 660 lbs	47	<b>3</b>
<b>LEH 14-Series</b>	Medium Duty Industrial Top Plate Casters			up to 1,250 lbs	48	<b>3</b>
<b>LH 14/16-Series</b>	Heavy Duty Industrial Top Plate Casters			up to 2,000 lbs	50	<b>4</b>
<b>LS 16-Series</b>	Extra Heavy Duty Top Plate Casters			up to 2,750 lbs	52	<b>4</b>
<b>LHF 14/16-Series</b>	Medium Duty Spring-Loaded Top Plate Casters with Steel Spring			up to 1,750 lbs	54	<b>5</b>
<b>LSFE 16-Series</b>	Heavy Duty Spring-Loaded Top Plate Casters with Polyurethane Spring			up to 2,200 lbs	55	<b>5</b>
<b>LI 12-Series</b>	Medium Duty Heat-Resistant Industrial Top Plate Casters			up to 330 lbs	56	<b>6</b>
<b>LIX Series</b>	Medium Duty Heat-Resistant Stainless Steel Industrial Top Plate Casters - Metric Standards	 		up to 330 lbs	57	<b>6</b>
<b>Casters with Pneumatic and Soft Solid Tires</b>	Medium Duty Industrial Top Plate Casters - Metric Standards			up to 1,000 lbs	58	<b>7</b>
<b>HRLK Series</b>	Industrial Top Plate Casters with Integrated Truck Lock - Metric Standards			up to 660 lbs	59	<b>8</b>
<b>Drum and Dead Man's Brake Casters</b>	Medium Duty Industrial Top Plate Rigid and Swivel Casters - Metric Standards			up to 1,350 lbs	60	<b>9</b>



# WAVE Series for 1/2" Mounting Bolt

## Design Bolt Hole Synthetic Swivel Casters

 220 - 240 lbs

 RoHS


The LWG and LWGX rig series with bolt hole fitting in silver gray (RAL 7001) are available with the following wheels:

 **BLICKLE**  
DESIGN LINE

TPA



Tread: High-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, gray, non-marking, chemically bonded.  
Wheel center: Impact-resistant polypropylene, silver gray.  
Bearing type: **Plain bore**.  
For more information refer to page 64

TPA



Tread: High-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, gray, non-marking, chemically bonded.  
Wheel center: Impact-resistant polypropylene, silver gray.  
Bearing type: **Ball bearing (C)** with synthetic thread guard.  
For more information refer to page 64

Swivel casters	Swivel casters with ‘stop-fix’ brake	Wheel Ø		Wheel width		Load capacity		Bearing type	Total height		Plate Ø	For mount- ing bolt	Offset	G15 page
		[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]		[inch]	[mm]				
LWG-TPA series (plain bore)														
LWG-TPA 101G	LWG-TPA 101G-FI	4	[100]	1 ¼	[32]	220	[100]	Plain bore	5 ⅝	[135]	2 ⅜	½	1 ½	120
LWG-TPA 126G	LWG-TPA 126G-FI	5	[125]	1 ¼	[32]	240	[110]	Plain bore	6 ⅜	[160]	2 ⅜	½	1 ⅞	120
LWG-TPA series (ball bearing)														
LWG-TPA 101K-FK	LWG-TPA 101K-FI-FK	4	[100]	1 ¼	[32]	220	[100]	Ball bearing (C)	5 ⅝	[135]	2 ⅜	½	1 ½	120
LWG-TPA 126K-FK	LWG-TPA 126K-FI-FK	5	[125]	1 ¼	[32]	240	[110]	Ball bearing (C)	6 ⅜	[160]	2 ⅜	½	1 ⅞	120



LWGX-TPA series (plain bore) - corrosion-resistant														
LWGX-TPA 101G	LWGX-TPA 101G-FI	4	[100]	1 ¼	[32]	220	[100]	Plain bore	5 ⅝	[135]	2 ⅜	½	1 ½	123
LWGX-TPA 126G	LWGX-TPA 126G-FI	5	[125]	1 ¼	[32]	240	[110]	Plain bore	6 ⅝	[160]	2 ⅜	½	1 ⅝	123
LWGX-TPA series (ball bearing) - corrosion-resistant														
LWGX-TPA 101XK-FK	LWGX-TPA 101XK-FI-FK	4	[100]	1 ¼	[32]	220	[100]	Ball bearing (C)	5 ⅝	[135]	2 ⅜	½	1 ½	123
LWGX-TPA 126XK-FK	LWGX-TPA 126XK-FI-FK	5	[125]	1 ¼	[32]	240	[110]	Ball bearing (C)	6 ⅝	[160]	2 ⅜	½	1 ⅝	123

More options in the Blickle general catalog G15!

Options




	Electrically conductive version, non-marking gray *	With top plate fitting **	With top plate fitting and swivel lock, combined with tread lock	With stem fitting	With central braking system 'central-stop' ***	With threaded bolt Ø 3/8" or 1/2"	In special color
Product code suffix	LWG(X)E-...-ELS	-P / -PX	-RIFI	-ZA / -ZAX	-CS11		
Available for	ball bearing versions upon request	upon request	wheel Ø 5" upon request	upon request	upon request	upon request	upon request

\* Load capacity is reduced by 35 % \*\* Total height + 1/8"

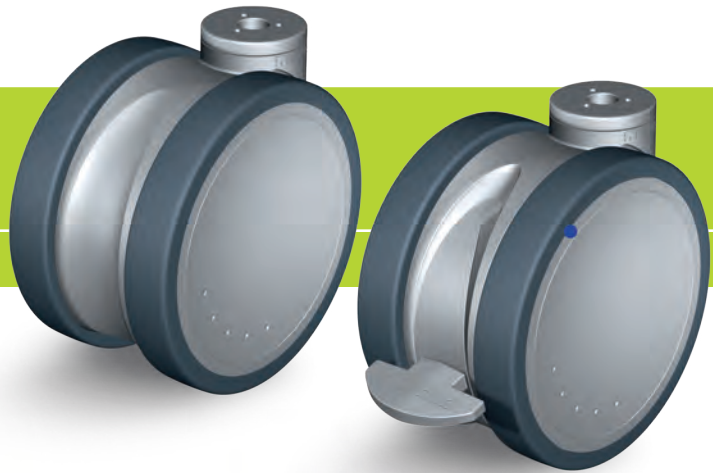
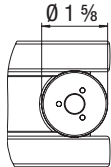
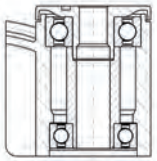
\*\*\* Please pay attention to the metric measurement of the 11 mm switch cam

# MOVE Series for 1/2" Mounting Bolt

## Design Bolt Hole Synthetic Double Swivel Casters

 275 - 330 lbs

 RoHS



1

The LKDG and LKDGX rig series with bolt hole fitting in silver gray (RAL 7001) are available with the following wheel:

PATH



Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded.  
Wheel center: Impact-resistant nylon, silver gray.  
Bearing type: Ball bearing.  
For more information refer to page 65

 **BLICKLE  
DESIGN LINE**



reddot award 2014  
winner



Focus Open 2014  
Special Mention

Swivel casters	Swivel casters with 'stop-fix' brake	Wheel Ø	Caster width	Load capacity	Bearing type	Total height	Plate Ø	For mounting bolt	Offset
		[inch] [mm]	[inch] [mm]	[lbs] [kg]		[inch] [mm]	[inch]	[inch]	[inch]
<b>LKDG-PATH series</b>									
LKDG-PATH 125K	LKDG-PATH 125K-FI	5 [125]	3 1/8 [80]	275 [125]	Ball bearing	5 1/8 [130]	1 5/8	1/2	1 9/16
LKDG-PATH 150K	LKDG-PATH 150K-FI	6 [150]	3 1/8 [80]	330 [150]	Ball bearing	6 1/8 [155]	1 5/8	1/2	2 1/16



<b>LKDGX-PATH series - corrosion-resistant</b>									
LKDGX-PATH 125XK	LKDGX-PATH 125XK-FI	5 [125]	3 1/8 [80]	275 [125]	Ball bearing	5 1/8 [130]	1 5/8	1/2	1 9/16
LKDGX-PATH 150XK	LKDGX-PATH 150XK-FI	6 [150]	3 1/8 [80]	330 [150]	Ball bearing	6 1/8 [155]	1 5/8	1/2	2 1/16

# CasterDepot

## Options



	Electrically conductive version, R < 10 <sup>4</sup> Ω	With threaded bolt Ø 3/8" * or 1/2"	With stem fitting	With top plate fitting **	With central braking system 'central-stop' ***	In special color	In black color
Product code suffix	-ELS		-ZA / -ZAX	-P / -PX	-CS11		LKDB-PUA series
Available for	upon request	upon request	upon request	upon request	LKDG series upon request	upon request	Ø 2", 3", 4" upon request

\* Reduced load capacity to 275 lbs for wheel-Ø 6"    \*\* Total height +5/16"

\*\*\* Please pay attention to the metric measurement of the 11 mm switch cam



## LRA Series for 3/8" Mounting Bolt

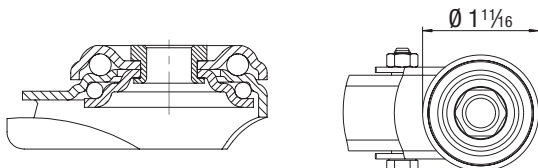
### Light Duty Institutional Bolt Hole Swivel Casters

 110 - 220 lbs




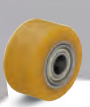
 RoHS



2



The LRA rig series with bolt hole fitting is available with the following wheels:

<b>TPA</b> 	<p>Tread: High-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, gray, non-marking, chemically bonded.</p> <p>Wheel center: Impact-resistant polypropylene, silver gray.</p> <p>Bearing types: Plain bore or ball bearing (C) with synthetic thread guard.</p> <p>For more information refer to page 64</p>	<b>PATH</b> 	<p>Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded.</p> <p>Wheel center: Impact-resistant nylon, silver gray.</p> <p>Bearing type: Ball bearing (C) with synthetic thread guard.</p> <p>For more information refer to page 65</p>
<b>POA</b> 	<p>Wheel: Impact-resistant nylon, 70° shore D, black.</p> <p>Bearing type: Plain bore.</p> <p>For more information refer to page 76</p>	<b>VSTH</b> 	<p>Tread: High-quality polyurethane-elastomer Bicklex Extrathane®, 92° shore A, light brown, non-marking, non-staining. Cast tread.</p> <p>Wheel center: Made of steel.</p> <p>Bearing type: Ball bearing.</p> <p>For more information refer to page 73</p>

Swivel casters	Swivel casters with 'stop-fix' brake	Wheel Ø		Wheel width		Load capacity		Bearing type	Total height		Plate Ø	For mounting bolt	Offset	G15 page
		[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]		[inch]	[mm]	[inch]	[inch]	[inch]	
<b>LRA-TPA series</b>														
LRA-TPA 50G	LRA-TPA 50G-FI	2	[50]	3/4	[19]	110	[50]	Plain bore	2 3/4	[69]	1 1/16	3/8	1	89
LRA-TPA 50K-FK	LRA-TPA 50K-FI-FK	2	[50]	3/4	[19]	110	[50]	Ball bearing (C)	2 3/4	[69]	1 1/16	3/8	1	89
LRA-TPA 75G	LRA-TPA 75G-FI	3	[75]	1	[25]	165	[75]	Plain bore	3 7/8	[98]	1 1/16	3/8	1 1/8	89
LRA-TPA 75K-FK	LRA-TPA 75K-FI-FK	3	[75]	1	[25]	165	[75]	Ball bearing (C)	3 7/8	[98]	1 1/16	3/8	1 1/8	89
LRA-TPA 100G	LRA-TPA 100G-FI	4	[100]	1	[25]	155	[70]	Plain bore	4 3/4	[121]	1 1/16	3/8	1 15/16	89
<b>LRA-POA series</b>														
LRA-POA 50G	LRA-POA 50G-FI	2	[50]	3/4	[18]	165	[75]	Plain bore	2 3/4	[69]	1 1/16	3/8	1	105
LRA-POA 75G	LRA-POA 75G-FI	3	[75]	1	[23]	165	[75]	Plain bore	3 7/8	[98]	1 1/16	3/8	1 1/8	105
<b>LRA-PATH series</b>														
LRA-PATH 50K-FK	LRA-PATH 50K-FI-FK	2	[50]	3/4	[19]	165	[75]	Ball bearing (C)	2 3/4	[69]	1 1/16	3/8	1	100
LRA-PATH 75K-FK	LRA-PATH 75K-FI-FK	3	[75]	1	[25]	165	[75]	Ball bearing (C)	3 7/8	[98]	1 1/16	3/8	1 1/8	100
<b>LRA-VSTH series</b>														
LRA-VSTH 35K		1 3/8	[35]	1 1/16	[27]	220	[100]	Ball bearing	2	[50]	1 1/16	3/8	9/16	109

More options in the Bicklex general catalog G15!

Options




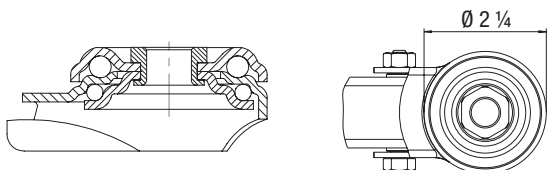
	Rigid casters	With threaded bolt Ø 3/8"	Metal expander fitting	Electrically conductive version, non-marking gray *	Stainless steel version
Product code suffix	BRA series		refer to page 39	-ELS	LRXA series
Available for	wheel Ø 2" and 3" upon request	upon request	wheel Ø 2" and 3" upon request	TPA, PATH series upon request	wheel Ø 2" and 3" upon request

\* Load capacity is reduced by 35 % to guarantee conductivity

# LKRA Series for 1/2" Mounting Bolt




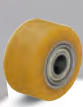
## Medium Duty Institutional Bolt Hole Swivel Casters

 220 - 330 lbs

 RoHS


2

The LKRA rig series with bolt hole fitting is available with the following wheels:

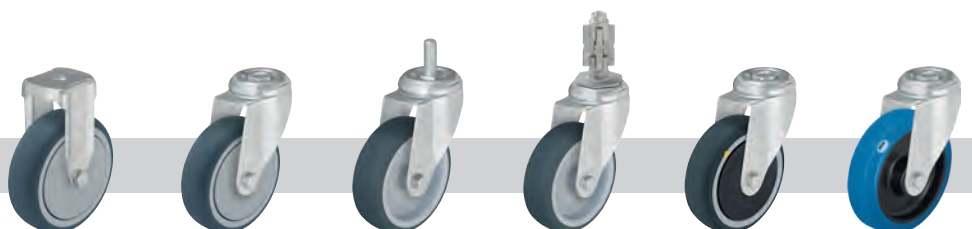
TPA		Tread: High-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, gray, non-marking, chemically bonded. Wheel center: Impact-resistant polypropylene, silver gray. Bearing types: Plain bore or ball bearing (C) with synthetic thread guard. For more information refer to page 64
POA		Wheel: Impact-resistant nylon, 70° shore D, black. Bearing type: Plain bore. For more information refer to page 76
PATH		Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded. Wheel center: Impact-resistant nylon, silver gray. Bearing type: Ball bearing (C) with synthetic thread guard. For more information refer to page 65
VSTH		Tread: High-quality polyurethane-elastomer Bicklex Extrathane®, 92° shore A, light brown, non-marking, non-staining. Cast tread. Wheel center: Made of steel. Bearing type: Ball bearing. For more information refer to page 73

Swivel casters	Swivel casters with 'stop-fix' brake *	Wheel Ø		Wheel width		Load capacity		Bearing type	Total height		Plate Ø	For mounting bolt	Offset	G15 page
		[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]		[inch]	[mm]				
LKRA-TPA series														
LKRA-TPA 80G	LKRA-TPA 80G-FI	3 1⁄8	[80]	1 1⁄4	[32]	220	[100]	Plain bore	4 1⁄4	[108]	2 1⁄4	1⁄2	1 1⁄16	89
LKRA-TPA 80K-FK	LKRA-TPA 80K-FI-FK	3 1⁄8	[80]	1 1⁄4	[32]	220	[100]	Ball bearing (C)	4 1⁄4	[108]	2 1⁄4	1⁄2	1 1⁄16	89
LKRA-TPA 101G	LKRA-TPA 101G-FI	4	[100]	1 1⁄4	[32]	240	[110]	Plain bore	5 1⁄4	[133]	2 1⁄4	1⁄2	1 1⁄16	89
LKRA-TPA 101K-FK	LKRA-TPA 101K-FI-FK	4	[100]	1 1⁄4	[32]	240	[110]	Ball bearing (C)	5 1⁄4	[133]	2 1⁄4	1⁄2	1 1⁄16	89
LKRA-TPA 126G	LKRA-TPA 126G-FI	5	[125]	1 1⁄4	[32]	265	[120]	Plain bore	6 1⁄4	[158]	2 1⁄4	1⁄2	1 1⁄16	89
LKRA-TPA 126K-FK	LKRA-TPA 126K-FI-FK	5	[125]	1 1⁄4	[32]	265	[120]	Ball bearing (C)	6 1⁄4	[158]	2 1⁄4	1⁄2	1 1⁄16	89
LKRA-POA series														
LKRA-POA 80G	LKRA-POA 80G-FI	3 1⁄8	[80]	1 1⁄4	[32]	265	[120]	Plain bore	4 1⁄4	[108]	2 1⁄4	1⁄2	1 1⁄16	105
LKRA-POA 100G	LKRA-POA 100G-FI	4	[100]	1 1⁄4	[32]	265	[120]	Plain bore	5 1⁄4	[133]	2 1⁄4	1⁄2	1 1⁄16	105
LKRA-POA 125G	LKRA-POA 125G-FI	5	[125]	1 1⁄4	[32]	265	[120]	Plain bore	6 1⁄4	[158]	2 1⁄4	1⁄2	1 1⁄16	105
LKRA-PATH series														
LKRA-PATH 80K-FK	LKRA-PATH 80K-FI-FK	3 1⁄8	[80]	1 1⁄4	[32]	220	[100]	Ball bearing (C)	4 1⁄4	[108]	2 1⁄4	1⁄2	1 1⁄16	100
LKRA-PATH 101K-FK	LKRA-PATH 101K-FI-FK	4	[100]	1 1⁄4	[32]	240	[110]	Ball bearing (C)	5 1⁄4	[133]	2 1⁄4	1⁄2	1 1⁄16	100
LKRA-PATH 126K-FK	LKRA-PATH 126K-FI-FK	5	[125]	1 1⁄4	[32]	265	[120]	Ball bearing (C)	6 1⁄4	[158]	2 1⁄4	1⁄2	1 1⁄16	100
LKRA-VSTH series														
LKRA-VSTH 50K		2	[50]	1 1⁄4	[33]	330	[150]	Ball bearing	2 3⁄4	[70]	2 1⁄4	1⁄2	1 1⁄8	109

\* Brake lever made of steel

More options in the Bicklex general catalog G15!

Options




	Rigid casters	With bolt hole for bolt Ø 3/8"	With threaded pin Ø 1/2"	Metal expander fitting for 3/8" bolt hole **	Electrically conductive version, non-marking gray ***	Blue rubber wheel (POEV series)
Product code suffix	BKRA series			refer to page 39	-ELS	LKRA-POEV 101K-SB-FK LKRA-POEV 126K-SB-FK
Available for	wheel Ø 3 1/8" - 5" upon request	upon request	upon request	upon request	TPA, PATH series upon request	wheel Ø 4" and 5"

\*\* Swivel caster and expander are secured against loosening by a positive location fit. The maximum fitting length is 2 9/16". The total height of the caster is increased by 1/8".

\*\*\* Load capacity is reduced by 35 % to guarantee conductivity

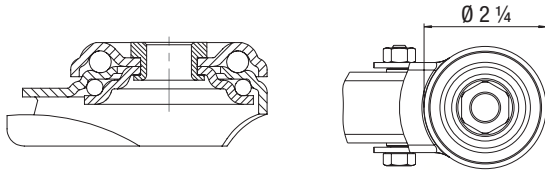


# LKRXA Series for 1/2" Mounting Bolt Medium Duty Stainless Steel Institutional Bolt Hole Swivel Casters





 220 - 265 lbs

 RoHS


2



The LKRXA rig series with bolt hole fitting is available with the following wheels:

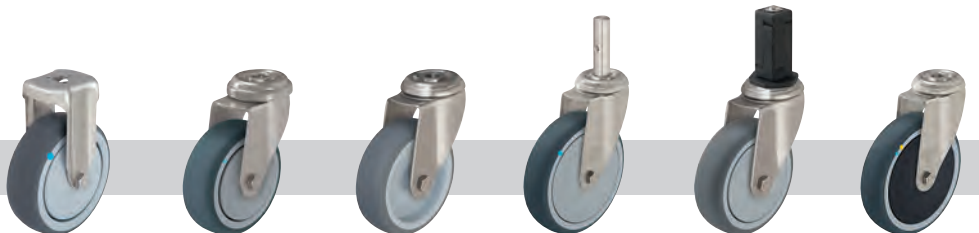
TPA		Tread: High-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, gray, non-marking, chemically bonded. Wheel center: Impact-resistant polypropylene, silver gray. Bearing type: <b>Plain bore</b> . For more information refer to page 64	PO		Wheel: Impact-resistant nylon, 70° shore D, natural white. Bearing type: Plain bore. For more information refer to page 76
TPA		Tread: High-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, gray, non-marking, chemically bonded. Wheel center: Impact-resistant polypropylene, silver gray. Bearing type: <b>Ball bearing (C)</b> with synthetic thread guard and additional ball bearing seals. For more information refer to page 64	PATH		Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded. Wheel center: Impact-resistant nylon, silver gray. Bearing type: <b>Ball bearing (C)</b> with synthetic thread guard and additional ball bearing seals. For more information refer to page 65

Swivel casters	Swivel casters with 'stop-fix' brake *	Wheel Ø [inch] [mm]	Wheel width [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Total height [inch] [mm]	Plate Ø [inch] [mm]	For mounting bolt [inch] [mm]	Offset [inch]	G15 page
<b>LKRXA-TPA series (plain bore)</b>										
LKRXA-TPA 80G	LKRXA-TPA 80G-FI	3 1/8 [80]	1 1/4 [32]	220 [100]	Plain bore	4 1/4 [108]	2 1/4 [60]	1/2 [13]	1 9/16 [25]	344
LKRXA-TPA 101G	LKRXA-TPA 101G-FI	4 [100]	1 1/4 [32]	240 [110]	Plain bore	5 1/4 [133]	2 1/4 [60]	1/2 [13]	1 9/16 [25]	344
LKRXA-TPA 126G	LKRXA-TPA 126G-FI	5 [125]	1 1/4 [32]	265 [120]	Plain bore	6 1/4 [158]	2 1/4 [60]	1/2 [13]	1 9/16 [25]	344
<b>LKRXA-TPA series (ball bearing)</b>										
LKRXA-TPA 80KD-FK	LKRXA-TPA 80KD-FI-FK	3 1/8 [80]	1 1/4 [32]	220 [100]	Ball bearing (C)	4 1/4 [108]	2 1/4 [60]	1/2 [13]	1 9/16 [25]	344
LKRXA-TPA 101KD-FK	LKRXA-TPA 101KD-FI-FK	4 [100]	1 1/4 [32]	240 [110]	Ball bearing (C)	5 1/4 [133]	2 1/4 [60]	1/2 [13]	1 9/16 [25]	344
LKRXA-TPA 126KD-FK	LKRXA-TPA 126KD-FI-FK	5 [125]	1 1/4 [32]	265 [120]	Ball bearing (C)	6 1/4 [158]	2 1/4 [60]	1/2 [13]	1 9/16 [25]	344
<b>LKRXA-PO series</b>										
LKRXA-PO 80G	LKRXA-PO 80G-FI	3 1/8 [80]	1 1/4 [32]	265 [120]	Plain bore	4 1/4 [108]	2 1/4 [60]	1/2 [13]	1 9/16 [25]	350
LKRXA-PO 101G	LKRXA-PO 101G-FI	4 [100]	1 1/4 [32]	265 [120]	Plain bore	5 1/4 [133]	2 1/4 [60]	1/2 [13]	1 9/16 [25]	350
LKRXA-PO 126G	LKRXA-PO 126G-FI	5 [125]	1 1/4 [32]	265 [120]	Plain bore	6 1/4 [158]	2 1/4 [60]	1/2 [13]	1 9/16 [25]	350
<b>LKRXA-PATH series</b>										
LKRXA-PATH 80KD-FK	LKRXA-PATH 80KD-FI-FK	3 1/8 [80]	1 1/4 [32]	220 [100]	Ball bearing (C)	4 1/4 [108]	2 1/4 [60]	1/2 [13]	1 9/16 [25]	348
LKRXA-PATH 101KD-FK	LKRXA-PATH 101KD-FI-FK	4 [100]	1 1/4 [32]	240 [110]	Ball bearing (C)	5 1/4 [133]	2 1/4 [60]	1/2 [13]	1 9/16 [25]	348
LKRXA-PATH 126KD-FK	LKRXA-PATH 126KD-FI-FK	5 [125]	1 1/4 [32]	265 [120]	Ball bearing (C)	6 1/4 [158]	2 1/4 [60]	1/2 [13]	1 9/16 [25]	348

\* Brake lever made of nylon

More options in the Blicke general catalog G15!

Options




	Rigid casters	Wheel Ø 2" and 3" with bolt hole for bolt Ø 3/8"	With bolt hole for bolt Ø 3/8"	With stainless steel plug-in stem **	With synthetic expander fitting for 3/8" bolt hole ***	Electrically conductive version, non-marking gray ****
Product code suffix	BKRXA series	LRXA series		-ZAX51	refer to page 39	-ELS
Available for	upon request	upon request	upon request	wheel Ø 5" upon request	upon request	TPA, PATH series upon request

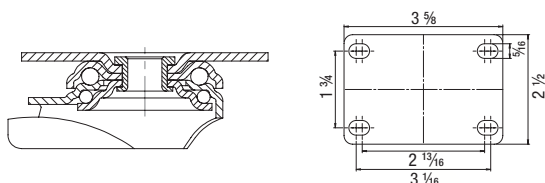
\*\* In acc. to DIN 18867-8 (large-scale catering equipment)

\*\*\* Swivel caster and expander are secured against loosening by a positive location fit. The maximum fitting length is 2 9/16". The total height of the caster is increased by 1/8". \*\*\*\* Load capacity is reduced by 35 %

# LKPA 12-Series

## Medium Duty Institutional Top Plate Swivel Casters


 220 - 330 lbs

 RoHS


2


The LKPA rig series with top plate fitting is available with the following wheels:

TPA




Tread: High-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, gray, non-marking, chemically bonded.  
Wheel center: Impact-resistant polypropylene, silver gray.  
Bearing types: Plain bore or ball bearing (C) with synthetic thread guard.  
For more information refer to page 64

POA




Wheel: Impact-resistant nylon, 70° shore D, black.  
Bearing type: Plain bore.  
For more information refer to page 76

PATH



Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded.  
Wheel center: Impact-resistant nylon, silver gray.  
Bearing type: Ball bearing (C) with synthetic thread guard.  
For more information refer to page 65

VSTH









Tread: High-quality polyurethane-elastomer Bickler Extrathane®, 92° shore A, light brown, non-marking, non-staining. Cast tread.  
Wheel center: Made of steel.  
Bearing type: Ball bearing.  
For more information refer to page 73

Swivel casters	Swivel casters with 'stop-fix' brake *	Wheel Ø	Wheel width	Load capacity	Bearing type	Total height	Plate size	Bolt hole spacing	For mounting bolt	Offset
		[inch] [mm]	[inch] [mm]	[lbs] [kg]		[inch] [mm]	[inch]	[inch]	[inch]	[inch]
<b>LKPA-TPA series</b>										
LKPA-TPA 80G-12	LKPA-TPA 80G-12-FI	3 1/8 [80]	1 1/4 [32]	220 [100]	Plain bore	4 3/8 [111]	2 1/2 x 3 3/8	1 3/4 x 2 1/16 - 3 1/16	5/16	1 1/16
LKPA-TPA 80K-12-FK	LKPA-TPA 80K-12-FI-FK	3 1/8 [80]	1 1/4 [32]	220 [100]	Ball bearing (C)	4 3/8 [111]	2 1/2 x 3 3/8	1 3/4 x 2 1/16 - 3 1/16	5/16	1 1/16
LKPA-TPA 101G-12	LKPA-TPA 101G-12-FI	4 [100]	1 1/4 [32]	240 [110]	Plain bore	5 3/8 [136]	2 1/2 x 3 3/8	1 3/4 x 2 1/16 - 3 1/16	5/16	1 1/16
LKPA-TPA 101K-12-FK	LKPA-TPA 101K-12-FI-FK	4 [100]	1 1/4 [32]	240 [110]	Ball bearing (C)	5 3/8 [136]	2 1/2 x 3 3/8	1 3/4 x 2 1/16 - 3 1/16	5/16	1 1/16
LKPA-TPA 126G-12	LKPA-TPA 126G-12-FI	5 [125]	1 1/4 [32]	265 [120]	Plain bore	6 3/16 [161]	2 1/2 x 3 3/8	1 3/4 x 2 1/16 - 3 1/16	5/16	1 1/16
LKPA-TPA 126K-12-FK	LKPA-TPA 126K-12-FI-FK	5 [125]	1 1/4 [32]	265 [120]	Ball bearing (C)	6 3/16 [161]	2 1/2 x 3 3/8	1 3/4 x 2 1/16 - 3 1/16	5/16	1 1/16
<b>LKPA-POA series</b>										
LKPA-POA 80G-12	LKPA-POA 80G-12-FI	3 1/8 [80]	1 1/4 [32]	265 [120]	Plain bore	4 3/8 [111]	2 1/2 x 3 3/8	1 3/4 x 2 1/16 - 3 1/16	5/16	1 1/16
LKPA-POA 100G-12	LKPA-POA 100G-12-FI	4 [100]	1 1/4 [32]	265 [120]	Plain bore	5 3/8 [136]	2 1/2 x 3 3/8	1 3/4 x 2 1/16 - 3 1/16	5/16	1 1/16
LKPA-POA 125G-12	LKPA-POA 125G-12-FI	5 [125]	1 1/4 [32]	265 [120]	Plain bore	6 3/16 [161]	2 1/2 x 3 3/8	1 3/4 x 2 1/16 - 3 1/16	5/16	1 1/16
<b>LKPA-PATH series</b>										
LKPA-PATH 80K-12-FK	LKPA-PATH 80K-12-FI-FK	3 1/8 [80]	1 1/4 [32]	220 [100]	Ball bearing (C)	4 3/8 [111]	2 1/2 x 3 3/8	1 3/4 x 2 1/16 - 3 1/16	5/16	1 1/16
LKPA-PATH 101K-12-FK	LKPA-PATH 101K-12-FI-FK	4 [100]	1 1/4 [32]	240 [110]	Ball bearing (C)	5 3/8 [136]	2 1/2 x 3 3/8	1 3/4 x 2 1/16 - 3 1/16	5/16	1 1/16
LKPA-PATH 126K-12-FK	LKPA-PATH 126K-12-FI-FK	5 [125]	1 1/4 [32]	265 [120]	Ball bearing (C)	6 3/16 [161]	2 1/2 x 3 3/8	1 3/4 x 2 1/16 - 3 1/16	5/16	1 1/16
<b>LKPA-VSTH series</b>										
LKPA-VSTH 50K-12		2 [50]	1 1/4 [33]	330 [150]	Ball bearing	2 3/8 [73]	2 1/2 x 3 3/8	1 3/4 x 2 1/16 - 3 1/16	5/16	1 1/16

\* Brake lever made of steel

Options

	Rigid casters	Electrically conductive version, non-marking gray **	Electrically conductive version, non-marking gray **	Special colors (electrostatic powder coating)	Blue rubber wheel (POEV series)	European metric top plate fitting 90x60 / 75x45/61x51 mm
Product code suffix	BKPA series	-ELS	-ELS		LKPA-POEV 101K-SB-FK LKPA-POEV 126K-SB-FK	
Available for	wheel Ø 3 1/8" - 5" upon request	TPA series upon request	PATH series upon request	upon request	wheel Ø 4" and 5"	refer to G15 catalog

\*\* Load capacity is reduced by 35 % to guarantee conductivity





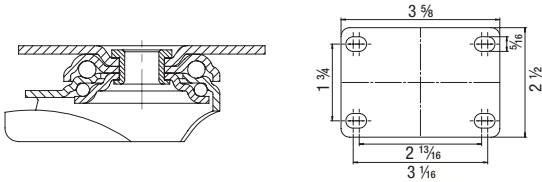
# LKPXA 12-Series

## Medium Duty Stainless Steel Institutional Top Plate Swivel Casters

220 - 265 lbs



2



The LKPXA rig series with top plate fitting is available with the following wheels:

TPA		Tread: High-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, gray, non-marking, chemically bonded. Wheel center: Impact-resistant polypropylene, silver gray. Bearing type: <b>Plain bore</b> . For more information refer to page 64
PO		Wheel: Impact-resistant nylon, 70° shore D, natural white. Bearing type: Plain bore. For more information refer to page 76
TPA		Tread: High-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, gray, non-marking, chemically bonded. Wheel center: Impact-resistant polypropylene, silver gray. Bearing type: <b>Ball bearing (C)</b> with synthetic thread guard and additional ball bearing seals. For more information refer to page 64
PATH		Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded. Wheel center: Impact-resistant nylon, silver gray. Bearing type: <b>Ball bearing (C)</b> with synthetic thread guard and additional ball bearing seals. For more information refer to page 65

Swivel casters	Swivel casters with 'stop-fix' brake *	Wheel Ø [inch] [mm]	Wheel width [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Total height [inch] [mm]	Plate size [inch]	Bolt hole spacing [inch]	For mounting bolt [inch]	Offset [inch]
<b>LKPXA-TPA series (plain bore)</b>										
LKPXA-TPA 80G-12	LKPXA-TPA 80G-12-FI	3 1/8 [80]	1 1/4 [32]	220 [100]	Plain bore	4 3/8 [111]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/8	5/16	1 9/16
LKPXA-TPA 101G-12	LKPXA-TPA 101G-12-FI	4 [100]	1 1/4 [32]	240 [110]	Plain bore	5 3/8 [136]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/8	5/16	1 9/16
LKPXA-TPA 126G-12	LKPXA-TPA 126G-12-FI	5 [125]	1 1/4 [32]	265 [120]	Plain bore	6 3/8 [161]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/8	5/16	1 9/16
<b>LKPXA-TPA series (ball bearing)</b>										
LKPXA-TPA 80KD-12-FK	LKPXA-TPA 80KD-12-FI-FK	3 1/8 [80]	1 1/4 [32]	220 [100]	Ball bearing (C)	4 3/8 [111]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/8	5/16	1 9/16
LKPXA-TPA 101KD-12-FK	LKPXA-TPA 101KD-12-FI-FK	4 [100]	1 1/4 [32]	240 [110]	Ball bearing (C)	5 3/8 [136]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/8	5/16	1 9/16
LKPXA-TPA 126KD-12-FK	LKPXA-TPA 126KD-12-FI-FK	5 [125]	1 1/4 [32]	265 [120]	Ball bearing (C)	6 3/8 [161]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/8	5/16	1 9/16
<b>LKPXA-PO series</b>										
LKPXA-PO 80G-12	LKPXA-PO 80G-12-FI	3 1/8 [80]	1 1/4 [32]	265 [120]	Plain bore	4 3/8 [111]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/8	5/16	1 9/16
LKPXA-PO 101G-12	LKPXA-PO 101G-12-FI	4 [100]	1 1/4 [32]	265 [120]	Plain bore	5 3/8 [136]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/8	5/16	1 9/16
LKPXA-PO 126G-12	LKPXA-PO 126G-12-FI	5 [125]	1 1/4 [32]	265 [120]	Plain bore	6 3/8 [161]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/8	5/16	1 9/16
<b>LKPXA-PATH series</b>										
LKPXA-PATH 80KD-12-FK	LKPXA-PATH 80KD-12-FI-FK	3 1/8 [80]	1 1/4 [32]	220 [100]	Ball bearing (C)	4 3/8 [111]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/8	5/16	1 9/16
LKPXA-PATH 101KD-12-FK	LKPXA-PATH 101KD-12-FI-FK	4 [100]	1 1/4 [32]	240 [110]	Ball bearing (C)	5 3/8 [136]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/8	5/16	1 9/16
LKPXA-PATH 126KD-12-FK	LKPXA-PATH 126KD-12-FI-FK	5 [125]	1 1/4 [32]	265 [120]	Ball bearing (C)	6 3/8 [161]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/8	5/16	1 9/16

\* Brake lever made of nylon

### Options



	Rigid casters	Electrically conductive version, non-marking gray **	Electrically conductive version, non-marking gray **	European metric top plate fitting 90x60 / 75x45/61x51 mm	European metric top plate fitting 60x60 / 38x38/48x48 mm
Product code suffix	BKPXA series	-ELS	-ELS		
Available for	upon request	TPA series upon request	PATH series upon request	wheel Ø 3 1/8" - 4" refer to G15 catalog	wheel Ø 2" and 3" refer to G15 catalog

\*\* Load capacity is reduced by 35 % to guarantee conductivity

# Expandable Adapter Fittings

For Light and Medium Duty Institutional Bolt Hole Swivel Casters

LRA, LKRA, LKRXA Series

## Expandable Synthetic Adapter Fitting for Round Tubing

Product code suffix for LRA Series	Product code suffix for LKRA Series	Internal tube dimension (P) [inch]	Available upon request for all swivel casters LRA/LKRA series with hollow kingpin for mounting bolt $\frac{3}{8}$ ". Swivel caster and expander are secured against loosening by a positive location fit. The maximum fitting length is $2\frac{9}{16}$ ". <b>The total height of the caster is increased by <math>\frac{1}{8}</math>".</b>
-ER02	-ER12	$\emptyset\ 25/32 - 63/64$	
-ER03	-ER13	$\emptyset\ 63/64 - 1\ 3/16$	
-ER04	-ER14	$\emptyset\ 1\ 3/16 - 1\ 3/8$	
-ER05	-ER15	$\emptyset\ 1\ 3/8 - 1\ 37/64$	

## Expandable Synthetic Adapter Fitting for Square Tubing

Product code suffix for LRA Series	Product code suffix for LKRA Series	Internal tube dimension (P) [inch]	Available upon request for all swivel casters LRA/LKRA series with hollow kingpin for mounting bolt $\frac{3}{8}$ ". Swivel caster and expander are secured against loosening by a positive location fit. The maximum fitting length is $2\frac{9}{16}$ ". <b>The total height of the caster is increased by <math>\frac{1}{8}</math>".</b>
-EV02	-EV12	$\square\ 45/64 - 53/64$	
-EV03	-EV13	$\square\ 53/64 - 63/64$	
-EV04	-EV14	$\square\ 63/64 - 1\ 9/64$	
-EV05	-EV15	$\square\ 1\ 9/64 - 1\ 17/64$	
-EV07	-EV17	$\square\ 1\ 17/64 - 1\ 33/64$	
	-EV18	$\square\ 1\ 27/64 - 1\ 39/64$	

## Expandable Metal Adapter Fitting for Round and Square Tubing

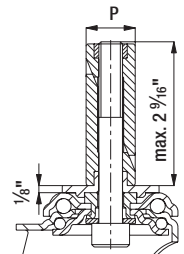
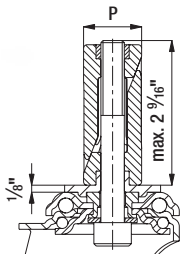
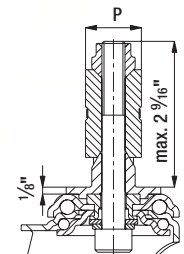
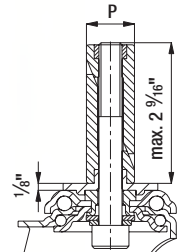
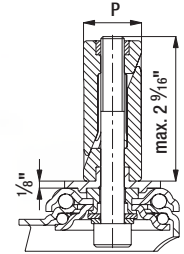
Product code suffix for LRA Series	Product code suffix for LKRA Series	Internal tube dim. round tube (P) [inch]	Internal tube dim. square tube (P) [inch]	Available upon request for all swivel casters LRA/LKRA series with hollow kingpin for mounting bolt $\frac{3}{8}$ ". Swivel caster and expander are secured against loosening by a positive location fit. The maximum fitting length is $2\frac{9}{16}$ ". <b>The total height of the caster is increased by <math>\frac{1}{8}</math>".</b>
-E01	-E11	$\emptyset\ 43/64 - 3/4$	$\square\ 43/64 - 3/4$	
-E02	-E12	$\emptyset\ 25/32 - 63/64$	$\square\ 45/64 - 53/64$	
-E03	-E13	$\emptyset\ 63/64 - 1\ 3/16$	$\square\ 53/64 - 63/64$	
-E04	-E14	$\emptyset\ 1\ 3/16 - 1\ 3/8$	$\square\ 63/64 - 1\ 9/64$	
-E05	-E15	$\emptyset\ 1\ 3/8 - 1\ 37/64$	$\square\ 1\ 9/64 - 1\ 17/64$	
-E07	-E17	$\emptyset\ 1\ 17/32 - 1\ 49/64$	$\square\ 1\ 17/64 - 1\ 33/64$	

## Corrosion-Resistant Expandable Synthetic Adapter Fitting for Round Tubing

Product code suffix for LKRXA series	Internal tube dimension (P) [inch]	Available upon request for all swivel casters LKRXA series with hollow kingpin for mounting bolt $\frac{3}{8}$ ". Swivel caster and expander are secured against loosening by a positive location fit. The maximum fitting length is $2\frac{9}{16}$ ". <b>The total height of the caster is increased by <math>\frac{1}{8}</math>".</b>
-EXR12	$\emptyset\ 25/32 - 63/64$	
-EXR13	$\emptyset\ 63/64 - 1\ 3/16$	
-EXR14	$\emptyset\ 1\ 3/16 - 1\ 3/8$	
-EXR15	$\emptyset\ 1\ 3/8 - 1\ 37/64$	

## Corrosion-Resistant Expandable Synthetic Adapter Fitting for Square Tubing

Product code suffix for LKRXA series	Internal tube dimension (P) [inch]	Available upon request for all swivel casters LKRXA series with hollow kingpin for mounting bolt $\frac{3}{8}$ ". Swivel caster and expander are secured against loosening by a positive location fit. The maximum fitting length is $2\frac{9}{16}$ ". <b>The total height of the caster is increased by <math>\frac{1}{8}</math>".</b>
-EXV12	$\square\ 45/64 - 53/64$	
-EXV13	$\square\ 53/64 - 63/64$	
-EXV14	$\square\ 63/64 - 1\ 9/64$	
-EXV15	$\square\ 1\ 9/64 - 1\ 17/64$	
-EXV17	$\square\ 1\ 17/64 - 1\ 33/64$	
-EXV18	$\square\ 1\ 27/64 - 1\ 39/64$	

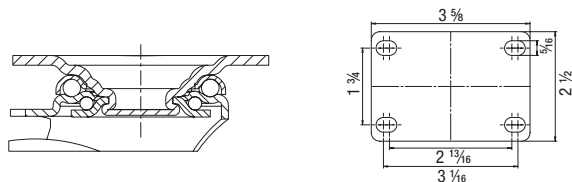








# L 12-Series

## Medium Duty Industrial Top Plate Casters

 240 - 400 lbs

 RoHS


The L and B rig series with top plate fitting are available with the following wheels:

POG		Wheel: Impact-resistant nylon, 70° shore D, gray. Bearing types: Plain bore or ball bearing (C). For more information refer to page 76	POW		Wheel: Impact-resistant nylon, 70° shore D, white, with elastic solid rubber damping ring, color red. Bearing type: Ball bearing (C) with synthetic thread guard. For more information refer to page 77
TPA		Tread: High-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, gray, non-marking, chemically bonded. Wheel center: Impact-resistant polypropylene, silver gray. Bearing type: Ball bearing (C) with synthetic thread guard. For more information refer to page 64	PATH		Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded. Wheel center: Impact-resistant nylon, silver gray. Bearing type: Ball bearing (C) with synthetic thread guard. For more information refer to page 65

Swivel casters	Rigid casters	Swivel casters with 'stop-fix' brake	Wheel Ø		Wheel width		Load capacity		Bearing type	Total height		Plate size	Bolt hole spacing	For mounting bolt	Offset
			[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]		[inch]	[mm]				
L-POG series															
L-POG 89G-12	B-POG 89G-12	L-POG 89G-12-FI	3 1/2	[89]	1 1/4	[32]	330	[150]	Plain bore	4 11/16	[119]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 7/16
L-POG 89K-12	B-POG 89K-12	L-POG 89K-12-FI	3 1/2	[89]	1 1/4	[32]	330	[150]	Ball bearing (C)	4 11/16	[119]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 7/16
L-POG 100G-12	B-POG 100G-12	L-POG 100G-12-FI	4	[100]	1 7/16	[37]	400	[180]	Plain bore	5 1/8	[130]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 7/16
L-POG 100K-12	B-POG 100K-12	L-POG 100K-12-FI	4	[100]	1 7/16	[37]	400	[180]	Ball bearing (C)	5 1/8	[130]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 7/16
L-POG 125G-12	B-POG 125G-12	L-POG 125G-12-FI	5	[125]	1 9/16	[40]	400	[180]	Plain bore	6 1/8	[155]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 1/2
L-POG 125K-12	B-POG 125K-12	L-POG 125K-12-FI	5	[125]	1 9/16	[40]	400	[180]	Ball bearing (C)	6 1/8	[155]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 1/2
L-TPA series															
L-TPA 102K-12-FK	B-TPA 102K-12-FK	L-TPA 102K-12-FI-FK	4	[100]	1 1/4	[32]	240	[110]	Ball bearing (C)	5 1/8	[130]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 7/16
L-TPA 127K-12-FK	B-TPA 127K-12-FK	L-TPA 127K-12-FI-FK	5	[125]	1 1/4	[32]	275	[125]	Ball bearing (C)	6 1/8	[155]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 1/2
L-POW series															
L-POW 100K-12-FK	B-POW 100K-12-FK	L-POW 100K-12-FI-FK	4	[100]	1 3/8	[35]	400	[180]	Ball bearing (C)	5 1/8	[130]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 7/16
L-POW 125K-12-FK	B-POW 125K-12-FK	L-POW 125K-12-FI-FK	5	[125]	1 3/8	[35]	400	[180]	Ball bearing (C)	6 1/8	[155]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 1/2
L-PATH series															
L-PATH 100K-12-FK	B-PATH 100K-12-FK	L-PATH 100K-12-FI-FK	4	[100]	1 1/4	[32]	400	[180]	Ball bearing (C)	5 1/8	[130]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 7/16
L-PATH 125K-12-FK	B-PATH 125K-12-FK	L-PATH 125K-12-FI-FK	5	[125]	1 1/4	[32]	400	[180]	Ball bearing (C)	6 1/8	[155]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 1/2

### Options



	Swivel lock (retro fit) 1 x 360° *	Nylon wheel in white color	Nylon wheel in black color	Wheel with standard solid rubber tire	Electrically conductive version, non-marking gray	Electrically conductive version, non-marking gray **	Electrically conductive version, non-marking gray **
Product code suffix	RI-03.12	PO series	POA series	VE series	-ELS	-ELS	-ELS
Available for	upon request	upon request	upon request	wheel Ø 4" - 5" upon request	POG series upon request	TPA series upon request	PATH series upon request

\* Only for swivel casters without 'stop-fix' brake

\*\* Load capacity is reduced by 30 % for wheel Ø 4" and by 10 % for wheel Ø 5" to guarantee conductivity

POEV



Tires: High-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, non-marking **gray**. Vulcanized tire.  
Wheel center: Impact-resistant nylon, black.  
Bearing type: Ball bearing (C) with synthetic thread guard.  
For more information refer to page 67

ALTH



Tread: High-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 73

POEV



Tires: High-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, non-marking **blue**. Vulcanized tire.  
Wheel center: Impact-resistant nylon, black.  
Bearing type: Ball bearing (C) with synthetic thread guard.  
For more information refer to page 67

ALST



Tread: High-quality polyurethane-elastomer Blickle Softthane®, 75° shore A, green, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 71

Swivel casters	Rigid casters	Swivel casters with 'stop-fix' brake	Wheel Ø [inch] [mm]	Wheel width [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Total height [inch] [mm]	Plate size [inch]	Bolt hole spacing [inch]	Mounting bolt [inch]	Offset [inch]
<b>L-POEV-SG series</b>											
L-POEV 89K-12-SG-FK	B-POEV 89K-12-SG-FK	L-POEV 89K-12-FI-SG-FK	3 1/2 [89]	1 1/4 [32]	350 [160]	Ball bearing (C)	4 11/16 [119]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 7/16
L-POEV 100K-12-SG-FK	B-POEV 100K-12-SG-FK	L-POEV 100K-12-FI-SG-FK	4 [100]	1 1/2 [38]	400 [180]	Ball bearing (C)	5 1/8 [130]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 7/16
L-POEV 125K-12-SG-FK	B-POEV 125K-12-SG-FK	L-POEV 125K-12-FI-SG-FK	5 [125]	1 9/16 [40]	400 [180]	Ball bearing (C)	6 1/8 [155]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 1/2
<b>L-POEV-SB series</b>											
L-POEV 101K-12-SB-FK	B-POEV 101K-12-SB-FK	L-POEV 101K-12-FI-SB-FK	4 [100]	1 3/8 [35]	400 [180]	Ball bearing (C)	5 1/8 [130]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 7/16
L-POEV 126K-12-SB-FK	B-POEV 126K-12-SB-FK	L-POEV 126K-12-FI-SB-FK	5 [125]	1 3/8 [35]	400 [180]	Ball bearing (C)	6 1/8 [155]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 1/2
<b>L-ALTH series</b>											
L-ALTH 100K-12	B-ALTH 100K-12	L-ALTH 100K-12-FI	4 [100]	1 9/16 [40]	400 [180]	Ball bearing	5 1/8 [130]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 7/16
L-ALTH 125K-12	B-ALTH 125K-12	L-ALTH 125K-12-FI	5 [125]	1 9/16 [40]	400 [180]	Ball bearing	6 1/8 [155]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 1/2
<b>L-ALST series</b>											
L-ALST 100K-12	B-ALST 100K-12	L-ALST 100K-12-FI	4 [100]	1 9/16 [40]	400 [180]	Ball bearing	5 1/8 [130]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 7/16
L-ALST 125K-12	B-ALST 125K-12	L-ALST 125K-12-FI	5 [125]	1 9/16 [40]	400 [180]	Ball bearing	6 1/8 [155]	2 1/2 x 3 5/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 1/2


Antistatic version,  
non-marking gray

Antistatic version,  
non-marking gray

Heat-resistant version  
with wheel Ø 4" and 5"

Stainless steel  
version

-AS

-AS

LKPXA series

ALTH series  
upon request

ALST series  
upon request

refer to page 56

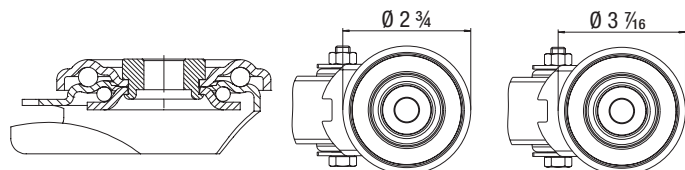
refer to page 38



# LER Series for 1/2" Mounting Bolt

## Medium Duty Industrial Bolt Hole Swivel Casters

220 - 660 lbs



The LER rig series with bolt hole fitting is available with the following wheels:

**TPA**

Tread: High-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, gray, non-marking, chemically bonded.  
Wheel center: Impact-resistant polypropylene, silver gray.  
Bearing type: Ball bearing (C), Ø 3 1/8" - 5" with synthetic thread guard.  
For more information refer to page 64

**POG**

Wheel: Impact-resistant nylon, 70° shore D, gray.  
Bearing type: Plain bore.  
For more information refer to page 76

**PATH**

Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded.  
Wheel center: Impact-resistant nylon, silver gray.  
Bearing type: Ball bearing (C), Ø 3 1/8" - 5" with synthetic thread guard.  
For more information refer to page 65

**POEV**

Tires: High-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, gray, vulcanized tire.  
Wheel center: Impact-resistant nylon, black.  
Bearing types: Ball bearing or ball bearing (C).  
For more information refer to page 67

Swivel casters	Swivel casters with 'stop-fix' brake	Wheel Ø [inch] [mm]	Wheel width [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Total height [inch] [mm]	Plate Ø [inch]	For mounting bolt [inch]	Offset [inch]	G15 page
<b>LER-TPA series</b>										
LER-TPA 80K-FK	LER-TPA 80K-FI-FK	3 1/8 [80]	1 1/4 [32]	220 [100]	Ball bearing (C)	4 [102]	2 3/4	1/2	1 1/2	147
LER-TPA 102K-FK	LER-TPA 102K-FI-FK	4 [100]	1 1/4 [32]	240 [110]	Ball bearing (C)	4 1/16 [125]	2 3/4	1/2	1 1/16	147
LER-TPA 127K-FK	LER-TPA 127K-FI-FK	5 [125]	1 1/4 [32]	275 [125]	Ball bearing (C)	5 5/8 [150]	2 3/4	1/2	1 9/16	147
LER-TPA 160K	LER-TPA 160K-FI	6 5/16 [160]	1 1/8 [40]	440 [200]	Ball bearing (C)	7 1/16 [195]	3 7/16	1/2	2 1/8	147
LER-TPA 200K	LER-TPA 200K-FI	8 [200]	1 1/8 [40]	550 [250]	Ball bearing (C)	9 1/4 [235]	3 7/16	1/2	2 1/8	147
<b>LER-POG series</b>										
LER-POG 80G	LER-POG 80G-FI	3 1/8 [80]	1 1/4 [32]	330 [150]	Plain bore	4 [102]	2 3/4	1/2	1 1/2	
LER-POG 100G	LER-POG 100G-FI	4 [100]	1 1/8 [37]	330 [150]	Plain bore	4 15/16 [125]	2 3/4	1/2	1 7/16	
LER-POG 125G	LER-POG 125G-FI	5 [125]	1 1/8 [40]	330 [150]	Plain bore	5 7/8 [150]	2 3/4	1/2	1 9/16	
LER-POG 150G	LER-POG 150G-FI	6 [150]	2 [50]	660 [300]	Plain bore	7 1/2 [190]	3 7/16	1/2	2 1/8	
LER-POG 200G	LER-POG 200G-FI	8 [200]	2 [50]	660 [300]	Plain bore	9 1/4 [235]	3 7/16	1/2	2 1/8	
<b>LER-PATH series</b>										
LER-PATH 80K-FK	LER-PATH 80K-FI-FK	3 1/8 [80]	1 1/4 [32]	330 [150]	Ball bearing (C)	4 [102]	2 3/4	1/2	1 1/2	210
LER-PATH 100K-FK	LER-PATH 100K-FI-FK	4 [100]	1 1/4 [32]	330 [150]	Ball bearing (C)	4 15/16 [125]	2 3/4	1/2	1 7/16	210
LER-PATH 125K-FK	LER-PATH 125K-FI-FK	5 [125]	1 1/4 [32]	330 [150]	Ball bearing (C)	5 5/8 [150]	2 3/4	1/2	1 9/16	210
LER-PATH 160K	LER-PATH 160K-FI	6 5/16 [160]	1 1/8 [40]	660 [300]	Ball bearing (C)	7 1/16 [195]	3 7/16	1/2	2 1/8	210
LER-PATH 200K	LER-PATH 200K-FI	8 [200]	1 1/8 [40]	660 [300]	Ball bearing (C)	9 1/4 [235]	3 7/16	1/2	2 1/8	210
<b>LER-POEV series</b>										
LER-POEV 80K-SG	LER-POEV 80K-FI-SG	3 1/8 [80]	1 1/4 [32]	310 [140]	Ball bearing (C)	4 [102]	2 3/4	1/2	1 1/2	
LER-POEV 100K-SG	LER-POEV 100K-FI-SG	4 [100]	1 1/2 [38]	330 [150]	Ball bearing (C)	4 15/16 [125]	2 3/4	1/2	1 7/16	
LER-POEV 125K-SG	LER-POEV 125K-FI-SG	5 [125]	1 1/8 [40]	330 [150]	Ball bearing (C)	5 7/8 [150]	2 3/4	1/2	1 9/16	
LER-POEV 160K-SG	LER-POEV 160K-FI-SG	6 5/16 [160]	2 [50]	660 [300]	Ball bearing	7 1/16 [195]	3 7/16	1/2	2 1/8	
LER-POEV 200K-SG	LER-POEV 200K-FI-SG	8 [200]	2 [50]	660 [300]	Ball bearing	9 1/4 [235]	3 7/16	1/2	2 1/8	

### Options



	With synthetic foot guard	With steel foot guard	LER-POG series with ball bearing in the wheel	Electrically conductive version, non-marking gray *	Nylon wheel (PO) with noise damping rubber ring **	POEV series with non-marking blue rubber tire **	Heavy duty 1/2" bolt hole swivel casters up to 770 lbs
Product code suffix	-FP	-FS		-ELS	LER-POW 100K-FK LER-POW 125K-FK	LER-POEV 101K-SB-FK LER-POEV 126K-SB-FK	LKR series
Available for	wheel Ø 5" upon request	wheel Ø 6" - 8" upon request	all sizes	TPA, PATH series upon request		upon request	wheel Ø 3 1/8" - 5" upon request

\* Load capacity is reduced by 35 % to guarantee conductivity

\*\* Ball bearing version

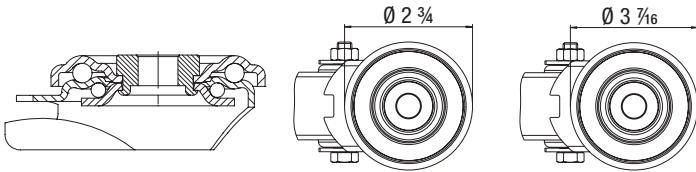


# LEXR Series for 1/2" Mounting Bolt

## Medium Duty Stainless Steel Industrial Bolt Hole Swivel Casters

240 - 660 lbs

RoHS



The LEXR rig series with bolt hole fitting is available with the following wheels:

TPA		Tread: High-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, gray, non-marking, chemically bonded. Wheel center: Impact-resistant polypropylene, silver gray. Bearing type: Plain bore. For more information refer to page 64
POG		Wheel: Impact-resistant nylon, 70° shore D, gray. Bearing type: Plain bore. For more information refer to page 76
PATH		Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded. Wheel center: Impact-resistant nylon, silver gray. Bearing type: Ball bearing (C) with additional ball bearing seals, Ø 4" - 5" with synthetic thread guard. For more information refer to page 65
POEV		Tires: High-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, gray. Vulcanized tire. Wheel center: Impact-resistant nylon, black. Bearing types: Stainless steel ball bearing or stainless steel ball bearing (C) and synthetic cover. For more information refer to page 67

Swivel casters	Swivel casters with ‘stop-fix’ brake	Wheel Ø		Wheel width		Load capacity		Bearing type	Total height		Plate Ø	For mounting bolt	Offset	G15 page
		[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]		[inch]	[mm]				
LEXR-TPA series														
LEXR-TPA 102G	LEXR-TPA 102G-FI	4	[100]	1 ¼	[32]	240	[110]	Plain bore	4 15⁄16	[125]	2 ¾	½	1 7⁄16	354
LEXR-TPA 127G	LEXR-TPA 127G-FI	5	[125]	1 ¼	[32]	275	[125]	Plain bore	5 ⅞	[150]	2 ¾	½	1 9⁄16	354
LEXR-TPA 160G	LEXR-TPA 160G-FI	6 ⅙	[160]	1 ⅞	[40]	440	[200]	Plain bore	7 11⁄16	[195]	3 ⅞	½	2 ⅛	354
LEXR-TPA 200G	LEXR-TPA 200G-FI	8	[200]	1 ⅞	[40]	550	[250]	Plain bore	9 ¼	[235]	3 ⅞	½	2 ⅛	354
LEXR-POG series														
LEXR-POG 100G	LEXR-POG 100G-FI	4	[100]	1 ⅙	[37]	330	[150]	Plain bore	4 15⁄16	[125]	2 ¾	½	1 7⁄16	
LEXR-POG 125G	LEXR-POG 125G-FI	5	[125]	1 ⅞	[40]	330	[150]	Plain bore	5 ⅞	[150]	2 ¾	½	1 9⁄16	
LEXR-POG 150G	LEXR-POG 150G-FI	6	[150]	2	[50]	660	[300]	Plain bore	7 ½	[190]	3 ⅞	½	2 ⅛	
LEXR-POG 200G	LEXR-POG 200G-FI	8	[200]	2	[50]	660	[300]	Plain bore	9 ¼	[235]	3 ⅞	½	2 ⅛	
LEXR-PATH series														
LEXR-PATH 100KD-FK	LEXR-PATH 100KD-FI-FK	4	[100]	1 ¼	[32]	330	[150]	Ball bearing (C)	4 15⁄16	[125]	2 ¾	½	1 7⁄16	363
LEXR-PATH 125KD-FK	LEXR-PATH 125KD-FI-FK	5	[125]	1 ¼	[32]	330	[150]	Ball bearing (C)	5 ⅞	[150]	2 ¾	½	1 9⁄16	363
LEXR-PATH 160KD	LEXR-PATH 160KD-FI	6 ⅙	[160]	1 ⅞	[40]	660	[300]	Ball bearing (C)	7 11⁄16	[195]	3 ⅞	½	2 ⅛	363
LEXR-PATH 200KD	LEXR-PATH 200KD-FI	8	[200]	1 ⅞	[40]	660	[300]	Ball bearing (C)	9 ¼	[235]	3 ⅞	½	2 ⅛	363
LEXR-POEV series														
LEXR-POEV 100XKA-SG	LEXR-POEV 100XKA-FI-SG	4	[100]	1 ½	[38]	330	[150]	Ball bearing (C)	4 15⁄16	[125]	2 ¾	½	1 7⁄16	359
LEXR-POEV 125XKA-SG	LEXR-POEV 125XKA-FI-SG	5	[125]	1 ⅞	[40]	330	[150]	Ball bearing (C)	5 ⅞	[150]	2 ¾	½	1 9⁄16	359
LEXR-POEV 160XKA-SG	LEXR-POEV 160XKA-FI-SG	6 ⅙	[160]	2	[50]	660	[300]	Ball bearing	7 11⁄16	[195]	3 ⅞	½	2 ⅛	359
LEXR-POEV 200XKA-SG	LEXR-POEV 200XKA-FI-SG	8	[200]	2	[50]	660	[300]	Ball bearing	9 ¼	[235]	3 ⅞	½	2 ⅛	359

## Options



	With stainless steel stem fitting	With stainless steel ball bearing or roller bearing in the wheel	Electrically conductive version, non-marking gray *	With synthetic foot guard	Nylon wheel (PO) with noise damping rubber ring **
Product code suffix	LEXZ series	-XKA / -XR	-ELS	-FP	LEXR-POW 100XR-FK LEXR-POW 125XR-FK
Available for	upon request	upon request	TPA, PATH series upon request	wheel Ø 5" upon request	


\* Load capacity is reduced by 35 % to guarantee conductivity

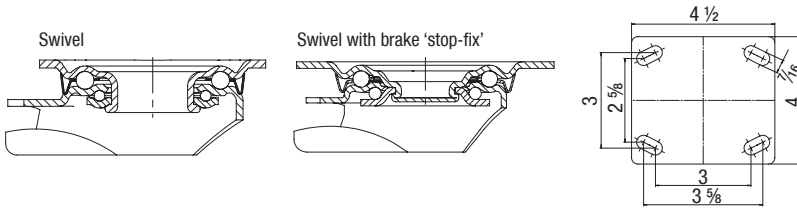
\*\* With stainless steel roller bearing



# LK/LE 14-Series

## Industrial Top Plate Casters

 330 - 770 lbs

 RoHS


The LK, LE, BKS and BES rig series with top plate fitting are available with the following wheels:

<b>POG</b>		Wheel: Impact-resistant nylon, 70° shore D, gray. Bearing types: Plain bore, ball bearing or ball bearing (C). For more information refer to page 76	<b>POEV</b>		Tires: High-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, gray. Vulcanized tire. Wheel center: Impact-resistant nylon, black. Bearing types: Ball bearing or ball bearing (C). For more information refer to page 67
<b>PATH</b>		Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded. Wheel center: Impact-resistant nylon, silver gray. Bearing type: Ball bearing (C), Ø 3 1/8" - 5" with synthetic thread guard. For more information refer to page 65	<b>ALEV</b>		Tires: High-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Vulcanized tire. Wheel center: Die-cast aluminum. Bearing type: Ball bearing. For more information refer to page 67

Swivel casters	Rigid casters	Swivel casters with 'stop-fix' brake	Wheel Ø [inch] [mm]	Wheel width [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Total height [inch] [mm]	Plate size [inch]	Bolt hole spacing [inch]	For mounting bolt [inch]	Offset [inch]
<b>LK/LE-POG series</b>											
LK-POG 82K-14	BKS-POG 82K-14	LK-POG 82K-14-FI	3 1/8 [80]	1 1/16 [37]	350 [160]	Ball bearing	4 3/8 [110]	4 x 4 1/2	2"x3" / 3x3	3/8	1 1/16
LK-POG 100K-14	BKS-POG 100K-14	LK-POG 100K-14-FI	4 [100]	1 1/16 [37]	615 [280]	Ball bearing (C)	5 1/8 [130]	4 x 4 1/2	2"x3" / 3x3	3/8	1 1/4
LK-POG 125K-14	BKS-POG 125K-14	LK-POG 125K-14-FI	5 [125]	1 1/16 [40]	330 [150]	Ball bearing (C)	6 1/8 [155]	4 x 4 1/2	2"x3" / 3x3	3/8	1 1/8
LE-POG 150G-14	BES-POG 150G-14	LE-POG 150G-14-FI	6 [150]	2 [50]	660 [300]	Plain bore	7 1/2 [190]	4 x 4 1/2	2"x3" / 3x3	3/8	2 1/8
LE-POG 200G-14	BES-POG 200G-14	LE-POG 200G-14-FI	8 [200]	2 [50]	660 [300]	Plain bore	9 1/4 [235]	4 x 4 1/2	2"x3" / 3x3	3/8	2 1/8
<b>LK/LE-PATH series</b>											
LK-PATH 80K-14-FK	BKS-PATH 80K-14-FK	LK-PATH 80K-14-FI-FK	3 1/8 [80]	1 1/4 [32]	330 [150]	Ball bearing (C)	4 3/8 [110]	4 x 4 1/2	2"x3" / 3x3	3/8	1 1/16
LK-PATH 100K-14-FK	BKS-PATH 100K-14-FK	LK-PATH 100K-14-FI-FK	4 [100]	1 1/4 [32]	440 [200]	Ball bearing (C)	5 1/8 [130]	4 x 4 1/2	2"x3" / 3x3	3/8	1 1/4
LK-PATH 125K-14-FK	BKS-PATH 125K-14-FK	LK-PATH 125K-14-FI-FK	5 [125]	1 1/4 [32]	550 [250]	Ball bearing (C)	6 1/8 [155]	4 x 4 1/2	2"x3" / 3x3	3/8	1 1/8
LE-PATH 160K-14	BES-PATH 160K-14	LE-PATH 160K-14-FI	6 1/16 [160]	1 1/16 [40]	660 [300]	Ball bearing (C)	7 1/16 [195]	4 x 4 1/2	2"x3" / 3x3	3/8	2 1/8
LE-PATH 200K-14	BES-PATH 200K-14	LE-PATH 200K-14-FI	8 [200]	1 1/16 [40]	660 [300]	Ball bearing (C)	9 1/4 [235]	4 x 4 1/2	2"x3" / 3x3	3/8	2 1/8
<b>LK/LE-POEV series</b>											
LK-POEV 82K-14-SG	BKS-POEV 82K-14-SG	LK-POEV 82K-14-FI-SG	3 1/8 [80]	1 1/16 [40]	375 [170]	Ball bearing (C)	4 3/8 [110]	4 x 4 1/2	2"x3" / 3x3	3/8	1 1/16
LK-POEV 100K-14-SG	BKS-POEV 100K-14-SG	LK-POEV 100K-14-FI-SG	4 [100]	1 1/2 [38]	440 [200]	Ball bearing (C)	5 1/8 [130]	4 x 4 1/2	2"x3" / 3x3	3/8	1 1/4
LK-POEV 125K-14-SG	BKS-POEV 125K-14-SG	LK-POEV 125K-14-FI-SG	5 [125]	1 1/16 [40]	550 [250]	Ball bearing (C)	6 1/8 [155]	4 x 4 1/2	2"x3" / 3x3	3/8	1 1/8
LE-POEV 160K-14-SG	BES-POEV 160K-14-SG	LE-POEV 160K-14-FI-SG	6 1/16 [160]	2 [50]	660 [300]	Ball bearing	7 1/16 [195]	4 x 4 1/2	2"x3" / 3x3	3/8	2 1/8
LE-POEV 200K-14-SG	BES-POEV 200K-14-SG	LE-POEV 200K-14-FI-SG	8 [200]	2 [50]	660 [300]	Ball bearing	9 1/4 [235]	4 x 4 1/2	2"x3" / 3x3	3/8	2 1/8
<b>LK/LE-ALEV series</b>											
LK-ALEV 100K-14	BKS-ALEV 100K-14	LK-ALEV 100K-14-FI	4 [100]	1 1/16 [40]	440 [200]	Ball bearing	5 1/8 [130]	4 x 4 1/2	2"x3" / 3x3	3/8	1 1/4
LK-ALEV 125K-14	BKS-ALEV 125K-14	LK-ALEV 125K-14-FI	5 [125]	1 1/16 [40]	550 [250]	Ball bearing	6 1/8 [155]	4 x 4 1/2	2"x3" / 3x3	3/8	1 1/8
LE-ALEV 150K-14	BES-ALEV 150K-14	LE-ALEV 150K-14-FI	6 [150]	2 1/8 [54]	660 [300]	Ball bearing	7 1/2 [190]	4 x 4 1/2	2"x3" / 3x3	3/8	2 1/8
LE-ALEV 200K-14	BES-ALEV 200K-14	LE-ALEV 200K-14-FI	8 [200]	2 [50]	660 [300]	Ball bearing	9 1/4 [235]	4 x 4 1/2	2"x3" / 3x3	3/8	2 1/8

### Options



	With 'stop-top' brake	With central braking system 'central-stop' **	Swivel lock (retro fit) 1 x 360° ***	With steel foot guard	With special foot guard	With pressed steel thread guard, zinc-plated	Electrically conductive version, non-marking gray ****
<b>Product code suffix</b>	<b>-ST</b>	<b>-CS7/16" / -CS11</b>	<b>RI-04.14</b>	<b>-FS</b>	<b>-FS</b>	<b>-FA</b>	<b>-ELS</b>
<b>Available for</b>	upon request	upon request	all sizes	upon request	upon request	upon request	PATH series upon request

\*\* Available with 7/16" or 11 mm switch cam

\*\*\* Only for swivel casters without 'stop-fix' brake \*\*\*\* Load capacity is reduced by 35 % to guarantee conductivity

# POTH



Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded.  
Wheel center: Impact-resistant nylon, natural white.  
Bearing types: Ball bearing or ball bearing (C).  
For more information refer to page 70

# ALST



Tread: High-quality polyurethane-elastomer Bickel Softthane®, 75° shore A, green, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 71

# ALTH



Tread: High-quality polyurethane-elastomer Bickel Extrathane®, 92° shore A, light brown, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 73

# ALBS



Tread: High-quality polyurethane-elastomer Bickel Bestthane® Soft, 75° shore A, blue, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 72

Swivel casters	Rigid casters	Swivel casters with 'stop-fix' brake	Wheel Ø		Wheel width		Load capacity		Bearing type	Total height		Plate size [inch]	Bolt hole spacing [inch]	For mounting bolt [inch]	Offset [inch]
			[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]		[inch]	[mm]				
LK/LE-POTH series															
LK-POTH 100K-14	BKS-POTH 100K-14	LK-POTH 100K-14-FI	4	[100]	1 ¾	[35]	660	[300]	Ball bearing (C)	5 ½	[130]	4 x 4 ½	2½x3¾ / 3x3	¾	1 ¾
LK-POTH 125K-14	BKS-POTH 125K-14	LK-POTH 125K-14-FI	5	[125]	1 ⅞	[40]	770	[350]	Ball bearing (C)	6 ⅞	[155]	4 x 4 ½	2½x3¾ / 3x3	¾	1 ⅞
LE-POTH 150K-14	BES-POTH 150K-14	LE-POTH 150K-14-FI	6	[150]	1 ¾	[45]	660	[300]	Ball bearing	7 ½	[190]	4 x 4 ½	2½x3¾ / 3x3	¾	2 ⅞
LE-POTH 200K-14	BES-POTH 200K-14	LE-POTH 200K-14-FI	8	[200]	2	[50]	660	[300]	Ball bearing	9 ¼	[235]	4 x 4 ½	2½x3¾ / 3x3	¾	2 ⅞
LK/LE-ALTH series															
LK-ALTH 80K-14	BKS-ALTH 80K-14	LK-ALTH 80K-14-FI	3 ⅞	[80]	1 ⅞	[30]	395	[180]	Ball bearing	4 ¾	[110]	4 x 4 ½	2½x3¾ / 3x3	¾	1 ⅞
LK-ALTH 100K-14	BKS-ALTH 100K-14	LK-ALTH 100K-14-FI	4	[100]	1 ⅞	[40]	550	[250]	Ball bearing	5 ⅞	[130]	4 x 4 ½	2½x3¾ / 3x3	¾	1 ¾
LK-ALTH 125K-14	BKS-ALTH 125K-14	LK-ALTH 125K-14-FI	5	[125]	1 ⅞	[40]	770	[350]	Ball bearing	6 ⅞	[155]	4 x 4 ½	2½x3¾ / 3x3	¾	1 ⅞
LE-ALTH 150K-14	BES-ALTH 150K-14	LE-ALTH 150K-14-FI	6	[150]	2	[50]	660	[300]	Ball bearing	7 ½	[190]	4 x 4 ½	2½x3¾ / 3x3	¾	2 ⅞
LE-ALTH 200K-14	BES-ALTH 200K-14	LE-ALTH 200K-14-FI	8	[200]	2	[50]	660	[300]	Ball bearing	9 ¼	[235]	4 x 4 ½	2½x3¾ / 3x3	¾	2 ⅞
LK/LE-ALST series															
LK-ALST 82K-14	BKS-ALST 82K-14	LK-ALST 82K-14-FI	3 ⅞	[80]	1 ⅞	[40]	505	[230]	Ball bearing	4 ¾	[110]	4 x 4 ½	2½x3¾ / 3x3	¾	1 ⅞
LK-ALST 100K-14	BKS-ALST 100K-14	LK-ALST 100K-14-FI	4	[100]	1 ⅞	[40]	660	[300]	Ball bearing	5 ⅞	[130]	4 x 4 ½	2½x3¾ / 3x3	¾	1 ¾
LK-ALST 125K-14	BKS-ALST 125K-14	LK-ALST 125K-14-FI	5	[125]	1 ⅞	[40]	770	[350]	Ball bearing	6 ⅞	[155]	4 x 4 ½	2½x3¾ / 3x3	¾	1 ⅞
LE-ALST 150K-14-CO *	BES-ALST 150K-14-CO *	LE-ALST 150K-14-FI-CO *	6	[150]	2 ⅞	[54]	660	[300]	Ball bearing	7 ½	[190]	4 x 4 ½	2½x3¾ / 3x3	¾	2 ⅞
LE-ALST 200K-14-CO *	BES-ALST 200K-14-CO *	LE-ALST 200K-14-FI-CO *	8	[200]	2	[50]	660	[300]	Ball bearing	9 ¼	[235]	4 x 4 ½	2½x3¾ / 3x3	¾	2 ⅞
LK/LE-ALBS series															
LK-ALBS 82K-14	BKS-ALBS 82K-14	LK-ALBS 82K-14-FI	3 ⅞	[80]	1 ⅞	[40]	505	[230]	Ball bearing	4 ¾	[110]	4 x 4 ½	2½x3¾ / 3x3	¾	1 ⅞
LK-ALBS 100K-14	BKS-ALBS 100K-14	LK-ALBS 100K-14-FI	4	[100]	1 ⅞	[40]	660	[300]	Ball bearing	5 ⅞	[130]	4 x 4 ½	2½x3¾ / 3x3	¾	1 ¾
LK-ALBS 125K-14	BKS-ALBS 125K-14	LK-ALBS 125K-14-FI	5	[125]	1 ⅞	[40]	770	[350]	Ball bearing	6 ⅞	[155]	4 x 4 ½	2½x3¾ / 3x3	¾	1 ⅞
LE-ALBS 150K-14-CO *	BES-ALBS 150K-14-CO *	LE-ALBS 150K-14-FI-CO *	6	[150]	2 ⅞	[54]	660	[300]	Ball bearing	7 ½	[190]	4 x 4 ½	2½x3¾ / 3x3	¾	2 ⅞
LE-ALBS 200K-14-CO *	BES-ALBS 200K-14-CO *	LE-ALBS 200K-14-FI-CO *	8	[200]	2	[50]	660	[300]	Ball bearing	9 ¼	[235]	4 x 4 ½	2½x3¾ / 3x3	¾	2 ⅞

\* With extra crowned running tread




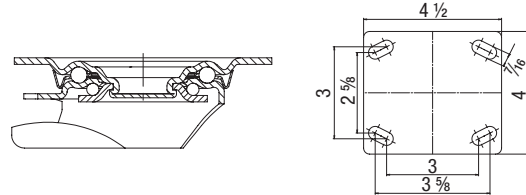
Electrically conductive version, black rubber tire	Antistatic version, non-marking gray	Nylon wheel (PO) with noise damping rubber ring	POEV series with non-marking blue rubber tire	Wheel with standard solid rubber tire	Heat-resistant version	European metric top plate fitting 100x85 / 80x60 mm	European metric top plate fitting 140x110 / 105x75-80 mm
<b>-EL</b>	<b>-AS</b>	LK-POW 100K-14-FK LK-POW 125K-14-FK	LK-POEV 101K-14-SB-FK LK-POEV 126K-14-SB-FK	<b>VE series</b>	<b>LIK / LIE series</b>		
ALEV series upon request	ALTH, ALST series upon request	upon request	upon request	wheel Ø 4" - 8" upon request	upon request	wheel Ø 3 1/8" - 5" refer to G15 catalog	wheel Ø 4" - 8" refer to G15 catalog







# LKX 14-Series

## Stainless Steel Industrial Top Plate Casters

 220 - 770 lbs

 RoHS


The LKX and BKSX rig series with top plate fitting are available with the following wheels:

TPA		Tread: High-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, gray, non-marking, chemically bonded. Wheel center: Impact-resistant polypropylene, silver gray. Bearing type: Ball bearing (C) with additional ball bearing seals, with synthetic thread guard. For more information refer to page 64
SPOG		Wheel: High-quality, impact-resistant nylon, very rugged, extra heavy wheel design, 70° shore D, gray. Bearing type: Stainless steel ball bearing. For more information refer to page 77
POTH		Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded. Wheel center: Impact-resistant nylon, natural white. Bearing type: Sealed ball bearing (C). For more information refer to page 70
POEV		Tires: High-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, gray, Vulcanized tire. Wheel center: Impact-resistant nylon, black. Bearing type: Stainless steel ball bearing (C) and synthetic cover. For more information refer to page 67

Swivel casters	Rigid casters	Swivel casters with 'stop-fix' brake	Wheel Ø [inch][mm]	Wheel width [inch][mm]	Load capacity [lbs][kg]	Bearing type	Total height [inch][mm]	Plate size [inch]	Bolt hole spacing [inch]	For mounting bolt [inch]	Offset [inch]
<b>LKX-TPA series</b>											
LKX-TPA 102KD-14-FK	BKSX-TPA 102KD-14-FK	LKX-TPA 102KD-14-FI-FK	4 [100]	1 1/4 [32]	220 [100]	Ball bearing (C)	5 1/8 [130]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	1 3/4
LKX-TPA 127KD-14-FK	BKSX-TPA 127KD-14-FK	LKX-TPA 127KD-14-FI-FK	5 [125]	1 1/4 [32]	275 [125]	Ball bearing (C)	6 1/8 [155]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	1 7/8
<b>LKX-SPOG series</b>											
LKX-SPOG 100XK-14	BKSX-SPOG 100XK-14	LKX-SPOG 100XK-14-FI	4 [100]	1 1/8 [37]	770 [350]	Ball bearing	5 1/8 [130]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	1 3/4
LKX-SPOG 125XK-14	BKSX-SPOG 125XK-14	LKX-SPOG 125XK-14-FI	5 [125]	1 1/8 [40]	770 [350]	Ball bearing	6 1/8 [155]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	1 7/8
<b>LKX-POTH series</b>											
LKX-POTH 100KD-14	BKSX-POTH 100KD-14	LKX-POTH 100KD-14-FI	4 [100]	1 3/8 [35]	660 [300]	Ball bearing (C)	5 1/8 [130]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	1 3/4
LKX-POTH 125KD-14	BKSX-POTH 125KD-14	LKX-POTH 125KD-14-FI	5 [125]	1 1/8 [40]	770 [350]	Ball bearing (C)	6 1/8 [155]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	1 7/8
<b>LKX-POEV series</b>											
LKX-POEV 100XKA-14-SG	BKSX-POEV 100XKA-14-SG	LKX-POEV 100XKA-14-FI-SG	4 [100]	1 1/2 [38]	330 [150]	Ball bearing (C)	5 1/8 [130]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	1 3/4
LKX-POEV 125XKA-14-SG	BKSX-POEV 125XKA-14-SG	LKX-POEV 125XKA-14-FI-SG	5 [125]	1 1/8 [40]	330 [150]	Ball bearing (C)	6 1/8 [155]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	1 7/8

### Options



	With automatic direction reset device for AGV applications	With stainless steel ball bearing or roller bearing in the wheel	Heat-resistant version	European metric top plate fitting 100x85 / 80x60 mm
Product code suffix	-RIR2	-XKA / -XR	LIKX series	
Available for	upon request	upon request	upon request	refer to G15 catalog

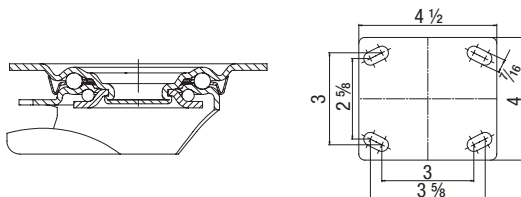
# LEX 14-Series

## Stainless Steel Industrial Top Plate Casters



440 - 660 lbs

RoHS



The LEX and BESX rig series with top plate fitting are available with the following wheels:

TPA		Tread: High-quality thermoplastic rubber-elastomer (TPE), containing traces of oil, 85° shore A, gray, non-marking, chemically bonded. Wheel center: Impact-resistant polypropylene, silver gray. Bearing type: Plain bore. For more information refer to page 64	POTH		Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded. Wheel center: Impact-resistant nylon, natural white. Bearing type: Stainless steel ball bearing. For more information refer to page 70
POG		Wheel: Impact-resistant nylon, 70° shore D, gray. Bearing type: Stainless steel ball bearing. For more information refer to page 76	POEV		Tires: High-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, gray, vulcanized tire. Wheel center: Impact-resistant nylon, black. Bearing type: Stainless steel ball bearing and synthetic cover. For more information refer to page 67

Swivel casters	Rigid casters	Swivel casters with 'stop-fix' brake	Wheel Ø [inch][mm]	Wheel width [inch][mm]	Load capacity [lbs][kg]	Bearing type	Total height [inch][mm]	Plate size [inch]	Bolt hole spacing [inch]	For mounting bolt [inch]	Offset [inch]
<b>LEX-TPA series</b>											
LEX-TPA 160G-14	BESX-TPA 160G-14	LEX-TPA 160G-14-FI	6 5/8 [160]	1 1/8 [40]	440 [200]	Plain bore	7 1/8 [195]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
LEX-TPA 200G-14	BESX-TPA 200G-14	LEX-TPA 200G-14-FI	8 [200]	1 1/8 [40]	550 [250]	Plain bore	9 1/4 [235]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
<b>LEX-POG series</b>											
LEX-POG 150XK-14	BESX-POG 150XK-14	LEX-POG 150XK-14-FI	6 [150]	2 [50]	660 [300]	Ball bearing	7 1/2 [190]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
LEX-POG 200XK-14	BESX-POG 200XK-14	LEX-POG 200XK-14-FI	8 [200]	2 [50]	660 [300]	Ball bearing	9 1/4 [235]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
<b>LEX-POTH series</b>											
LEX-POTH 150XK-14	BESX-POTH 150XK-14	LEX-POTH 150XK-14-FI	6 [150]	1 3/4 [45]	660 [300]	Ball bearing	7 1/2 [190]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
LEX-POTH 200XK-14	BESX-POTH 200XK-14	LEX-POTH 200XK-14-FI	8 [200]	2 [50]	660 [300]	Ball bearing	9 1/4 [235]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
<b>LEX-POEV series</b>											
LEX-POEV 160XKA-14-SG	BESX-POEV 160XKA-14-SG	LEX-POEV 160XKA-14-FI-SG	6 5/8 [160]	2 [50]	660 [300]	Ball bearing	7 1/8 [195]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
LEX-POEV 200XKA-14-SG	BESX-POEV 200XKA-14-SG	LEX-POEV 200XKA-14-FI-SG	8 [200]	2 [50]	660 [300]	Ball bearing	9 1/4 [235]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8

### Options



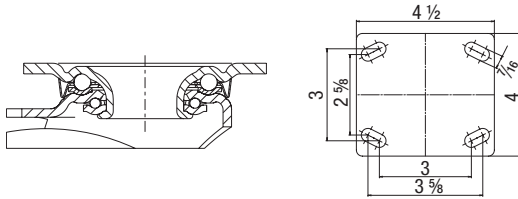
	With 'stop-top' brake	With 'ideal-stop' brake * (no change in height)	With automatic direction reset device for AGV applications	With stainless steel ball bearing or roller bearing in the wheel	Heat-resistant version	European metric top plate fitting 100x85 / 80x60 mm	European metric top plate fitting 140x110 / 105x75-80 mm
Product code suffix	-ST	-IS	-RIR2	-XKA / -XR	LEIX series		
Available for	upon request	upon request	upon request	upon request	upon request	refer to G15 catalog	refer to G15 catalog

\* With metric plate size 140 x 110 mm and bolt hole spacing 105 x 75-80 mm




# LEH 14-Series

## Medium Duty Industrial Top Plate Casters








880 - 1,250 lbs



The LEH and BEHS rig series with top plate fitting are available with the following wheels:

<p><b>POG / SPOG</b></p>  <p>Wheel: High-quality, impact-resistant nylon, very rugged (POG series), extra heavy wheel design (SPOG series), 70° shore D, gray. Bearing type: Ball bearing. For more information refer to page 76-77</p>	<p><b>ALEV</b></p>  <p>Tires: High-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Vulcanized tire. Wheel center: Die-cast aluminum. Bearing type: Ball bearing. For more information refer to page 67</p>
<p><b>POEV</b></p>  <p>Tires: High-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, gray. Vulcanized tire. Wheel center: Impact-resistant nylon, black. Bearing type: Ball bearing. For more information refer to page 67</p>	<p><b>POTH</b></p>  <p>Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded. Wheel center: Impact-resistant nylon, natural white. Bearing type: Ball bearing. For more information refer to page 70</p>

Swivel casters	Rigid casters	Swivel casters with 'stop-fix' brake	Wheel Ø [inch] [mm]	Wheel width [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Total height [inch] [mm]	Plate size [inch]	Bolt hole spacing [inch]	For mounting bolt [inch]	Offset [inch]
<b>LEH-POG / LEH-SPOG series</b>											
LEH-POG 150K-14	BEHS-POG 150K-14	LEH-POG 150K-14-FI	6 [150]	2 [50]	880 [400]	Ball bearing	7 1/2 [191]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
LEH-SPOG 150K-14	BEHS-SPOG 150K-14	LEH-SPOG 150K-14-FI	6 [150]	2 [50]	1250 [568]	Ball bearing	7 1/2 [191]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
LEH-POG 160K-14	BEHS-POG 160K-14	LEH-POG 160K-14-FI	6 5/16 [160]	2 [50]	990 [450]	Ball bearing	7 7/8 [199]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/4
LEH-SPOG 160K-14	BEHS-SPOG 160K-14	LEH-SPOG 160K-14-FI	6 5/16 [160]	2 [50]	1250 [568]	Ball bearing	7 7/8 [199]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/4
LEH-POG 200K-14	BEHS-POG 200K-14	LEH-POG 200K-14-FI	8 [200]	2 [50]	1250 [568]	Ball bearing	9 1/2 [240]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
LEH-SPOG 201K-14	BEHS-SPOG 201K-14	LEH-SPOG 201K-14-FI	8 [200]	2 [50]	1250 [568]	Ball bearing	9 1/2 [240]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
<b>LEH-POEV series</b>											
LEH-POEV 160K-14-SG	BEHS-POEV 160K-14-SG	LEH-POEV 160K-14-FI-SG	6 5/16 [160]	2 [50]	880 [400]	Ball bearing	7 7/8 [199]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/4
LEH-POEV 200K-14-SG	BEHS-POEV 200K-14-SG	LEH-POEV 200K-14-FI-SG	8 [200]	2 [50]	1100 [500]	Ball bearing	9 1/2 [240]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
<b>LEH-ALEV series</b>											
LEH-ALEV 150K-14	BEHS-ALEV 150K-14	LEH-ALEV 150K-14-FI	6 [150]	2 1/8 [54]	880 [400]	Ball bearing	7 1/2 [191]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
LEH-ALEV 160K-14	BEHS-ALEV 160K-14	LEH-ALEV 160K-14-FI	6 5/16 [160]	2 [50]	880 [400]	Ball bearing	7 7/8 [199]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/4
LEH-ALEV 200K-14	BEHS-ALEV 200K-14	LEH-ALEV 200K-14-FI	8 [200]	2 [50]	1100 [500]	Ball bearing	9 1/2 [240]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
<b>LEH-POTH series</b>											
LEH-POTH 150K-14	BEHS-POTH 150K-14	LEH-POTH 150K-14-FI	6 [150]	1 3/4 [45]	1100 [500]	Ball bearing	7 1/2 [191]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
LEH-POTH 160K-14	BEHS-POTH 160K-14	LEH-POTH 160K-14-FI	6 5/16 [160]	1 3/4 [45]	1210 [550]	Ball bearing	7 7/8 [199]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/4
LEH-POTH 200K-14	BEHS-POTH 200K-14	LEH-POTH 200K-14-FI	8 [200]	2 [50]	1250 [568]	Ball bearing	9 1/2 [240]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8

Options							
							
With 'stop-top' brake	Swivel lock (retro fit) 1 x 360° **	With steel foot guard	With special foot guard	With pressed steel thread guard, zinc-plated	Electrically conductive version, black rubber tire	Antistatic version, non-marking gray	
<b>Product code suffix</b>	<b>-ST</b>	<b>RI-04.14</b>	<b>-FS</b>	<b>-FS</b>	<b>-FA</b>	<b>-EL</b>	<b>-AS</b>
Available for	upon request	all sizes	upon request	upon request	upon request	ALEV series upon request	ALTH series upon request

\*\* Only for swivel casters without 'stop-fix' brake





ALTH



Tread: High-quality polyurethane-elastomer Bickler Extrathane®, 92° shore A, light brown, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 73

ALB



Tread: High-quality polyurethane-elastomer Bickler Bestthane®, 92° shore A, brown, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 74

ALST



Tread: High-quality polyurethane-elastomer Bickler Softthane®, 75° shore A, green, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 71

ALBS



Tread: High-quality polyurethane-elastomer Bickler Bestthane® Soft, 75° shore A, blue, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 72

Swivel casters	Rigid casters	Swivel casters with 'stop-fix' brake	Wheel Ø [inch] [mm]	Wheel width [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Total height [inch] [mm]	Plate size [inch]	Bolt hole spacing [inch]	For mounting bolt [inch]	Offset [inch]
<b>LEH-ALTH series</b>											
LEH-ALTH 150K-14	BEHS-ALTH 150K-14	LEH-ALTH 150K-14-FI	6 [150]	2 [50]	1100 [500]	Ball bearing	7 1/2 [191]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
LEH-ALTH 160K-14	BEHS-ALTH 160K-14	LEH-ALTH 160K-14-FI	6 3/16 [160]	2 [50]	1210 [550]	Ball bearing	7 7/8 [199]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/4
LEH-ALTH 200K-14	BEHS-ALTH 200K-14	LEH-ALTH 200K-14-FI	8 [200]	2 [50]	1250 [568]	Ball bearing	9 1/2 [240]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/16
<b>LEH-ALST series</b>											
LEH-ALST 150K-14-CO *	BEHS-ALST 150K-14-CO *	LEH-ALST 150K-14-FI-CO *	6 [150]	2 1/8 [54]	1100 [500]	Ball bearing	7 1/2 [191]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
LEH-ALST 160K-14-CO *	BEHS-ALST 160K-14-CO *	LEH-ALST 160K-14-FI-CO *	6 3/16 [160]	2 [50]	1210 [550]	Ball bearing	7 7/8 [199]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/4
LEH-ALST 200K-14-CO *	BEHS-ALST 200K-14-CO *	LEH-ALST 200K-14-FI-CO *	8 [200]	2 [50]	1250 [568]	Ball bearing	9 1/2 [240]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/16
<b>LEH-ALB series</b>											
LEH-ALB 150K-14	BEHS-ALB 150K-14	LEH-ALB 150K-14-FI	6 [150]	2 [50]	1100 [500]	Ball bearing	7 1/2 [191]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
LEH-ALB 160K-14	BEHS-ALB 160K-14	LEH-ALB 160K-14-FI	6 3/16 [160]	2 [50]	1210 [550]	Ball bearing	7 7/8 [199]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/4
LEH-ALB 200K-14	BEHS-ALB 200K-14	LEH-ALB 200K-14-FI	8 [200]	2 [50]	1250 [568]	Ball bearing	9 1/2 [240]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/16
<b>LEH-ALBS series</b>											
LEH-ALBS 150K-14-CO *	BEHS-ALBS 150K-14-CO *	LEH-ALBS 150K-14-FI-CO *	6 [150]	2 1/8 [54]	1100 [500]	Ball bearing	7 1/2 [191]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/8
LEH-ALBS 160K-14-CO *	BEHS-ALBS 160K-14-CO *	LEH-ALBS 160K-14-FI-CO *	6 3/16 [160]	2 [50]	1210 [550]	Ball bearing	7 7/8 [199]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/4
LEH-ALBS 200K-14-CO *	BEHS-ALBS 200K-14-CO *	LEH-ALBS 200K-14-FI-CO *	8 [200]	2 [50]	1250 [568]	Ball bearing	9 1/2 [240]	4 x 4 1/2	2 5/8 x 3 5/8 / 3x3	3/8	2 1/16

\* With extra crowned running tread



Antistatic version, non-marking gray

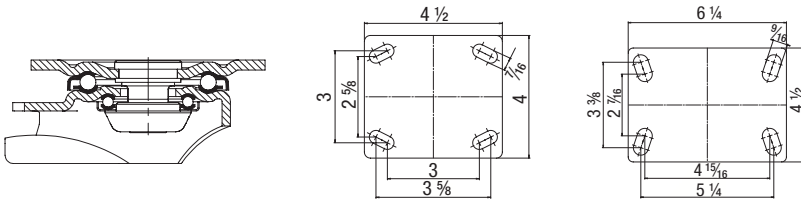
-AS

ALST series upon request

# LH 14/16-Series

## Heavy Duty Industrial Top Plate Casters

 400 - 2,000 lbs

 RoHS


The LH and BHS rig series with top plate fitting are available with the following wheels:

ALEV



Tires: High-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Vulcanized tire.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 67

SPOG



Wheel: High-quality, impact-resistant nylon, very rugged, extra heavy wheel design, 70° shore D, gray.  
Bearing type: Ball bearing.  
For more information refer to page 77

POTH



Tread: High-quality thermoplastic polyurethane (TPU), 94° shore A, dark gray, non-marking, non-staining, chemically bonded.  
Wheel center: Impact-resistant nylon, natural white.  
Bearing type: Ball bearing.  
For more information refer to page 70

GSPO



Wheel: High-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D, natural beige.  
Bearing type: Ball bearing.  
For more information refer to page 78

Swivel casters	Rigid casters	Swivel casters with 'stop-fix' brake	Wheel Ø [inch] [mm]	Wheel width [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Total height [inch] [mm]	Plate size [inch]	Bolt hole spacing [inch]	For mounting bolt [inch]	Offset [inch]
<b>LH-ALEV series</b>											
LH-ALEV 100K-14	BHS-ALEV 100K-14	LH-ALEV 100K-14-FI	4	[100]	1 1/8 [40]	440 [200]	Ball bearing	5 1/2 [140]	4 x 4 1/2	2 5/8x3 3/8 / 3x3	3/8 1 3/4
LH-ALEV 125K-14	BHS-ALEV 125K-14	LH-ALEV 125K-14-FI	5	[125]	1 1/8 [40]	550 [250]	Ball bearing	6 1/2 [165]	4 x 4 1/2	2 5/8x3 3/8 / 3x3	3/8 1 3/4
LH-ALEV 150K-16	BHS-ALEV 150K-16	LH-ALEV 150K-16-FI	6	[150]	2 1/8 [54]	880 [400]	Ball bearing	7 3/4 [197]	4 1/2 x 6 1/4	2 1/8x5 1/4 / 3 3/8x4 1 5/16	1/2 2 9/16
LH-ALEV 200K-16	BHS-ALEV 200K-16	LH-ALEV 200K-16-FI	8	[200]	2 [50]	1100 [500]	Ball bearing	9 [245]	4 1/2 x 6 1/4	2 1/8x5 1/4 / 3 3/8x4 1 5/16	1/2 2 3/4
<b>LH-POTH series</b>											
LH-POTH 100K-14	BHS-POTH 100K-14	LH-POTH 100K-14-FI	4	[100]	1 3/8 [35]	660 [300]	Ball bearing	5 1/2 [140]	4 x 4 1/2	2 5/8x3 3/8 / 3x3	3/8 1 3/4
LH-POTH 125K-14	BHS-POTH 125K-14	LH-POTH 125K-14-FI	5	[125]	1 3/8 [40]	770 [350]	Ball bearing	6 1/2 [165]	4 x 4 1/2	2 5/8x3 3/8 / 3x3	3/8 1 3/4
LH-POTH 150K-16	BHS-POTH 150K-16	LH-POTH 150K-16-FI	6	[150]	1 3/4 [45]	1100 [500]	Ball bearing	7 3/4 [197]	4 1/2 x 6 1/4	2 1/8x5 1/4 / 3 3/8x4 1 5/16	1/2 2 9/16
LH-POTH 200K-16	BHS-POTH 200K-16	LH-POTH 200K-16-FI	8	[200]	2 [50]	1760 [800]	Ball bearing	9 [245]	4 1/2 x 6 1/4	2 1/8x5 1/4 / 3 3/8x4 1 5/16	1/2 2 3/4
<b>LH-SPOG series</b>											
LH-SPOG 80K-14	BHS-SPOG 80K-14	LH-SPOG 80K-14-FI	3 1/8	[80]	1 7/8 [37]	770 [350]	Ball bearing	4 3/4 [120]	4 x 4 1/2	2 5/8x3 3/8 / 3x3	3/8 1 3/4
LH-SPOG 100K-14	BHS-SPOG 100K-14	LH-SPOG 100K-14-FI	4	[100]	1 7/8 [37]	1100 [500]	Ball bearing	5 1/2 [140]	4 x 4 1/2	2 5/8x3 3/8 / 3x3	3/8 1 3/4
LH-SPOG 125K-14	BHS-SPOG 125K-14	LH-SPOG 125K-14-FI	5	[125]	1 1/8 [40]	1540 [700]	Ball bearing	6 1/2 [165]	4 x 4 1/2	2 5/8x3 3/8 / 3x3	3/8 1 3/4
LH-SPOG 150K-16	BHS-SPOG 150K-16	LH-SPOG 150K-16-FI	6	[150]	2 [50]	1760 [800]	Ball bearing	7 3/4 [197]	4 1/2 x 6 1/4	2 1/8x5 1/4 / 3 3/8x4 1 5/16	1/2 2 9/16
LH-SPOG 201K-16	BHS-SPOG 201K-16	LH-SPOG 201K-16-FI	8	[200]	2 [50]	2000 [900]	Ball bearing	9 [245]	4 1/2 x 6 1/4	2 1/8x5 1/4 / 3 3/8x4 1 5/16	1/2 2 3/4
<b>LH-GSPO series</b>											
LH-GSPO 65K-14	BHS-GSPO 65K-14		2 5/8	[65]	1 1/8 [40]	1430 [650]	Ball bearing	3 3/4 [97]	4 x 4 1/2	2 5/8x3 3/8 / 3x3	3/8 1 3/4
LH-GSPO 80K-14	BHS-GSPO 80K-14	LH-GSPO 80K-14-FI	3 1/8	[80]	1 1/8 [40]	1540 [700]	Ball bearing	4 3/4 [120]	4 x 4 1/2	2 5/8x3 3/8 / 3x3	3/8 1 3/4
LH-GSPO 100K-14	BHS-GSPO 100K-14	LH-GSPO 100K-14-FI	4	[100]	1 1/8 [40]	1540 [700]	Ball bearing	5 1/2 [140]	4 x 4 1/2	2 5/8x3 3/8 / 3x3	3/8 1 3/4

### Options



	With 'stop-top' brake	With 'ideal-stop' brake, total height +47/64" **	Swivel lock (retro fit) 1 x 360° ***	Swivel lock (retro fit) 1 x 360° ***	With steel foot guard	Heavy duty stem versions	Twin wheel compact casters
Product code suffix	-ST	-IS	RI-04.14	RI-04.16	-FS	LHZ series	LHD series
Available for	upon request	upon request refer to page 27	wheel Ø 3 1/8" - 5"	wheel Ø 6" - 8" upon request	upon request	wheel Ø 5" - 8" upon request	wheel Ø 3 1/8" - 5" upon request

\*\* Matching synthetic adapter plate for total height compensation for swivel and rigid casters without 'ideal-stop' brake: **Product code AP3**

\*\*\* Only for swivel casters without 'stop-fix' brake

## ALST



Tread: High-quality polyurethane-elastomer Bickler Softthane®, 75° shore A, green, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 71

## ALBS



Tread: High-quality polyurethane-elastomer Bickler Besthane® Soft, 75° shore A, blue, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 72

## ALTH



Tread: High-quality polyurethane-elastomer Bickler Extrathane®, 92° shore A, light brown, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 73

## GTH



Tread: High-quality polyurethane-elastomer Bickler Extrathane®, 92° shore A, light brown, non-marking, non-staining. Cast tread.  
Wheel center: Rugged gray cast iron, lacquered, silver.  
Bearing type: Ball bearing.  
For more information refer to page 73

Swivel casters	Rigid casters	Swivel casters with 'stop-fix' brake	Wheel Ø [inch] [mm]	Wheel width [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Total height [inch] [mm]	Plate size [inch]	Bolt hole spacing [inch]	For mounting bolt [inch]	Offset [inch]
<b>LH-ALST series</b>											
LH-ALST 82K-14	BHS-ALST 82K-14	LH-ALST 82K-14-FI	3 1/8 [80]	1 1/16 [40]	505 [230]	Ball bearing	4 3/4 [120]	4 x 4 1/2	2 5/8 x 3/8 / 3x3	3/8	1 3/4
LH-ALST 100K-14	BHS-ALST 100K-14	LH-ALST 100K-14-FI	4 [100]	1 1/16 [40]	600 [300]	Ball bearing	5 1/2 [140]	4 x 4 1/2	2 5/8 x 3/8 / 3x3	3/8	1 3/4
LH-ALST 125K-14	BHS-ALST 125K-14	LH-ALST 125K-14-FI	5 [125]	1 1/16 [40]	770 [350]	Ball bearing	6 1/2 [165]	4 x 4 1/2	2 5/8 x 3/8 / 3x3	3/8	1 3/4
LH-ALST 150K-16-CO *	BHS-ALST 150K-16-CO *	LH-ALST 150K-16-FI-CO *	6 [150]	2 1/8 [54]	1100 [500]	Ball bearing	7 3/4 [197]	4 1/2 x 6 1/4	2 1/8 x 5/4 / 3/8 x 4 1/16	1/2	2 9/16
LH-ALST 200K-16-CO *	BHS-ALST 200K-16-CO *	LH-ALST 200K-16-FI-CO *	8 [200]	2 [50]	1540 [700]	Ball bearing	9 5/8 [245]	4 1/2 x 6 1/4	2 1/8 x 5/4 / 3/8 x 4 1/16	1/2	2 3/4
<b>LH-ALBS series</b>											
LH-ALBS 82K-14	BHS-ALBS 82K-14	LH-ALBS 82K-14-FI	3 1/8 [80]	1 1/16 [40]	505 [230]	Ball bearing	4 3/4 [120]	4 x 4 1/2	2 5/8 x 3/8 / 3x3	3/8	1 3/4
LH-ALBS 100K-14	BHS-ALBS 100K-14	LH-ALBS 100K-14-FI	4 [100]	1 1/16 [40]	660 [300]	Ball bearing	5 1/2 [140]	4 x 4 1/2	2 5/8 x 3/8 / 3x3	3/8	1 3/4
LH-ALBS 125K-14	BHS-ALBS 125K-14	LH-ALBS 125K-14-FI	5 [125]	1 1/16 [40]	770 [350]	Ball bearing	6 1/2 [165]	4 x 4 1/2	2 5/8 x 3/8 / 3x3	3/8	1 3/4
LH-ALBS 150K-16-CO *	BHS-ALBS 150K-16-CO *	LH-ALBS 150K-16-FI-CO *	6 [150]	2 1/8 [54]	1100 [500]	Ball bearing	7 3/4 [197]	4 1/2 x 6 1/4	2 1/8 x 5/4 / 3/8 x 4 1/16	1/2	2 9/16
LH-ALBS 200K-16-CO *	BHS-ALBS 200K-16-CO *	LH-ALBS 200K-16-FI-CO *	8 [200]	2 [50]	1540 [700]	Ball bearing	9 5/8 [245]	4 1/2 x 6 1/4	2 1/8 x 5/4 / 3/8 x 4 1/16	1/2	2 3/4
<b>LH-ALTH series</b>											
LH-ALTH 80K-14	BHS-ALTH 80K-14	LH-ALTH 80K-14-FI	3 1/8 [80]	1 1/8 [30]	400 [180]	Ball bearing	4 3/4 [120]	4 x 4 1/2	2 5/8 x 3/8 / 3x3	3/8	1 3/4
LH-ALTH 101K-14	BHS-ALTH 101K-14	LH-ALTH 101K-14-FI	4 [100]	1 1/16 [40]	770 [350]	Ball bearing	5 1/2 [140]	4 x 4 1/2	2 5/8 x 3/8 / 3x3	3/8	1 3/4
LH-ALTH 125K-14	BHS-ALTH 125K-14	LH-ALTH 125K-14-FI	5 [125]	1 1/16 [40]	770 [350]	Ball bearing	6 1/2 [165]	4 x 4 1/2	2 5/8 x 3/8 / 3x3	3/8	1 3/4
LH-ALTH 150K-16	BHS-ALTH 150K-16	LH-ALTH 150K-16-FI	6 [150]	2 [50]	1100 [500]	Ball bearing	7 3/4 [197]	4 1/2 x 6 1/4	2 1/8 x 5/4 / 3/8 x 4 1/16	1/2	2 9/16
LH-ALTH 200K-16	BHS-ALTH 200K-16	LH-ALTH 200K-16-FI	8 [200]	2 [50]	1760 [800]	Ball bearing	9 5/8 [245]	4 1/2 x 6 1/4	2 1/8 x 5/4 / 3/8 x 4 1/16	1/2	2 3/4
<b>LH-GTH series</b>											
LH-GTH 100K-14	BHS-GTH 100K-14	LH-GTH 100K-14-FI	4 [100]	1 1/16 [40]	880 [400]	Ball bearing	5 1/2 [140]	4 x 4 1/2	2 5/8 x 3/8 / 3x3	3/8	1 3/4
LH-GTH 125K-14	BHS-GTH 125K-14	LH-GTH 125K-14-FI	5 [125]	1 1/16 [40]	1100 [500]	Ball bearing	6 1/2 [165]	4 x 4 1/2	2 5/8 x 3/8 / 3x3	3/8	1 3/4
LH-GTH 150K-16	BHS-GTH 150K-16	LH-GTH 150K-16-FI	6 [150]	2 [50]	1650 [750]	Ball bearing	7 3/4 [197]	4 1/2 x 6 1/4	2 1/8 x 5/4 / 3/8 x 4 1/16	1/2	2 9/16
LH-GTH 200K-16	BHS-GTH 200K-16	LH-GTH 200K-16-FI	8 [200]	2 [50]	2000 [900]	Ball bearing	9 5/8 [245]	4 1/2 x 6 1/4	2 1/8 x 5/4 / 3/8 x 4 1/16	1/2	2 3/4

\* With extra crowned running tread




With non-marking gray rubber tire	Electrically conductive version, black rubber tire	Antistatic version, non-marking gray	With pressed steel thread guard, zinc-plated	Heat-resistant versions	Truck lock with Europ. top plate fitting 140x110/105x75-80 mm	European metric top plate fitting 100x85 / 80x60 mm	European metric top plate fitting 140x110/105x75-80 mm
-SG	-EL	-AS	-FA		FF 125/150/200		
ALEV series upon request	ALEV series upon request	ALTH, ALST series upon request	upon request	upon request	wheel Ø 5" - 8"	refer to G15 catalog	refer to G15 catalog

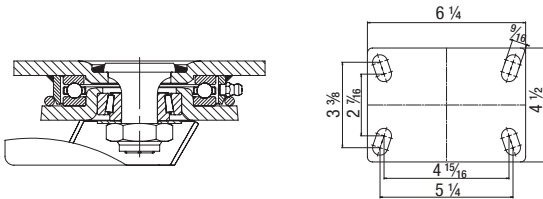


# LS 16-Series

## Extra Heavy Duty Top Plate Casters

 700 - 2,750 lbs

 RoHS



4

The LS and BS rig series with top plate fitting are available with the following wheels:

SE



Tires: High-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Vulcanized tire.  
Wheel center: Wheel Ø 5": Made of high-quality, impact-resistant nylon, black. Wheel Ø 6 5/16" - 8": Pressed steel, lacquered, anthracite.  
Bearing type: Ball bearing. For more information refer to page 67

GSPO



Wheel: High-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D, natural beige.  
Bearing type: Ball bearing.  
For more information refer to page 78

SPOG



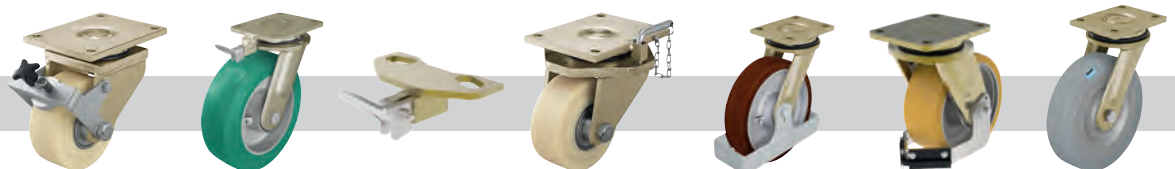
Wheel: High-quality, impact-resistant nylon, very rugged, extra heavy wheel design, 70° shore D, gray.  
Bearing type: Ball bearing.  
For more information refer to page 77

Swivel casters	Rigid casters	Swivel casters with 'stop-top' brake	Wheel Ø [inch] [mm]	Wheel width [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Total height [inch] [mm]	Plate size [inch]	Bolt hole spacing [inch]	For mounting bolt [inch]	Offset [inch]
<b>LS-SE series</b>											
LS-SE 125K-16	BS-SE 125K-16	LS-SE 125K-16-ST	5 [125]	2 [50]	700 [320]	Ball bearing	6 3/4 [170]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2
LS-SE 160K-16	BS-SE 160K-16	LS-SE 160K-16-ST	6 3/16 [160]	2 [50]	990 [450]	Ball bearing	8 1/16 [205]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2 1/8
LS-SE 200K-16	BS-SE 200K-16	LS-SE 200K-16-ST	8 [200]	2 [50]	1320 [600]	Ball bearing	9 3/8 [245]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2 3/8
<b>LS-SPOG series</b>											
LS-SPOG 127K-16	BS-SPOG 127K-16	LS-SPOG 127K-16-ST	5 [125]	2 [50]	1650 [750]	Ball bearing	6 3/4 [170]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2
LS-SPOG 150K-16	BS-SPOG 150K-16	LS-SPOG 150K-16-ST	6 [150]	2 [50]	1760 [800]	Ball bearing	7 7/8 [200]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2 1/8
LS-SPOG 201K-16	BS-SPOG 201K-16	LS-SPOG 201K-16-ST	8 [200]	2 [50]	2200 [1000]	Ball bearing	9 3/8 [245]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2 3/8
LS-SPOG 200K-16 *	BS-SPOG 200K-16 *	LS-SPOG 200K-16-ST *	8 [200]	2 [50]	2750 [1250]	Ball bearing	9 3/8 [245]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2 3/8
<b>LS-GSPO series</b>											
LS-GSPO 101K-16	BS-GSPO 101K-16	LS-GSPO 101K-16-ST	4 [100]	2 1/8 [55]	2750 ** [1250] **	Ball bearing	5 3/8 [145]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2
LS-GSPO 125K-16	BS-GSPO 125K-16	LS-GSPO 125K-16-ST	5 [125]	2 1/8 [55]	2750 ** [1250] **	Ball bearing	6 3/4 [170]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2

\* Extra heavy wheel design

\*\* Test in accordance to DIN 12532 with extended resting periods in order to avoid thermal overstressing

### Options



	With 'Radstop' tread lock (hand-operated)	Welded swivel lock 4 x 90° (foot-operated)	Swivel lock (retro fit)	With swivel lock 4 x 90° (hand-operated)	With steel foot guard	With special foot guard	With non-marking gray rubber tire
Product code suffix	-RAH	-RI4	RI-LS-16	-RI4H	-FS	-FS	-SG
Available for	GSPO, GTH series upon request	upon request	upon request	GSPO series upon request	upon request	upon request	SE series, Ø 5" - 8" upon request

casterdepot.com



GST



Tread: High-quality polyurethane-elastomer Bickel Softthane®, 75° shore A, green, non-marking, non-staining. Cast tread.  
Wheel center: Rugged gray cast iron, lacquered, silver.  
Bearing type: Ball bearing.  
For more information refer to page 71

GB



Tread: High-quality polyurethane-elastomer Bickel Bestthane®, 92° shore A, brown, non-marking, non-staining. Cast tread.  
Wheel center: Rugged gray cast iron, lacquered, silver.  
Bearing type: Ball bearing.  
For more information refer to page 74

GTH



Tread: High-quality polyurethane-elastomer Bickel Extrathane®, 92° shore A, light brown, non-marking, non-staining. Cast tread.  
Wheel center: Rugged gray cast iron, lacquered, silver.  
Bearing type: Ball bearing.  
For more information refer to page 73

Swivel casters	Rigid casters	Swivel casters with 'stop-top' brake	Wheel Ø [inch] [mm]	Wheel width [inch][mm]	Load capacity [lbs] [kg]	Bearing type	Total height [inch] [mm]	Plate size [inch]	Bolt hole spacing [inch]	For mounting bolt [inch]	Offset [inch]
<b>LS-GST series</b>											
LS-GST 127K-16	BS-GST 127K-16	LS-GST 127K-16-ST	5 [125]	2 [50]	990 [450]	Ball bearing	6 ¾ [170]	4 ½ x 6 ¼	2 ⅞ x 5 ¼ / 3 ⅞ x 4 ⅞	½	2
LS-GST 150K-16	BS-GST 150K-16	LS-GST 150K-16-ST	6 [150]	2 [50]	1210 [550]	Ball bearing	7 ⅞ [200]	4 ½ x 6 ¼	2 ⅞ x 5 ¼ / 3 ⅞ x 4 ⅞	½	2 ⅞
LS-GST 200K-16	BS-GST 200K-16	LS-GST 200K-16-ST	8 [200]	2 [50]	1760 [800]	Ball bearing	9 ⅞ [245]	4 ½ x 6 ¼	2 ⅞ x 5 ¼ / 3 ⅞ x 4 ⅞	½	2 ⅞
<b>LS-GTH series</b>											
LS-GTH 127K-16	BS-GTH 127K-16	LS-GTH 127K-16-ST	5 [125]	2 [50]	1320 [600]	Ball bearing	6 ¾ [170]	4 ½ x 6 ¼	2 ⅞ x 5 ¼ / 3 ⅞ x 4 ⅞	½	2
LS-GTH 150K-16	BS-GTH 150K-16	LS-GTH 150K-16-ST	6 [150]	2 [50]	1650 [750]	Ball bearing	7 ⅞ [200]	4 ½ x 6 ¼	2 ⅞ x 5 ¼ / 3 ⅞ x 4 ⅞	½	2 ⅞
LS-GTH 200K-16	BS-GTH 200K-16	LS-GTH 200K-16-ST	8 [200]	2 [50]	2200 [1000]	Ball bearing	9 ⅞ [245]	4 ½ x 6 ¼	2 ⅞ x 5 ¼ / 3 ⅞ x 4 ⅞	½	2 ⅞
<b>LS-GB series</b>											
LS-GB 128K-16	BS-GB 128K-16	LS-GB 128K-16-ST	5 [125]	2 ⅞ [60]	1540 [700]	Ball bearing	6 ¾ [170]	4 ½ x 6 ¼	2 ⅞ x 5 ¼ / 3 ⅞ x 4 ⅞	½	2
LS-GB 150K-16	BS-GB 150K-16	LS-GB 150K-16-ST	6 [150]	2 [50]	1650 [750]	Ball bearing	7 ⅞ [200]	4 ½ x 6 ¼	2 ⅞ x 5 ¼ / 3 ⅞ x 4 ⅞	½	2 ⅞
LS-GB 200K-16	BS-GB 200K-16	LS-GB 200K-16-ST	8 [200]	2 [50]	2200 [1000]	Ball bearing	9 ⅞ [245]	4 ½ x 6 ¼	2 ⅞ x 5 ¼ / 3 ⅞ x 4 ⅞	½	2 ⅞



Antistatic version, non-marking gray



Heavy duty twin wheel swivel and rigid casters



Cast nylon flanged wheel with rigid rig



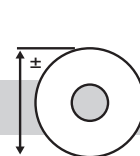
With solid steel wheels



Truck lock with Europ. top plate fitting 140x110/105x75-80 mm



Heat-resistant versions



Further dimensions up to a load capacity of 44,000 lbs



European metric top plate fitting 140x110/105x75-80 mm

-AS

LSD / BSD series

BS-SPKGSP0 series

SVS series

FF 125/150/200

GTH series upon request

upon request

upon request

upon request

wheel Ø 5" - 8"


upon request

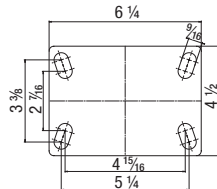
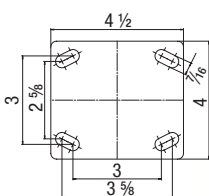
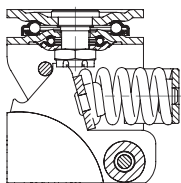
GSP0, GTH series upon request

refer to G15 catalog

# LHF 14/16-Series

## Medium Duty Spring-Loaded Top Plate Casters with Steel Spring

 440 - 1,750 lbs

 RoHS


The LHF and BHF rig series with top plate fitting are available with the following wheels:

5

ALEV



Tires: High-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, non-marking gray. Vulcanized tire.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 67

ALST



Tread: High-quality polyurethane-elastomer Blickle Softthane®, 75° shore A, green, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 71

ALTH



Tread: High-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 73

Swivel casters	Rigid casters	Wheel Ø	Wheel width	Load capacity	Spring tension	Initial tension	Spring travel	Total height	Plate size	Bolt hole spacing	For mounting bolt	Offset
		[inch] [mm]	[inch] [mm]	[lbs] [kg]	[lbs] [kg]	[lbs] [kg]	[inch] [mm]	[inch] [mm]	[inch] [mm]	[inch]	[inch]	[inch]
<b>LHF-ALEV series</b>												
LHF-ALEV 100K-14-SG	BHF-ALEV 100K-14-SG	4 [100]	1 1/16 [40]	440 [200]	440 [200]	66 [30]	3/4 [19]	6 7/8 [175]	4 x 4 1/2	2 5/8 x 3 3/8 / 3x3	3/8	1 1/4
LHF-ALEV 125K-14-SG	BHF-ALEV 125K-14-SG	5 [125]	1 1/16 [40]	550 [250]	530 [240]	66 [30]	13/16 [21]	7 7/8 [200]	4 x 4 1/2	2 5/8 x 3 3/8 / 3x3	3/8	1 3/4
LHF-ALEV 150K-16-SG	BHF-ALEV 150K-16-SG	6 [150]	2 [50]	880 [400]	880 [400]	110 [50]	1 [25]	9 1/2 [240]	4 1/2 x 6 1/4	2 7/8 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2 1/8
LHF-ALEV 200K-16-SG	BHF-ALEV 200K-16-SG	8 [200]	2 [50]	1100 [500]	880 [400]	110 [50]	1 [25]	10 7/16 [265]	4 1/2 x 6 1/4	2 7/8 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2 9/16
<b>LHF-ALTH series</b>												
LHF-ALTH 101K-14-FA *	BHF-ALTH 101K-14-FA *	4 [100]	1 1/16 [40]	770 [350]	440 [200]	66 [30]	3/4 [19]	6 7/8 [175]	4 x 4 1/2	2 5/8 x 3 3/8 / 3x3	3/8	1 1/4
LHF-ALTH 125K-14-FA *	BHF-ALTH 125K-14-FA *	5 [125]	1 1/16 [40]	770 [350]	530 [240]	66 [30]	13/16 [21]	7 7/8 [200]	4 x 4 1/2	2 5/8 x 3 3/8 / 3x3	3/8	1 3/4
LHF-ALTH 150K-16	BHF-ALTH 150K-16	6 [150]	2 [50]	1100 [500]	1255 [570]	110 [50]	1 [25]	9 1/2 [240]	4 1/2 x 6 1/4	2 7/8 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2 1/8
LHF-ALTH 200K-16	BHF-ALTH 200K-16	8 [200]	2 [50]	1750 [800]	1255 [570]	110 [50]	1 [25]	10 7/16 [265]	4 1/2 x 6 1/4	2 7/8 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2 9/16
<b>LHF-ALST series</b>												
LHF-ALST 100K-14	BHF-ALST 100K-14	4 [100]	1 1/16 [40]	660 [300]	440 [200]	66 [30]	3/4 [19]	6 7/8 [175]	4 x 4 1/2	2 5/8 x 3 3/8 / 3x3	3/8	1 1/4
LHF-ALST 125K-14	BHF-ALST 125K-14	5 [125]	1 1/16 [40]	770 [350]	530 [240]	66 [30]	13/16 [21]	7 7/8 [200]	4 x 4 1/2	2 5/8 x 3 3/8 / 3x3	3/8	1 3/4
LHF-ALST 150K-16-CO **	BHF-ALST 150K-16-CO **	6 [150]	2 1/8 [54]	1100 [500]	1255 [570]	110 [50]	1 [25]	9 1/2 [240]	4 1/2 x 6 1/4	2 7/8 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2 1/8
LHF-ALST 200K-16-CO **	BHF-ALST 200K-16-CO **	8 [200]	2 [50]	1540 [700]	1255 [570]	110 [50]	1 [25]	10 7/16 [265]	4 1/2 x 6 1/4	2 7/8 x 5 1/4 / 3 3/8 x 4 15/16	1/2	2 9/16

\* With pressed steel thread guard, zinc-plated

\*\* With extra crowned running tread

### Options



	With 'Radstop' tread lock (foot-operated)	Electrically conductive version, black rubber tire	Antistatic version, non-marking gray	With alternative spring tensions	Other designs	European metric top plate fitting 100x85 / 80x60 mm	European metric top plate fitting 140x110 / 105x75-80 mm
Product code suffix	-RA	-EL	-AS				
Available for	upon request	ALEV series upon request	ALTH series upon request	upon request	upon request	refer to G15 catalog	refer to G15 catalog

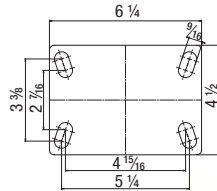
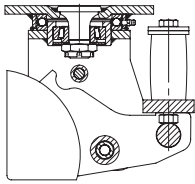


# LSFE 16-Series

## Heavy Duty Spring-Loaded Top Plate Casters with Polyurethane Spring

1,000 - 2,200 lbs

✓RoHS



The LSFE and BSFE rig series with top plate fitting are available with the following wheels:

SE



Tires: High-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A, black. Vulcanized tire.  
Wheel center: Pressed steel, lacquered, anthracite.  
Bearing type: Ball bearing.  
For more information refer to page 67

GST



Tread: High-quality polyurethane-elastomer Blickle Softthane®, 75° shore A, green, non-marking, non-staining. Cast tread.  
Wheel center: Rugged gray cast iron, lacquered, silver.  
Bearing type: Ball bearing.  
For more information refer to page 71

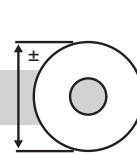
GTH



Tread: High-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Cast tread.  
Wheel center: Rugged gray cast iron, lacquered, silver.  
Bearing type: Ball bearing.  
For more information refer to page 73

Swivel casters	Rigid casters	Wheel Ø	Wheel width	Load capacity	Spring tension	Initial tension	Spring travel	Total height	Plate size	Bolt hole spacing	For mounting bolt	Offset
		[inch] [mm]	[inch] [mm]	[lbs] [kg]	[lbs] [kg]	[lbs] [kg]	[inch] [mm]	[inch] [mm]	[inch] [mm]	[inch]	[inch]	[inch]
<b>LSFE-SE series</b>												
LSFE-SE 160K-16	BSFE-SE 160K-16	6 5/16 [160]	2 [50]	1000 [450]	660 [300]	110 [50]	1 [25]	9 5/8 [245]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	4
LSFE-SE 200K-16	BSFE-SE 200K-16	8 [200]	2 [50]	1320 [600]	1100 [500]	110 [50]	1 [25]	10 7/16 [265]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	4
<b>LSFE-GTH series</b>												
LSFE-GTH 150K-16	BSFE-GTH 150K-16	6 [150]	2 [50]	1760 [800]	1100 [500]	110 [50]	1 [25]	9 1/2 [240]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	4
LSFE-GTH 200K-16	BSFE-GTH 200K-16	8 [200]	2 [50]	2200 [1000]	1100 [500]	110 [50]	1 [25]	10 7/16 [265]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	4
<b>LSFE-GST series</b>												
LSFE-GST 150K-16	BSFE-GST 150K-16	6 [150]	2 [50]	1320 [600]	1100 [500]	110 [50]	1 [25]	9 1/2 [240]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	4
LSFE-GST 200K-16	BSFE-GST 200K-16	8 [200]	2 [50]	1760 [800]	1100 [500]	110 [50]	1 [25]	10 7/16 [265]	4 1/2 x 6 1/4	2 1/16 x 5 1/4 / 3 3/8 x 4 15/16	1/2	4

### Options

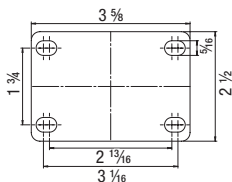
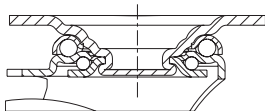


	With 'Radstop' tread lock (foot-operated)	With swivel lock	With alternative spring tensions	With non-marking gray rubber tire	Antistatic version, non-marking gray	Further dimensions up to 12" and a load capacity of 5,300 lbs	European metric top plate fitting 140x110/105x75-80 mm
Product code suffix	-RA	-RI		-SG	-AS		
Available for	upon request	upon request	upon request	SE series upon request	GTH series upon request	upon request	refer to G15 catalog

## LI 12-Series

### Medium Duty Heat-Resistant Industrial Top Plate Casters

220 - 330 lbs -15° F - +480° F RoHS



The LI and B rig series with top plate fitting are available with the following wheels:

POSI



Tread: Highly heat-resistant silicone rubber Bickie TempLine® Comfort, 75° shore A, black, **non-marking**. Vulcanized tire.  
Wheel center: Impact and heat-resistant nylon, gray.  
Bearing type: Plain bore with teflon-coated stainless steel bushing.  
For more information refer to page 81

Bickie TempLine® Comfort

POHI



Wheel: High-quality, impact and heat-resistant nylon Bickie TempLine® Performance, 85° shore D, gray.  
Bearing type: Plain bore with teflon-coated stainless steel bushing.  
For more information refer to page 82

Bickie TempLine® Performance

Swivel casters	Rigid casters	Swivel casters with 'stop-fix' brake	Wheel Ø [inch][mm]	Wheel width [inch][mm]	Load capacity [lbs][kg]	Bearing type	Total height [inch][mm]	Plate size [inch]	Bolt hole spacing [inch]	For mounting bolt [inch]	Offset [inch]
<b>LI-POSI series</b>											
LI-POSI 100G-12-XAT	B-POSI 100G-12-XAT	LI-POSI 100G-12-FI-XAT	4 [100]	1 9/16 [40]	220 [100]	Plain bore	5 1/8 [130]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 7/16
LI-POSI 125G-12-XAT	B-POSI 125G-12-XAT	LI-POSI 125G-12-FI-XAT	5 [125]	1 9/16 [40]	265 [120]	Plain bore	6 1/8 [155]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 9/16
<b>LI-POHI series</b>											
LI-POHI 100G-12-XAT	B-POHI 100G-12-XAT	LI-POHI 100G-12-FI-XAT	4 [100]	1 1/8 [30]	330 [150]	Plain bore	5 1/8 [130]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 7/16
LI-POHI 125G-12-XAT	B-POHI 125G-12-XAT	LI-POHI 125G-12-FI-XAT	5 [125]	1 9/16 [40]	330 [150]	Plain bore	6 1/8 [155]	2 1/2 x 3 3/8	1 3/4 x 2 13/16 - 3 1/16	5/16	1 9/16

Image of teflon-coated stainless steel bushing (XAT)



#### Options



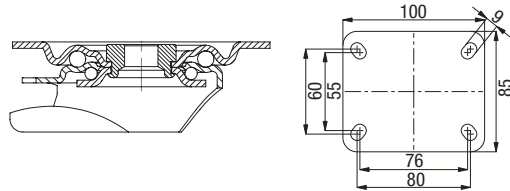
	With non-marking gray rubber tire *	With ball bearings lubricated with special heat-resistant grease	With silicone rubber tread and aluminum wheel center	LI-POHI series wheel Ø 3 1/8", 6", 8"	With bolt hole, for mounting bolt Ø 1/2"	Heat-resistant heavy duty casters up to 2,750 lbs	European metric top plate fitting 100x85 / 80x60 mm
Product code suffix	-SG	-HK	LI-ALSI series		LIR series		
Available for	POSI series upon request	POHI series upon request	wheel Ø 4" upon request	upon request	wheel Ø 3 1/8" - 5" upon request	upon request	refer to G15 catalog

\* Operating temperature up to +465° F

# LIX Series

## Medium Duty Heat-Resistant Stainless Steel Industrial Top Plate Casters - Metric Standards

220 - 330 lbs -15° F - +480° F ✓RoHS



The LIX and BX rig series with top plate fitting are available with the following wheels:

POSI		Tread: Highly heat-resistant silicone rubber Bickie TempLine® Comfort, 75° shore A, black, <b>non-marking</b> . Vulcanized tire. Wheel center: Impact and heat-resistant nylon, gray. Bearing type: Plain bore with teflon-coated stainless steel bushing. For more information refer to page 81
POHI		Wheel: High-quality, impact and heat-resistant nylon Bickie TempLine® Performance, 85° shore D, gray. Bearing type: Plain bore with teflon-coated stainless steel bushing. For more information refer to page 82



Bickie  
TempLine® Comfort

Bickie  
TempLine® Performance

6

Swivel casters	Rigid casters	Swivel casters with 'stop-fix' brake	Wheel Ø [inch] [mm]	Wheel width [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Total height [inch] [mm]	Plate size [mm]	Bolt hole spacing [mm]	For mount- ing bolt [inch]	Offset [inch]	G15 page
<b>LIX-POSI series</b>												
LIX-POSI 100G-OF-XAT	BX-POSI 100G-XAT	LIX-POSI 100G-FI-OF-XAT	4 [100]	1 1/8 [40]	220 [100]	Plain bore	4 15/16 [125]	100 x 85	80 x 60	5/16	1 1/16	384
LIX-POSI 125G-OF-XAT	BX-POSI 125G-XAT	LIX-POSI 125G-FI-OF-XAT	5 [125]	1 1/8 [40]	265 [120]	Plain bore	5 7/8 [150]	100 x 85	80 x 60	5/16	1 1/16	384
<b>LIX-POHI series</b>												
LIX-POHI 100G-OF-XAT	BX-POHI 100G-XAT	LIX-POHI 100G-FI-OF-XAT	4 [100]	1 1/8 [30]	330 [150]	Plain bore	4 15/16 [125]	100 x 85	80 x 60	5/16	1 1/16	392
LIX-POHI 125G-OF-XAT	BX-POHI 125G-XAT	LIX-POHI 125G-FI-OF-XAT	5 [125]	1 1/8 [40]	330 [150]	Plain bore	5 7/8 [150]	100 x 85	80 x 60	5/16	1 1/16	392

All casters on this page are suitable for autoclaves and washdown applications.

Image of teflon-coated stainless steel bushing (XAT)



More options in the Bickie general catalog G15!

Options



	With high temperature stainless steel ball bearings in the wheel	With heat-resistant grease in the swivel head	With silicone rubber tread and aluminum wheel center	LIX-POHI series wheel Ø 3 1/8", 6", 8" *	For mounting bolt Ø 1/2"	Stainless steel heat-resistant medium duty casters	Natural color, temperature range -20° F to +340° F **
Product code suffix	-HXX	remove suffix -OF	LIX-ALSI series		LIXR series	LIXX series	LIX-POH series
Available for	POHI series upon request	upon request	wheel Ø 4" upon request	upon request	wheel Ø 3 1/8"-5" upon request	upon request	upon request

\* Wheel Ø 6" and 8" with plate size 140 x 110 mm and bolt hole spacing 105 x 75-80 mm

\*\* Operating temperature temporarily up to +430° F

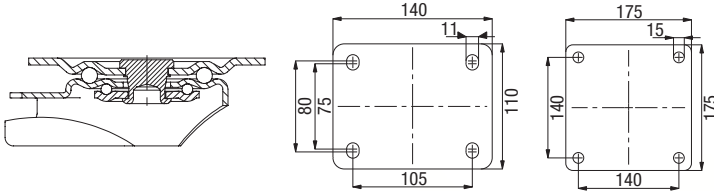


# Casters with Pneumatic and Soft Solid Tires

## Medium Duty Industrial Top Plate Casters - Metric Standards

165 - 1,000 lbs

✓RoHS



The L and B rig series with top plate fitting are available with the following wheels:

P

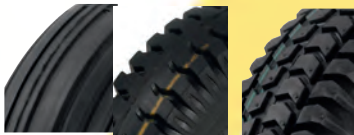


Tires: Pneumatic tires with ribbed or zig-zag profile, 2 or 4 ply rating, with tube, black.  
Rim: Pressed steel, with tubular steel hub, zinc-plated, blue-passivated, Cr6-free. Bearing type: Roller bearing.  
For more information refer to page 68

VLE



Tires: 2-component tires with hard rubber core and super-elastic, abrasion-resistant tread, steel-wire reinforced, black, **puncture proof**.  
Rims: Heavy pressed steel, bolted (flat based rim), with tubular steel hub, zinc-plated, blue-passivated, Cr6-free. Bearing type: Ball bearing.  
For more information refer to page 69



Profile R01

Profile B01

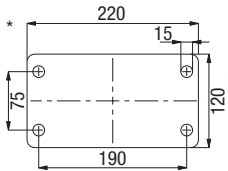
Profile B02



Profile R50

Profile B51

Swivel casters	Rigid casters	Swivel casters with 'stop-top' brake	Wheel Ø		Tire width		Load capacity		Bearing type	Total height	Plate size	Bolt hole spacing	For mounting bolt	Offset	Profile	G15 page	
			[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]									
L-P series																	
L-P 200R	B-P 200R	L-P 200R-ST	8	[200]	2	[50]	165	[75]	Roller bearing	9 ¼	[235]	140 x 110	105 x 75-80	⅜	2 1⁄₃₂	R01	194
L-P 222R	B-P 222R	L-P 222R-ST	8 ⅝	[220]	2 1⁄₃₂	[65]	220	[100]	Roller bearing	10 ⅙₄	[255]	140 x 110	105 x 75-80	⅜	2 4¹⁄₆₄	B01	194
L-P 263R	B-P 263R *	L-P 263R-ST	10 ⅞₃₂	[260]	3 1¹⁄₃₂	[85]	330	[150]	Roller bearing	12 ⅞	[308]	175 x 175	140 x 140	½	3 ⅝₆₄	B02	194
				10 ⅞₃₂	[260]	3 1¹⁄₃₂	[85]	330	[150]	Roller bearing	12 ⅞	[308]	220 x 120	190 x 75	½		B02
L-P 267R	B-P 267R *	L-P 267R-ST	10 ⅞₃₂	[260]	3 1¹⁄₃₂	[85]	550	[250]	Roller bearing	12 ⅞	[308]	175 x 175	140 x 140	½	3 ⅝₆₄	B02	194
				10 ⅞₃₂	[260]	3 1¹⁄₃₂	[85]	550	[250]	Roller bearing	12 ⅞	[308]	220 x 120	190 x 75	½		B02
L-VLE series (puncture proof)																	
L-VLE 250K	B-VLE 250K *	L-VLE 250K-ST	10	[250]	3 1¹⁄₃₂	[85]	1000	[450]	Ball bearing	11 ³⁹⁄₆₄	[295]	175 x 175	140 x 140	½	2 ¾	R50	203
				10	[250]	3 1¹⁄₃₂	[85]	1000	[450]	Ball bearing	11 ³⁹⁄₆₄	[295]	220 x 120	190 x 75	½		R50
L-VLE 255K	B-VLE 255K *	L-VLE 255K-ST	10	[250]	3 1¹⁄₃₂	[85]	1000	[450]	Ball bearing	11 ³⁹⁄₆₄	[295]	175 x 175	140 x 140	½	2 ¾	B51	203
				10	[250]	3 1¹⁄₃₂	[85]	1000	[450]	Ball bearing	11 ³⁹⁄₆₄	[295]	220 x 120	190 x 75	½		B51



More options in the Bickler catalog G15!

Options



With non-marking gray rubber tire

With puncture-proof, foam-filled tire

Swivel lock (retro fit) 1 x 360° \*\*

More heavy duty casters \*\*\*

With non-marking gray rubber tire

Antistatic version, black rubber tire

More heavy duty casters \*\*\*\*


Product code suffix	-SG	-AG	RI-05.03	P / PS series	-SN	-AS	LS-VLE series
Available for	P series upon request	P series upon request	P series, Ø 8" upon request	upon request	VLE series upon request	VLE series upon request	upon request

\*\* Only for swivel casters without brake

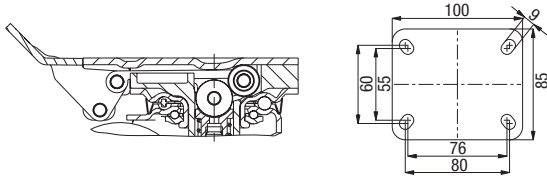
\*\*\* Up to a diameter of 21" and a load capacity of 2,860 lbs \*\*\*\* Up to a diameter of 20" and a load capacity of 4,150 lbs

## HRLK Series

### Industrial Top Plate Casters with Integrated Truck Lock - Metric Standards

 400 - 660 lbs

✓RoHS



The HRLK rig series with top plate fitting is available with the following wheels:

POG



Wheel: Impact-resistant nylon, 70° shore D, gray.  
Bearing type: Plain bore.  
For more information refer to page 76

ALTH



Tread: High-quality polyurethane-elastomer Blickle Extrathane®, 92° shore A, light brown, non-marking, non-staining. Cast tread.  
Wheel center: Die-cast aluminum.  
Bearing type: Ball bearing.  
For more information refer to page 73

SPOG

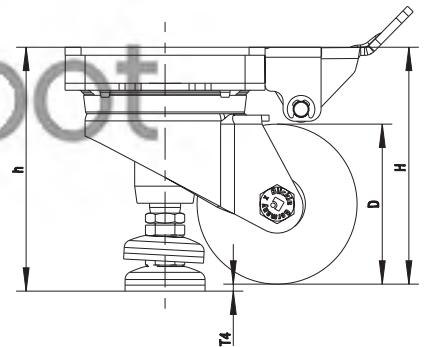


Wheel: High-quality, impact-resistant nylon, very rugged, extra heavy wheel design, 70° shore D, gray.  
Bearing type: Ball bearing.  
For more information refer to page 77

Swivel casters *	Wheel Ø (D) [inch] [mm]	Wheel width (T2) [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Total height (H) [inch] [mm]	Max. total height (h) [inch] [mm]	Lifting height (T4) [inch] [mm]	Plate size [mm]	Bolt hole spacing [mm]	For mount- ing bolt [inch]	Offset [inch]
<b>HRLK-POG series</b>											
<b>HRLK-POG 82G</b>	3 1/8 [80]	1 7/16 [37]	505 [230]	Plain bore	4 1/16 [120]	4 5/64 [122]	5/64 [2]	100 x 85	80 x 60	5/16	2 13/64
<b>HRLK-POG 100G</b>	4 [100]	1 7/16 [37]	505 [230]	Plain bore	5 1/2 [140]	5 33/64 [142]	5/64 [2]	100 x 85	80 x 60	5/16	2 11/32
<b>HRLK-SPOG series</b>											
<b>HRLK-SPOG 80K</b>	3 1/8 [80]	1 7/16 [37]	660 [300]	Ball bearing	4 1/16 [120]	4 5/64 [122]	5/64 [2]	100 x 85	80 x 60	5/16	2 13/64
<b>HRLK-ALTH series</b>											
<b>HRLK-ALTH 80K</b>	3 1/8 [80]	1 1/8 [30]	400 [180]	Ball bearing	4 1/16 [120]	4 5/64 [122]	5/64 [2]	100 x 85	80 x 60	5/16	2 13/64
<b>HRLK-ALTH 100K</b>	4 [100]	1 7/16 [40]	505 [230]	Ball bearing	5 1/2 [140]	5 33/64 [142]	5/64 [2]	100 x 85	80 x 60	5/16	2 11/32

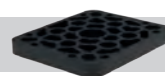
\* The foot-operated actuation lever of the Blickle HRLK series does not rotate with the swivel head and is therefore always accessible.

CasterDepot



More  
options in the  
Blickle general  
catalog  
G15!

Options



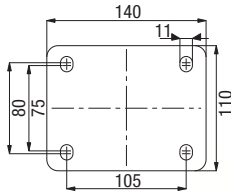
	HRLH series up to 660 lbs	HRLHD series up to 1,320 lbs	HRP series	HRIG series	HRSP series up to 4,400 lbs	Matching synthetic adapter plate **	Stainless steel version
Product code suffix	<b>HRLH-SPO 75K</b>	<b>HRLHD-SPO 75K</b>	<b>HRP-POA series</b>	<b>HRIG-POA series</b>	<b>HRSP-POA 72G</b> <b>HRSP-GSPO 90G</b>	<b>AP1</b>	<b>HRLKX series</b>
Available for	upon request	upon request	wheel Ø 1 3/4" - 3" upon request	wheel Ø 1 3/4" - 3" upon request	wheel Ø 3" - 3 1/2" upon request	upon request	upon request

\*\* For total height compensation (+3/8") for corresponding swivel and rigid casters

# Drum, Dead Man's and other Ergonomic Brake Casters

Medium Duty Industrial Top Plate Rigid Casters - Metric Standards

1,000 - 1,350 lbs ✓RoHS



## Rigid casters with drum brake:

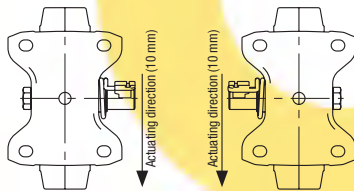
Rigid casters with a drum brake can be operated by methods such as a cable pull or a lever arm. The enclosed design protects the brake shoes against corrosion and dirt. Therefore the brake performance is not affected by wet conditions or road contamination.

## Rigid casters with dead man's brake:

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

Right version

Left version



## GEV-wheel series:

Tires: Made of high-quality elastic solid rubber in smooth rolling quality, 65° shore A, non-marking gray. Vulcanized tire.  
Wheel center: Made of rugged gray cast iron, lacquered, silver, with two pressed-in ball bearings.

## GST-wheel series:

Tread: Made of high-quality polyurethane-elastomer Blicke Softthane®, 75° shore A, green, non-marking, non-staining. Cast tread.  
Wheel center: Made of rugged gray cast iron, lacquered, silver, with two pressed-in ball bearings.

## GTH-wheel series:

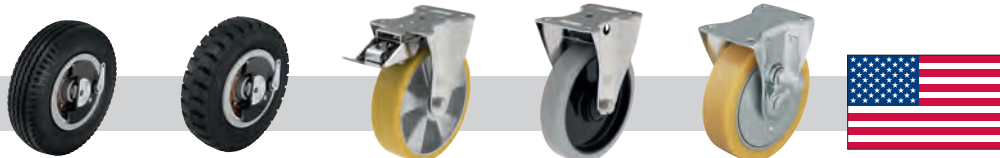
Tread: Made of high-quality polyurethane-elastomer Blicke Extrathane®, 92° shore A, light brown, non-marking, non-staining. Cast tread.  
Wheel center: Made of rugged gray cast iron, lacquered, silver, with two pressed-in ball bearings.

Rigid casters with drum brake	Rigid casters with dead man's brake *	Wheel Ø [inch] [mm]	Wheel width [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Total height [inch] [mm]	Plate size [mm]	Bolt hole spacing [mm]	For mounting bolt [inch]	G15 page
<b>B-GEV series</b>										
B-GEV 160K-TB-SG	B-GEV 160K-TM-SG	6 7/16 [160]	2 [50]	1000 [450]	Ball bearing	7 11/16 [195]	140 x 110	105 x 75-80	3/8	482
B-GEV 200K-TB-SG	B-GEV 200K-TM-SG	8 [200]	2 [50]	1350 [600]	Ball bearing	9 1/4 [235]	140 x 110	105 x 75-80	3/8	482
<b>B-GST series</b>										
B-GST 200K-TB	B-GST 200K-TM	8 [200]	2 [50]	1350 [600]	Ball bearing	9 1/4 [235]	140 x 110	105 x 75-80	3/8	482
<b>B-GTH series</b>										
B-GTH 160K-TB	B-GTH 160K-TM	6 7/16 [160]	2 [50]	1350 [600]	Ball bearing	7 11/16 [195]	140 x 110	105 x 75-80	3/8	482
B-GTH 200K-TB	B-GTH 200K-TM	8 [200]	2 [50]	1350 [600]	Ball bearing	9 1/4 [235]	140 x 110	105 x 75-80	3/8	482

\* Product code has to be supplemented by the suffixes L for left and R for right version.

More options in the Blicke general catalog G15!

Options



	With pneumatic tires	With super-elastic solid rubber tires, puncture proof	Rigid brake caster, lever operated	Rigid brake caster operated by hidden switch cam **	With heavy duty rig	US-Standard top plate fitting 4 1/2" x 6 1/4"
Product code suffix	PS series	VLE series			BH series	BS series
Available for	upon request	upon request	upon request	upon request	upon request	upon request

\*\* 7/16" or 13 mm

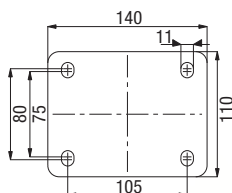


# Dead Man's Brake Swivel Casters

Medium Duty Industrial Top Plate Swivel Casters - Metric Standards

1,350 lbs

✓RoHS



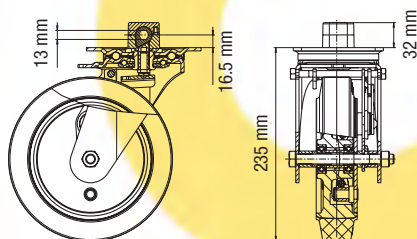
## Swivel casters with dead man's wheel brake:

The dead man's brake is based on a drum brake, however an integrated spring ensures the brake is applied in a non-operated condition. Switch cam operated.



## Swivel casters with dead man's wheel brake and swivel head brake:

The dead man's brake is based on a drum brake, however an integrated spring ensures the brake is applied in a non-operated condition. Switch cam operated.



## GEV-wheel series:

Tires: Made of high-quality elastic solid rubber in smooth rolling quality, 65° shore A, non-marking gray. Vulcanized tire.  
Wheel center: Made of rugged gray cast iron, lacquered, silver, with two pressed-in ball bearings.

## GST-wheel series:

Tread: Made of high-quality polyurethane-elastomer Blicke Softthane®, 75° shore A, green, non-marking, non-staining. Cast tread.  
Wheel center: Made of rugged gray cast iron, lacquered, silver, with two pressed-in ball bearings.

## GTH-wheel series:

Tread: Made of high-quality polyurethane-elastomer Blicke Extrathane®, 92° shore A, light brown, non-marking, non-staining. Cast tread.  
Wheel center: Made of rugged gray cast iron, lacquered, silver, with two pressed-in ball bearings.

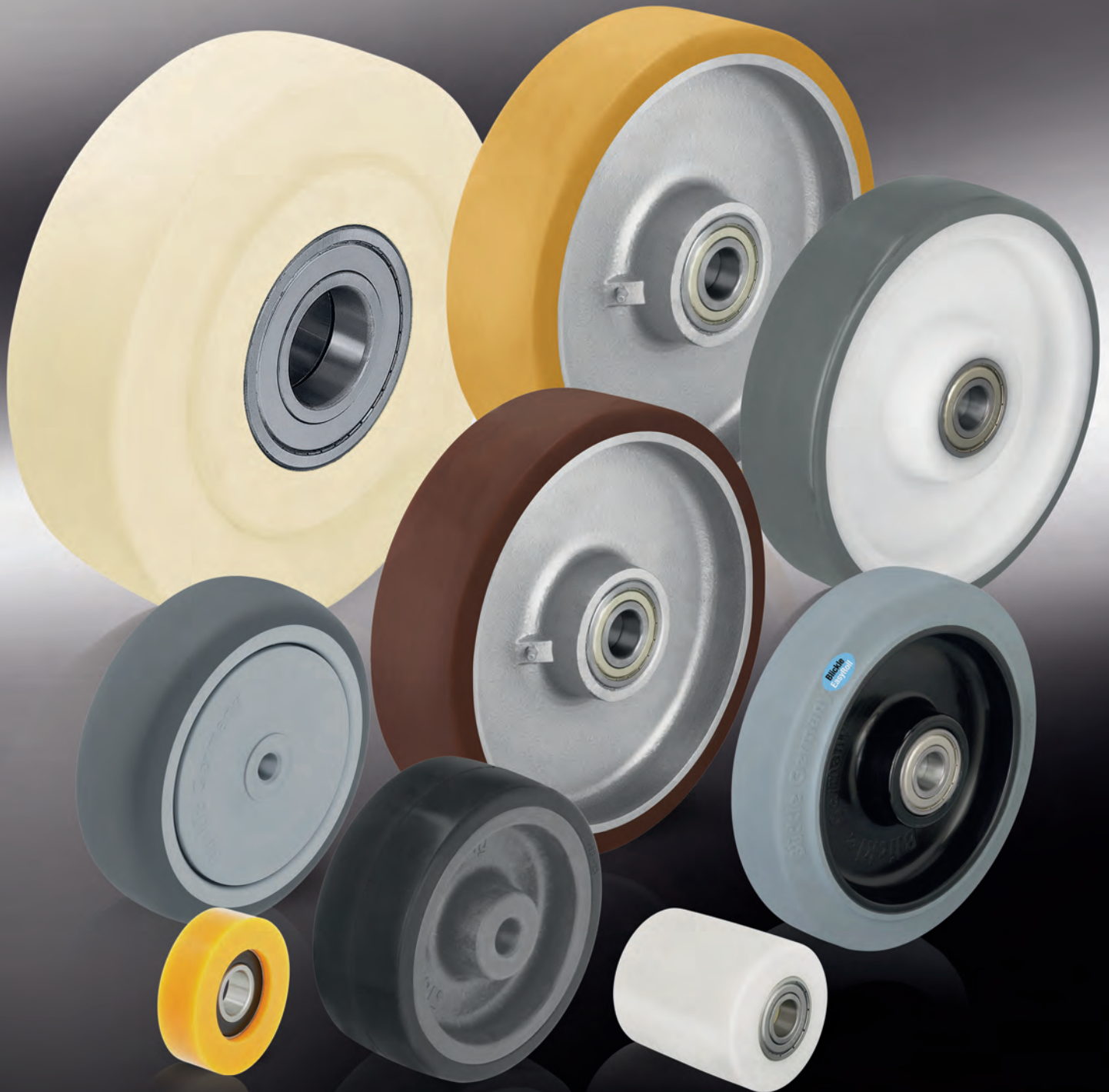
Swivel casters with dead man's brake	Swivel casters with dead man's brake and swivel head brake	Wheel Ø		Wheel width		Load capacity		Bearing type	Total height		Plate size	Bolt hole spacing	For mounting bolt
		[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]		[inch]	[mm]			
L-GEV series													
L-GEV 200K-TM13-SG	L-GEV 200K-TTM13-SG	8	[200]	2	[50]	1350	[600]	Ball bearing	9 ¼	[235]	140 x 110	105 x 75-80	¾
L-GST series													
L-GST 200K-TM13	L-GST 200K-TTM13	8	[200]	2	[50]	1350	[600]	Ball bearing	9 ¼	[235]	140 x 110	105 x 75-80	¾
L-GTH series													
L-GTH 200K-TM13	L-GTH 200K-TTM13	8	[200]	2	[50]	1350	[600]	Ball bearing	9 ¼	[235]	140 x 110	105 x 75-80	¾

## Options


























	Swivel lock (retro fit) 1 x 360°	Dead man's wheel brake operated by threaded stem	Dead man's brake for hydraulic operating systems	Wheel Ø 6 5/16"	System operated with switch cam 7/16"
Product code suffix	RI-05.03				-TM7/16" / -TTM7/16"
Available for	upon request	upon request	upon request	upon request	upon request

## Wheel Section



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[casterdepot.com](http://casterdepot.com)

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<b>SPOG, POW Series</b>	Heavy Duty Nylon Wheels / Noise Absorbing Nylon Wheels with Rubber Ring		up to 4,400 lbs	77
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<b>SPK, SPKGSPO Series</b>	Cast Iron Flanged Wheels / Cast Nylon Flanged Wheels		up to 7,700 lbs	79
<b>DSPK, DSPKGSPO Series</b>	Solid Steel V-Grooved Wheels / Cast Nylon V-Grooved Wheels		up to 2,640 lbs	80
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<b>RTH, RB, REV Series</b>	Drive and Running Wheels for Stackers and Forklift Trucks			86



## TPA Series

Wheels with Thermoplastic Rubber Tread,  
with Polypropylene Wheel Center

110 - 550 lbs

✓RoHS



<b>Tread &amp; tire hardness</b>	85° shore A
<b>Temperature resistance</b>	-4° F - +140° F
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

### TPA-wheel series:

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

**Wheel center:** Made of high-quality, impact-resistant polypropylene, color silver gray (color black for electrically conductive '-ELS' version).

### Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected polypropylene, wheel Ø 2" - 5" with integrated synthetic thread guard, lubricated with long-life grease.

### Other features:

Very high chemical resistance to many aggressive substances.

Operating temperature: -4° F to +140° F.

At ambient temperatures above +85° F the load capacity is reduced.

Maintenance-free under standard conditions.

The tread contains traces of oil. On absorbent surfaces this can cause some staining. As an option we recommend wheels from the PATH series.

Wheels	Wheel Ø (D)		Wheel width (T2)		Load capacity		Bearing type	Axle bore Ø (d) [mm]		Hub length (T1)		G15 page
	[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]				[inch]	[mm]	
TPA 50/8G	2	[50]	¾	[19]	110	[50]	Plain bore	8		27/32	[22]	88
TPA 50/6K-FK	2	[50]	¾	[19]	110	[50]	Ball bearing (C)	6		7/8	[23]	88
TPA 75/8G	3	[75]	1	[25]	165	[75]	Plain bore	8		1 5/32	[29.5]	88
TPA 75/6K-FK	3	[75]	1	[25]	165	[75]	Ball bearing (C)	6		1 7/32	[31]	88
TPA 80/12G	3 1/8	[80]	1 1/4	[32]	220	[100]	Plain bore	12		1 3/8	[35]	88
TPA 80/8K-FK	3 1/8	[80]	1 1/4	[32]	220	[100]	Ball bearing (C)	8		1 13/32	[36]	88
TPA 100/8G	4	[100]	1	[25]	200	[90]	Plain bore	8		1 5/32	[29.5]	88
TPA 101/12G	4	[100]	1 1/4	[32]	240	[110]	Plain bore	12		1 3/8	[35]	88
TPA 101/8K-FK	4	[100]	1 1/4	[32]	240	[110]	Ball bearing (C)	8		1 13/32	[36]	88
TPA 102/10K-FK	4	[100]	1 1/4	[32]	240	[110]	Ball bearing (C)	10		1 25/32	[46]	145
TPA 126/12G	5	[125]	1 1/4	[32]	275	[125]	Plain bore	12		1 3/8	[35]	88
TPA 126/8K-FK	5	[125]	1 1/4	[32]	275	[125]	Ball bearing (C)	8		1 13/32	[36]	88
TPA 127/10K-FK	5	[125]	1 1/4	[32]	275	[125]	Ball bearing (C)	10		1 25/32	[46]	145
TPA 160/12K	6 3/16	[160]	1 9/16	[40]	440	[200]	Ball bearing (C)	12		2 7/16	[62]	
TPA 201/12K	8	[200]	1 9/16	[40]	550	[250]	Ball bearing (C)	12		2 7/16	[62]	



**BUSHING**  
REFER TO PAGE 20

More options in the Bickel general catalog G15!

### Options

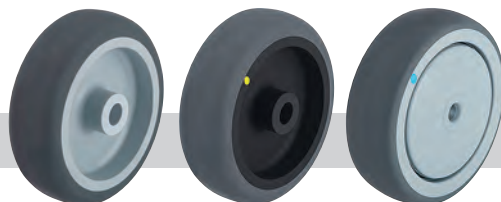
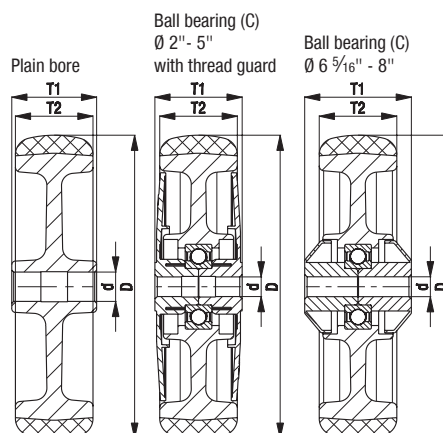


Image	plain bore version	Electrically conductive version, non-marking gray *	Wheel with additional ball bearing seals
Product code suffix		-ELS	-KD
Available for		wheel Ø 2" - 5" upon request	wheel Ø 2" - 5" upon request

\* Load capacity is reduced by 35 % to guarantee conductivity



## PATH Series

Wheels with Thermoplastic Polyurethane Tread,  
with Nylon Wheel Center

165 - 1,100 lbs

✓RoHS



<b>Tread &amp; tire hardness</b>	94° shore A
<b>Temperature resistance</b>	-15° F - +160° F temporarily up to +195° F
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

### PATH-wheel series:

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

**Wheel center:** Made of high-quality, impact-resistant nylon, color silver gray.

### Bearing type:

• Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected nylon, wheel Ø 2" - 5" (except PATH 80/8-46K) with integrated synthetic thread guard, lubricated with long-life grease.

### Other features:

Very high chemical resistance to many aggressive substances.

Operating temperature: -15° F to +160° F, temporarily up to +195° F.

At ambient temperatures above +95° F the load capacity is reduced.

Maintenance-free under standard conditions.

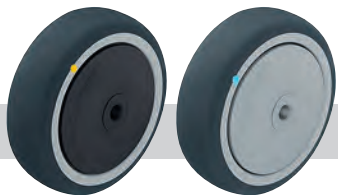
Wheels	Wheel Ø (D) [inch] [mm]	Wheel width (T2) [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [inch] [mm]	G15 page
PATH 50/6K-FK	2 [50]	3/4 [19]	165 [75]	Ball bearing (C)	6	7/8 [23]	99
PATH 75/6K-FK	3 [75]	1 [25]	220 [100]	Ball bearing (C)	6	1 1/2 [31]	99
PATH 80/8K-FK	3 1/4 [80]	1 1/4 [32]	330 [150]	Ball bearing (C)	8	1 13/32 [36]	99
PATH 80/8-46K	3 1/4 [80]	1 1/4 [32]	330 [150]	Ball bearing (C)	8	1 29/32 [46]	
PATH 101/8K-FK	4 [100]	1 1/4 [32]	440 [200]	Ball bearing (C)	8	1 13/32 [36]	99
PATH 100/8K-FK	4 [100]	1 1/4 [32]	440 [200]	Ball bearing (C)	8	1 29/32 [46]	208
PATH 100/10K-FK	4 [100]	1 1/4 [32]	440 [200]	Ball bearing (C)	10	1 29/32 [46]	208
PATH 126/8K-FK	5 [125]	1 1/4 [32]	550 [250]	Ball bearing (C)	8	1 13/32 [36]	99
PATH 125/8K-FK	5 [125]	1 1/4 [32]	550 [250]	Ball bearing (C)	8	1 29/32 [46]	208
PATH 125/10K-FK	5 [125]	1 1/4 [32]	550 [250]	Ball bearing (C)	10	1 29/32 [46]	208
PATH 160/12K	6 3/16 [160]	1 3/16 [40]	880 [400]	Ball bearing (C)	12	2 7/16 [62]	
PATH 200/12K	8 [200]	1 3/16 [40]	1100 [500]	Ball bearing (C)	12	2 7/16 [62]	



**BUSHING**  
REFER TO PAGE 20

More  
options in the  
Blickle general  
catalog  
G15!

### Options



Electrically  
conductive version,  
non-marking gray \*

Wheel with additional  
ball bearing seals

Product code suffix

-ELS

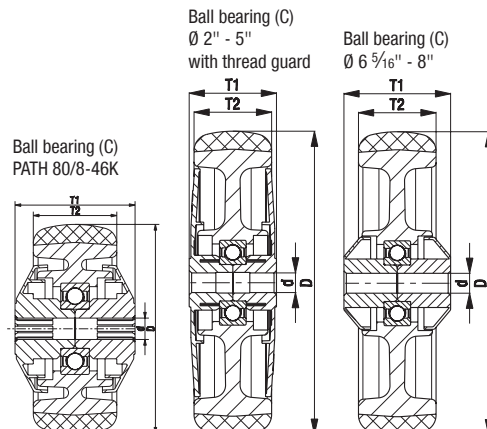
-KD

Available for

upon request

upon request

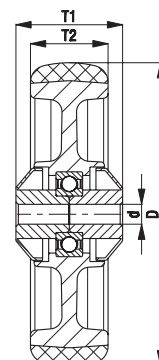
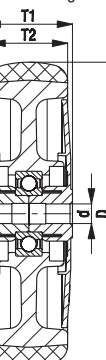
\* Load capacity is reduced by 35 % to guarantee conductivity



Ball bearing (C)  
Ø 2" - 5"  
with thread guard

Ball bearing (C)  
Ø 6 5/16" - 8"

Ball bearing (C)  
PATH 80/8-46K








## VE Series

Wheels with Standard Solid Rubber Tires,  
with Pressed Steel Rim

 110 - 450 lbs

 RoHS



<b>Tread &amp; tire hardness</b>		80° shore A
<b>Temperature resistance</b>		-15° F - +175° F
<b>Rolling resistance</b>		reasonable
<b>Operating noise</b>		very good
<b>Floor surface preservation</b>		very good

### VE-wheel series:

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

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

### Bearing type:

- Roller bearing, lubricated with long-life grease

### Other features:

Chemical resistance to many aggressive substances, except oils.

Operating temperature: -15° F to +175° F.

At ambient temperatures above +140° F the load capacity is reduced.

Maintenance-free under standard conditions.



Wheels	Wheel Ø (D)		Tire width (T2)		Load capacity		Bearing type	Axle bore Ø (d) [mm]	Hub length (T1)		G15 page
	[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]			[inch]	[mm]	
VE 80/12R	3 1/8	[80]	1	[25]	110	[50]	Roller bearing	12	1 3/8	[35]	132
VE 100/12R	4	[100]	1 1/8	[30]	155	[70]	Roller bearing	12	1 3/4	[45]	132
VE 125/12R	5	[125]	1 1/2	[37.5]	220	[100]	Roller bearing	12	1 3/4	[45]	132
VE 150/20R	6	[150]	1 9/16	[40]	295	[135]	Roller bearing	20	2 1/32	[60]	132
VE 200/20R	8	[200]	2	[50]	450	[205]	Roller bearing	20	2 1/32	[60]	132

More  
options in the  
Blickle general  
catalog  
G15!

### Options



With non-marking  
gray tire

Electrically  
conductive version,  
black tire

Product code suffix

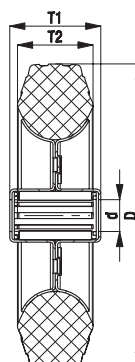
-SG

-EL

Available for

upon request


upon request





# POEV, ALEV, SE Series

## Heavy Duty Wheels with Elastic Solid Rubber Tires 'Blickle EasyRoll'

 310 - 2,200 lbs

 RoHS


POEV Series

SE Series

ALEV Series



<b>Tread &amp; tire hardness</b>	65° shore A
<b>Temperature resistance</b>	-15° F - +175° F temporarily up to +210° F
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

### POEV / ALEV / SE-wheel series:

**Tires:** Made of high-quality elastic solid rubber in smooth rolling quality 'Blickle EasyRoll', 65° shore A hardness, very high operational comfort, low-noise operation, low rolling resistance, very good floor preservation, color non-marking gray (POEV series) or black (ALEV, SE series), vulcanized onto the wheel center.

### Wheel center:

**POEV series:** Made of high-quality, impact-resistant nylon, color black.

**ALEV series:** Made of die-cast aluminum.

**SE series:** Made of pressed thick-walled steel, triple-welded, with tubular steel hub, resistant to dirt, shocks and impacts, elegant and smooth design, lacquered, color anthracite.

**Wheel Ø 5":** Made of high-quality, impact-resistant and reinforced nylon, color black.

### Bearing types:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected nylon, lubricated with long-life grease, wheel Ø 3 1/2" with synthetic thread guard.

### Other features:

High chemical resistance to many aggressive substances, except oils.

Operating temperature: -15° F to +175° F, temporarily up to +210° F.

At ambient temperatures above +95° F the load capacity is reduced.

Maintenance-free under standard conditions.

Wheels	Wheel Ø (D)		Tire width (T2)		Load capacity		Bearing type	Axle bore Ø (d) [mm]	Hub length (T1)		Clamping length		G15 page
	[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]			[inch]	[mm]	[inch]	[mm]	
POEV series													
POEV 80/8K-SG	3 ⅞	[80]	1 ¼	[32]	310	[140]	Ball bearing (C)	8	1 ⅜ <sub>32</sub>	[36]	1 ⅜ <sub>32</sub>	[36]	164
POEV 82/8K-SG	3 ⅞	[80]	1 ⅞	[40]	375	[170]	Ball bearing (C)	8	1 ⅜ <sub>32</sub>	[46]	1 ⅜ <sub>32</sub>	[46]	164
POEV 89x32/10K-SG-FK	3 ½	[89]	1 ¼	[32]	350	[160]	Ball bearing (C)	10	1 ⅜ <sub>32</sub>	[46]	1 ⅜ <sub>32</sub>	[46]	
POEV 100/8K-SG	4	[100]	1 ½	[38]	440	[200]	Ball bearing (C)	8	1 ⅜ <sub>32</sub>	[46]	1 ⅜ <sub>32</sub>	[46]	164
POEV 100/10K-SG	4	[100]	1 ½	[38]	440	[200]	Ball bearing (C)	10	1 ⅜ <sub>32</sub>	[46]	1 ⅜ <sub>32</sub>	[46]	164
POEV 125/8K-SG	5	[125]	1 ⅞	[40]	550	[250]	Ball bearing (C)	8	1 ⅜ <sub>32</sub>	[46]	1 ⅜ <sub>32</sub>	[46]	164
POEV 125/10K-SG	5	[125]	1 ⅞	[40]	550	[250]	Ball bearing (C)	10	1 ⅜ <sub>32</sub>	[46]	1 ⅜ <sub>32</sub>	[46]	164
POEV 160/12K-SG	6 ⅝	[160]	2	[50]	880	[400]	Ball bearing	12	2 ⅝	[61]	2 ⅝	[61]	
POEV 160/20K-SG	6 ⅝	[160]	2	[50]	880	[400]	Ball bearing	20	2 ⅜ <sub>32</sub>	[60]	2 ⅜ <sub>32</sub>	[60]	164
POEV 200/12K-SG	8	[200]	2	[50]	1100	[500]	Ball bearing	12	2 ⅝	[61]	2 ⅝	[61]	
POEV 200/20K-SG	8	[200]	2	[50]	1100	[500]	Ball bearing	20	2 ⅜ <sub>32</sub>	[60]	2 ⅜ <sub>32</sub>	[60]	164
ALEV series													
ALEV 100/15K	4	[100]	1 ⅞	[40]	440	[200]	Ball bearing	15	1 ⅞	[40]	1 ⅞	[40]	171
ALEV 125/15K	5	[125]	1 ⅞	[40]	550	[250]	Ball bearing	15	1 ¾	[45]	1 ¾	[45]	171
ALEV 150/20K	6	[150]	2 ⅞	[54]	880	[400]	Ball bearing	20	2 ⅜ <sub>32</sub>	[60]	2 ⅜ <sub>32</sub>	[60]	171
ALEV 160/20K	6 ⅝	[160]	2	[50]	880	[400]	Ball bearing	20	2 ⅜ <sub>32</sub>	[60]	2 ⅜ <sub>32</sub>	[60]	171
ALEV 200/20K	8	[200]	2	[50]	1100	[500]	Ball bearing	20	2 ⅜ <sub>32</sub>	[60]	2 ⅜ <sub>32</sub>	[60]	171
ALEV 200x50/20-54K *	8	[200]	2	[50]	1210	[550]	Ball bearing	20	2 ⅜ <sub>32</sub>	[60]	2 ⅞	[54]	445
ALEV 200x50/25-50K *	8	[200]	2	[50]	1210	[550]	Ball bearing	25	2 ⅜ <sub>32</sub>	[60]	2	[50]	445
SE series													
SE 125/20K	5	[125]	2	[50]	705	[320]	Ball bearing	20	2 ⅜ <sub>32</sub>	[60]	2 ⅜ <sub>32</sub>	[60]	180
SE 160/20K	6 ⅝	[160]	2	[50]	990	[450]	Ball bearing	20	2 ⅜ <sub>32</sub>	[60]	2 ⅜ <sub>32</sub>	[60]	180
SE 200/20K	8	[200]	2	[50]	1320	[600]	Ball bearing	20	2 ⅜ <sub>32</sub>	[60]	2 ⅜ <sub>32</sub>	[60]	180
SE 202/25K	8	[200]	3 ⅞	[80]	1870	[850]	Ball bearing	25	3 ⅜ <sub>32</sub>	[90]	3 ⅜ <sub>32</sub>	[90]	180
SE 252/25K	10	[250]	3 ⅞	[80]	2200	[1000]	Ball bearing	25	3 ⅜ <sub>32</sub>	[90]	3 ⅜ <sub>32</sub>	[90]	180

\* Steer wheel for pallet trucks

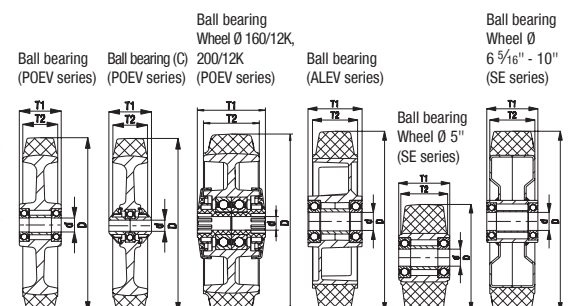


**BUSHING**  
REFER TO PAGE 20

### Options



	With non-marking blue rubber tire	With non-marking gray rubber tire	Electrically conductive version, black rubber tire	With stainless steel ball bearing
<b>Product code suffix</b>	-SB	-SG	-EL	-XK / -XKA
<b>Available for</b>	POEV series upon request	ALEV, SE series upon request	ALEV series upon request	upon request



## P, PS Series

Wheels with Pneumatic Tires,  
with Pressed Steel Rim

165 - 1,450 lbs



P Series

PS Series

Tread & tire hardness	60° shore A
Temperature resistance	-15° F - +120° F
Rolling resistance	good
Operating noise	excellent
Floor surface preservation	excellent

### P / PS-wheel series:

**Tires:** Pneumatic tires, **P-series** with ribbed or zig-zag profile (2 or 4 ply rating), **PS-series** with zig-zag profile (6 ply rating), with tube, highest operational comfort, excellent floor preservation, color black, PAH conform in accordance to EU-directive 2005/69/EC.

### Rims:

**P-series:** Made of pressed steel, bolted or welded, with welded tubular steel hub, zinc-plated, blue-passivated, Cr6-free.

**PS-series:** Made of heavy pressed steel, bolted (flat based rim), with welded tubular steel hub, zinc-plated, blue-passivated, Cr6-free.

### Bearing types:

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

Operating temperature: -15° F to +120° F. Wheel and tire dimensions are valid for unloaded, new tires and may slightly change in width and diameter during operation.

### Other features:

Chemical resistance to many aggressive substances, except oils.

With a reduced load capacity, max. speeds of up to 10 mph are permissible for wheels fitted with ball bearings.

Wheels with ribbed profile	Wheels with zig-zag profile	Wheel Ø (D)	Tire width (T2)	Tire dimension	Ply rating	Load cap. at 2.5 mph	Load cap. at 10 mph	Tire pressure	Bearing type	Axle bore Ø (d)	Hub length (T1)	Profile *	G15 page
[inch]	[mm]	[inch]	[mm]			[lbs]	[kg]	[bar/psi]		[mm]	[inch]	[mm]	
<b>P series</b>													
P 200/20-60R		8 [200]	2 [50]	200x50	2	165 [75]	-	2.5/36	Roller bearing	20	2 1/32 [60]	R01	192
	P 222/20-75R	8 5/8 [220]	2 1/2 [65]	2.50-4	2	220 [100]	-	2.0/30	Roller bearing	20	2 1/16 [75]	B01	192
	P 263/20-75R	10 7/32 [260]	3 11/32 [85]	3.00-4	2	330 [150]	-	2.0/30	Roller bearing	20	2 1/16 [75]	B02	192
	P 262/20-50K	10 7/32 [260]	3 11/32 [85]	3.00-4	2	330 [150]	220 [100]	2.0/30	Ball bearing	20	1 3/32 [50]	B02	192
	P 267/20-75R	10 7/32 [260]	3 11/32 [85]	3.00-4	4	550 [250]	-	3.5/50	Roller bearing	20	2 1/16 [75]	B02	192
	P 267/25-75K	10 7/32 [260]	3 11/32 [85]	3.00-4	4	550 [250]	440 [200]	3.5/50	Ball bearing	25	2 1/16 [75]	B02	192
	P 302/20-75R	12 [300]	4 [100]	4.00-4	2	395 [180]	-	2.0/30	Roller bearing	20	2 1/16 [75]	B02	192
P 340/25-90K		14 [350]	4 1/2 [115]	4.00-6	4	660 [300]	505 [230]	3.5/50	Ball bearing	25	3 1/32 [90]	R01	193
P 401/25-90R		15 3/4 [400]	4 [100]	4.00-8	2	550 [250]	-	2.0/30	Roller bearing	25	3 1/32 [90]	R01	193
	P 412/25-90K	15 3/4 [400]	4 [100]	4.00-8	4	770 [350]	660 [300]	3.5/50	Ball bearing	25	3 1/32 [90]	B07	193
<b>PS series</b>													
	PS 310/20-75K	12 [300]	4 [100]	4.00-4	6	990 [450]	770 [350]	7.5/110	Ball bearing	20	2 1/16 [75]	B02	195
	PS 310/25-75K	12 [300]	4 [100]	4.00-4	6	990 [450]	770 [350]	7.5/110	Ball bearing	25	2 1/16 [75]	B02	195
	PS 430/25-90K	16 17/32 [420]	4 1/2 [115]	4.00-8	6	1450 [650]	1100 [500]	7.0/101	Ball bearing	25	3 1/32 [90]	B08	195
	PS 430/30-90K	16 17/32 [420]	4 1/2 [115]	4.00-8	6	1450 [650]	1100 [500]	7.0/101	Ball bearing	30	3 1/32 [90]	B08	195

\* R = Ribbed profile, B = Zig-zag profile

### Profiles



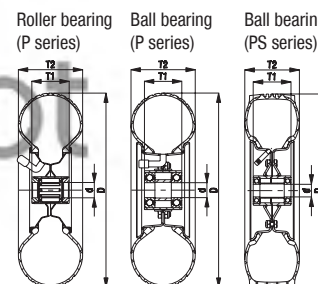
Profile R01

Profile B01

Profile B02

Profile B07

Profile B08



More options in the Bickler general catalog G15!

### Options



	With non-marking gray tire	With puncture-proof, foam-filled tire	Puncture proof tires	Wheel with hub cap (end wheel)	Hub fitting wheels	With polypropylene rim	Further dimensions **
Product code suffix	-SG	-AG	VWPP series	-E	PA series	PK series	
Available for	P series upon request	P, PS series upon request	upon request	P series upon request	upon request	upon request	upon request

\*\* Up to a diameter of 21" and a load capacity of 2,860 lbs

## VLE Series

Heavy Duty Wheels with Super-elastic Solid Rubber Tires, with Pressed Steel Rim

1,000 lbs

✓RoHS



### Tread & tire hardness

70° shore A

### Temperature resistance

-15° F - +175° F temporarily up to +210° F

### Rolling resistance

good

### Operating noise

very good

### Floor surface preservation

very good

### VLE-wheel series:

**Tires:** 2-component tire, made of super-elastic solid rubber, tough and hard rubber core, abrasion-resistant tread, steel-wire reinforced, very high operational comfort, very good floor preservation, color black.

**Rims:** Made of heavy pressed steel, bolted, with welded tubular steel hub or reinforced rim version, zinc-plated, blue-passivated, Cr6-free.

### Bearing type:

• Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

Chemical resistance to many aggressive substances, except oils.

Operating temperature: -15° F to +175° F, temporarily up to +210° F.

At ambient temperatures above +140° F the load capacity is reduced.

An alternative to pneumatic tires -

Advantages: Puncture-proof, maintenance-free under standard conditions, good stability, precise steering behaviour.

With a reduced load capacity, max. speeds of up to 15 mph are permissible.

Wheels with ribbed profile	Wheels with zig-zag profile	Wheel Ø * (D) [inch] [mm]	Tire width * (T2) [inch] [mm]	Tire dimension	Rim dimension	Load cap. at 3.5 mph [lbs] [kg]	Load cap. at 15 mph [lbs] [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [inch] [mm]	Profile ribbed profile	Profile zig-zag profile	G15 page
VLE 250/20-75K	VLE 255/20-75K	10 [250]	3 1/2 [85]	3.00-4	2.50C-4	1000 [450]	880 [400]	Ball bearing	20	2 1/8 [75]	R50	B51	202
VLE 250/25-75K	VLE 255/25-75K	10 [250]	3 1/2 [85]	3.00-4	2.50C-4	1000 [450]	880 [400]	Ball bearing	25	2 1/8 [75]	R50	B51	202

\* Wheel and tire dimensions are valid for unloaded, new tires and may slightly change during operation

### Profiles



Profile R50

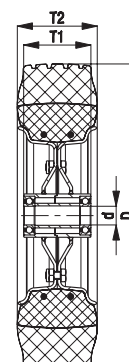
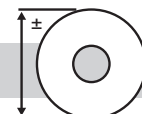


Profile B51

CasterDepot

More options in the Bickel general catalog G15!

### Options



	With non-marking tire	Antistatic version, black tire	Wheel with hub cap (end wheel)	Hub fitting wheels	Further versions	Further dimensions **
Product code suffix	-SN	-AS	-E	VLEA series		
Available for	upon request	upon request	upon request	upon request	upon request	upon request

\*\* Up to a diameter of 20" and a load capacity of 4,150 lbs



## POTH Series

Wheels with Polyurethane Tread,  
with Heavy Nylon Wheel Center

660 - 1,750 lbs

✓RoHS



<b>Tread &amp; tire hardness</b>	94° shore A
<b>Temperature resistance</b>	-15° F - +160° F temporarily up to +195° F
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

### POTH-wheel series:

**Tread:** Made of high-quality thermoplastic polyurethane (TPU), 94° shore A hardness, high operational comfort, low-noise operation, low rolling and swivel resistance, good floor preservation, high abrasion resistance, color dark gray, non-marking, non-staining, chemically bonded for an inseparable connection with the wheel center.

**Wheel center:** Made of high-quality, impact-resistant nylon, color natural white.

### Bearing types:

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

### Other features:

Very high chemical resistance to many aggressive substances.

Operating temperature: -15° F to +160° F, temporarily up to +195° F.

At ambient temperatures above +95° F the load capacity is reduced.

Maintenance-free under standard conditions.

Wheels	Wheel Ø (D) [inch] [mm]	Wheel width (T2) [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [inch] [mm]	G15 page
<b>POTH series</b>							
POTH 100/10K	4 [100]	1 3/8 [35]	660 [300]	Ball bearing (C)	10	1 25/32 [46]	213
POTH 125/10K	5 [125]	1 9/16 [40]	770 [350]	Ball bearing (C)	10	1 25/32 [46]	213
POTH 150/20K	6 [150]	1 3/4 [45]	1100 [500]	Ball bearing	20	2 11/32 [60]	213
POTH 200/20K	8 [200]	2 [50]	1750 [800]	Ball bearing	20	2 11/32 [60]	213
<b>POTH series - stainless steel</b>							
POTH 150/20XK	6 [150]	1 3/4 [45]	1100 [500]	Ball bearing	20	2 11/32 [60]	213
POTH 200/20XK	8 [200]	2 [50]	1750 [800]	Ball bearing	20	2 11/32 [60]	213



**BUSHING**  
REFER TO PAGE 20

# CasterDepot

More  
options in the  
Blickle general  
catalog  
G15!

Options



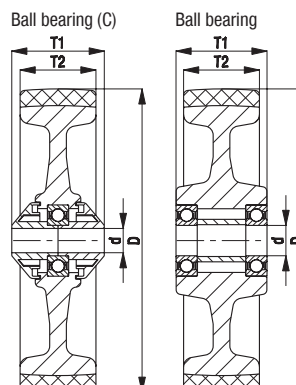
Wheel with additional  
ball bearing seals

Product code suffix

-KD


Available for

upon request

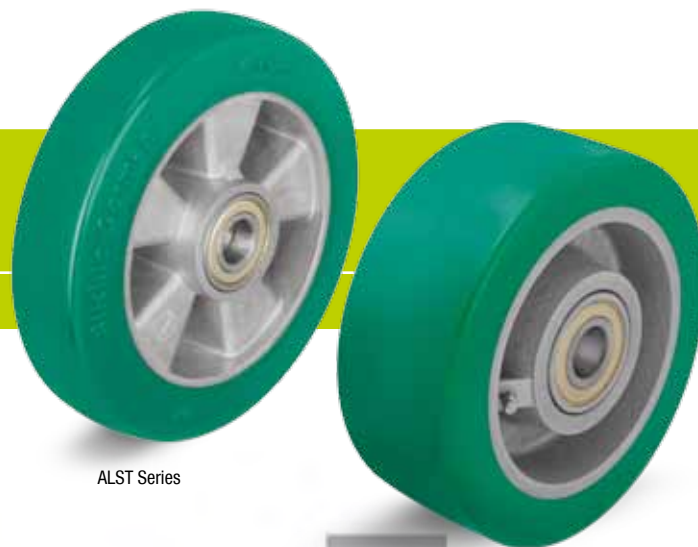


## ALST, GST Series

Heavy Duty Wheels with **Blickle Softhane®** Polyurethane Tread, with Aluminum or Cast Iron Wheel Center

 500 - 3,100 lbs

 RoHS



ALST Series

GST Series

<b>Tread &amp; tire hardness</b>	75° shore A
<b>Temperature resistance</b>	-15° F - +160° F temporarily up to +195° F
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good



Wheels	Wheel Ø (D) [inch] [mm]	Wheel width (T2) [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [inch] [mm]	G15 page
<b>ALST series</b>							
ALST 82/15K	3 1/8 [80]	1 1/16 [40]	500 [230]	Ball bearing	15	1 1/16 [40]	222
ALST 100/15K	4 [100]	1 1/16 [40]	660 [300]	Ball bearing	15	1 1/16 [40]	222
ALST 125/15K	5 [125]	1 1/16 [40]	770 [350]	Ball bearing	15	1 3/4 [45]	222
ALST 150/20K-CO *	6 [150]	2 1/8 [54]	1100 [500]	Ball bearing	20	2 11/32 [60]	222
ALST 160/20K-CO *	6 3/16 [160]	2 [50]	1210 [550]	Ball bearing	20	2 11/32 [60]	222
ALST 200/20K-CO *	8 [200]	2 [50]	1540 [700]	Ball bearing	20	2 11/32 [60]	222
<b>GST series</b>							
GST 127/20K	5 [125]	2 [50]	990 [450]	Ball bearing	20	2 11/32 [60]	229
GST 150/20K	6 [150]	2 [50]	1210 [550]	Ball bearing	20	2 11/32 [60]	229
GST 200/20K	8 [200]	2 [50]	1760 [800]	Ball bearing	20	2 11/32 [60]	229
GST 202/25K	8 [200]	3 1/8 [80]	2640 [1200]	Ball bearing	25	3 17/32 [90]	229
GST 252/25K	10 [250]	3 1/8 [80]	3100 [1400]	Ball bearing	25	3 17/32 [90]	229

\* With extra crowned running tread

### ALST / GST-wheel series:

**Tread:** Made of high-quality, reaction-cast polyurethane-elastomer Blickle Softhane®, 75° shore A hardness, very high operational comfort due to an extremely thick, elastic tread, low-noise operation, low rolling resistance, very good floor preservation, high abrasion resistance, high cut and tear propagation resistance, color green, non-marking, non-staining, very good chemical connection with the wheel center.

### Wheel center:

**ALST series:** Made of die-cast aluminum.

**GST series:** Made of rugged gray cast iron, wheel Ø 8" or larger with grease nipple, lacquered, color silver.

### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances.

Operating temperature: -15° F to +160° F, temporarily up to +195° F.

At ambient temperatures above +105° F the load capacity is reduced.

Maintenance-free under standard conditions.



**BUSHING**  
REFER TO PAGE 20

# CasterDepot

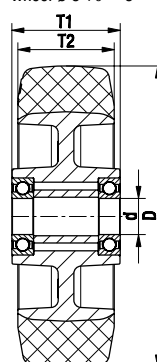
More  
options in the  
Blickle general  
catalog  
G15!

### Options

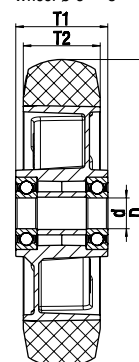


	Antistatic version, non-marking gray	Drive wheels with hub keyway	With tapered roller bearing
<b>Product code suffix</b>	-AS	GSTN series	
<b>Available for</b>	upon request	refer to page 75	GST series upon request

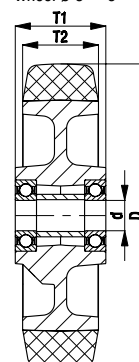
ALST series  
wheel Ø 3 1/8" - 5"



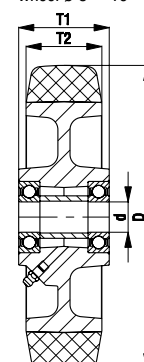
ALST series  
wheel Ø 6" - 8"



GST series  
wheel Ø 5" - 6"



GST series  
wheel Ø 8" - 10"



## ALBS Series

Heavy Duty Wheels with Bickie Besthane® Soft Polyurethane Tread, with Aluminum Wheel Center

500 - 1,550 lbs

✓RoHS



<b>Tread &amp; tire hardness</b>	75° shore A
<b>Temperature resistance</b>	-15° F - +160° F temporarily up to +195° F
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	very good
<b>Floor surface preservation</b>	very good

Bickie  
Besthane® Soft

### ALBS-wheel series:

**Tread:** Made of high-quality, reaction-cast polyurethane-elastomer Bickie Besthane® Soft, 75° shore A hardness, very high operational comfort due to an extremely thick, elastic tread, low-noise operation, **very low rolling resistance**, **high dynamic load capacity**, very good floor preservation, high abrasion resistance, high cut and tear propagation resistance, color blue, non-marking, non-staining, very good chemical connection with the wheel center.

**Wheel center:** Made of die-cast aluminum.

#### Bearing type:

• Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

#### Other features:

High chemical resistance to many aggressive substances.

Operating temperature: -15° F to +160° F, temporarily up to +195° F.

At ambient temperatures above +105° F the load capacity is reduced.

Maintenance-free under standard conditions.



Wheels	Wheel Ø (D) [inch] [mm]	Wheel width (T2) [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [inch] [mm]	G15 page
ALBS 82/15K	3 1/8 [80]	1 1/16 [40]	500 [230]	Ball bearing	15	1 1/16 [40]	238
ALBS 100/15K	4 [100]	1 1/16 [40]	660 [300]	Ball bearing	15	1 1/16 [40]	238
ALBS 125/15K	5 [125]	1 1/16 [40]	770 [350]	Ball bearing	15	1 3/4 [45]	238
ALBS 150/20K-CO *	6 [150]	2 1/8 [54]	1100 [500]	Ball bearing	20	2 11/32 [60]	238
ALBS 160/20K-CO *	6 3/16 [160]	2 [50]	1210 [550]	Ball bearing	20	2 11/32 [60]	238
ALBS 200/20K-CO *	8 [200]	2 [50]	1550 [700]	Ball bearing	20	2 11/32 [60]	238

\* With extra crowned running tread



**BUSHING**  
REFER TO PAGE 20

More  
options in the  
Bickie general  
catalog  
G15!

Options



Hydrolysis resistant,  
with nylon wheel  
center

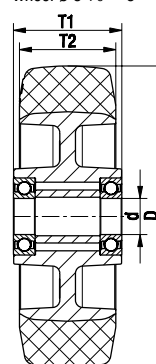
Product code suffix

POBS series

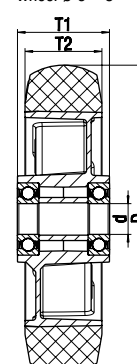
Available for

upon request

wheel Ø 3 1/8" - 5"



wheel Ø 6" - 8"



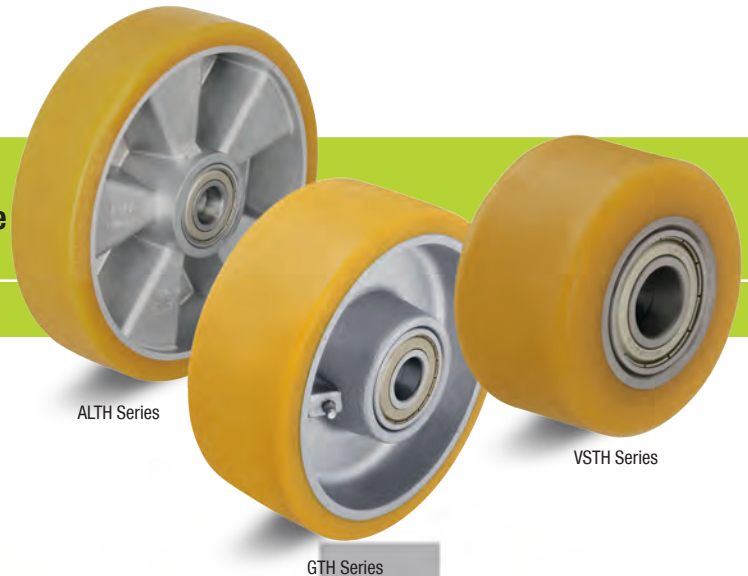


# ALTH, VSTH, GTH Series

Heavy Duty Wheels with Bickel Extrathane® Polyurethane Tread, with Aluminum, Steel or Cast Iron Wheel Center

220 - 5,300 lbs

✓RoHS



ALTH Series

VSTH Series

GTH Series



<b>Tread &amp; tire hardness</b>	92° shore A
<b>Temperature resistance</b>	-15° F - +160° F temporarily up to +195° F
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good

## ALTH / VSTH / GTH-wheel series:

**Tread:** Made of high-quality, reaction-cast polyurethane-elastomer Bickel Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, color light brown, non-marking, non-staining, very good chemical connection with the wheel center.

### Wheel center:

**ALTH series:** Made of die-cast aluminum.

**VSTH series:** Made of steel.

**GTH series:** Made of rugged gray cast iron, wheel Ø 6" or larger with grease nipple, lacquered, color silver.

### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances.

Operating temperature: -15° F to +160° F, temporarily up to +195° F.

At ambient temperatures above +105° F the load capacity is reduced.

Maintenance-free under standard conditions.

Wheels	Wheel Ø (D) [inch] [mm]	Wheel width (T2) [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [inch] [mm]	Clamping length [inch] [mm]	G15 page
<b>ALTH series</b>								
ALTH 80/15K	3 1/8 [80]	1 1/8 [30]	395 [180]	Ball bearing	15	1 3/8 [35]	1 3/8 [35]	246
ALTH 100/15K	4 [100]	1 1/8 [40]	550 [250]	Ball bearing	15	1 3/4 [45]	1 3/4 [45]	246
ALTH 101/15K *	4 [100]	1 1/8 [40]	770 [350]	Ball bearing	15	1 1/8 [40]	1 1/8 [40]	246
ALTH 125/15K	5 [125]	1 1/8 [40]	770 [350]	Ball bearing	15	1 3/4 [45]	1 3/4 [45]	246
ALTH 127/20K *	5 [125]	2 1/8 [54]	990 [450]	Ball bearing	20	2 11/32 [60]	2 11/32 [60]	246
ALTH 140/20K *	5 1/2 [140]	2 1/8 [54]	1100 [500]	Ball bearing	20	2 11/32 [60]	2 11/32 [60]	246
ALTH 150/20K	6 [150]	2 [50]	1100 [500]	Ball bearing	20	2 11/32 [60]	2 11/32 [60]	246
ALTH 180x50/20-54K **	7 1/8 [180]	2 [50]	1320 [600]	Ball bearing	20	2 11/32 [60]	2 11/32 [60]	445
ALTH 200/20K	8 [200]	2 [50]	1760 [800]	Ball bearing	20	2 11/32 [60]	2 11/32 [60]	246
ALTH 200x50/20-40K **	8 [200]	2 [50]	1760 [800]	Ball bearing	20	2 3/32 [50]	1 1/8 [40]	445
ALTH 200x50/20-54K **	8 [200]	2 [50]	1760 [800]	Ball bearing	20	2 11/32 [60]	2 1/8 [54]	445
ALTH 200x50/25-50K **	8 [200]	2 [50]	1760 [800]	Ball bearing	25	2 11/32 [60]	2 [50]	445
<b>VSTH series</b>								
VSTH 35/6K	1 3/8 [35]	1 1/8 [27]	220 [100]	Ball bearing	6	1 3/32 [30]	1 3/32 [30]	258
VSTH 50/8K	2 [50]	1 3/32 [33]	330 [150]	Ball bearing	8	1 3/8 [35]	1 3/8 [35]	258
VSTH 60/15K	2 5/16 [60]	1 3/8 [35]	440 [200]	Ball bearing	15	1 3/8 [35]	1 3/8 [35]	258
<b>GTH series</b>								
GTH 100/15K	4 [100]	1 1/8 [40]	880 [400]	Ball bearing	15	1 1/8 [40]	1 1/8 [40]	258
GTH 101/20-50K *	4 [100]	2 [50]	1100 [500]	Ball bearing	20	1 3/32 [50]	1 3/32 [50]	258
GTH 125/15K	5 [125]	1 1/8 [40]	1100 [500]	Ball bearing	15	1 3/4 [45]	1 3/4 [45]	258
GTH 127/20K	5 [125]	2 [50]	1320 [600]	Ball bearing	20	2 11/32 [60]	2 11/32 [60]	258
GTH 150/20K	6 [150]	2 [50]	1650 [750]	Ball bearing	20	2 11/32 [60]	2 11/32 [60]	258
GTH 200/20K	8 [200]	2 [50]	2200 [1000]	Ball bearing	20	2 11/32 [60]	2 11/32 [60]	258
GTH 202/25K	8 [200]	3 1/8 [80]	3520 [1600]	Ball bearing	25	3 17/32 [90]	3 17/32 [90]	258
GTH 252/25K	10 [250]	3 1/8 [80]	3960 [1800]	Ball bearing	25	3 17/32 [90]	3 17/32 [90]	259
GTH 302/30K	12 [300]	3 1/8 [80]	5300 [2400]	Ball bearing	30	3 17/32 [90]	3 17/32 [90]	259

\* Heavy design for stackers and forklift trucks

\*\* Steer wheel for pallet trucks



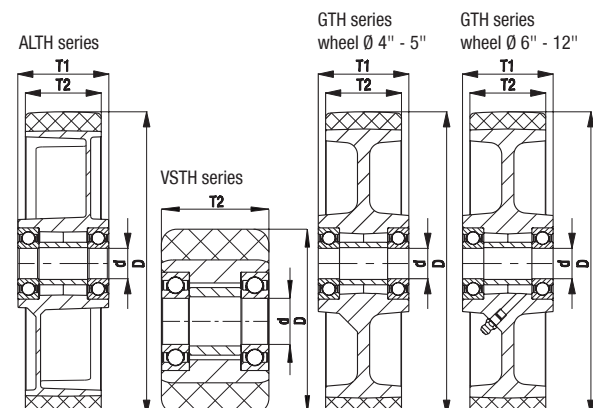
More options in the Bickel general catalog G15!

## Options



	Antistatic version, non-marking gray	With tapered roller bearing	Drive wheels with hub keyway	Further dimensions ***
<b>Product code suffix</b>	-AS		GTHN series	
<b>Available for</b>	ALTH, GTH series upon request	GTH series upon request	refer to page 75	upon request

\*\*\* Up to a diameter of 40" and a load capacity of 66,000 lbs



## ALB, GB Series

Heavy Duty Wheels with **Blickle Besthane®** Polyurethane Tread, with Aluminum or Cast Iron Wheel Center

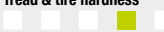




 880 - 3,950 lbs

 RoHS



ALB Series

GB Series

<b>Tread &amp; tire hardness</b>	 92° shore A
<b>Temperature resistance</b>	 -15° F - +160° F temporarily up to +195° F
<b>Rolling resistance</b>	 excellent
<b>Operating noise</b>	 good
<b>Floor surface preservation</b>	 good



### ALB- / GB-wheel series:

**Tread:** Made of high-quality, reaction-cast polyurethane-elastomer **Blickle Besthane®**, 92° shore A hardness, low-noise operation, **very low rolling resistance, high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, color brown, non-marking, non-staining, very good chemical connection with the wheel center.

### Wheel center:

**ALB series:** Made of die-cast aluminum.

**GB series:** Made of rugged gray cast iron, wheel Ø 6" or larger with grease nipple, lacquered, color silver.

### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances.

Operating temperature: -15° F to +160° F, temporarily up to +195° F.

At ambient temperatures above +105° F the load capacity is reduced.

Maintenance-free under standard conditions.

Wheels	Wheel Ø (D) [inch] [mm]	Wheel width (T2) [inch] [mm]	Load capacity at 2.5 mph [lbs] [kg]	Load capacity at 6.25 mph * [lbs] [kg]	Load capacity at 10 mph * [lbs] [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [inch] [mm]	G15 page
<b>ALB series</b>									
ALB 150/20K	6 [150]	2 [50]	1100 [500]	615 [280]	-	Ball bearing	20	2 1/2 [60]	
ALB 160/20K	6 3/16 [160]	2 [50]	1210 [550]	660 [300]	-	Ball bearing	20	2 1/2 [60]	
ALB 200/20K	8 [200]	2 [50]	1760 [800]	990 [450]	770 [350]	Ball bearing	20	2 1/2 [60]	
<b>GB series</b>									
GB 100/15K **	4 [100]	1 1/16 [40]	880 [400]	530 [240]	-	Ball bearing	15	1 1/16 [40]	268
GB 101/20-50K **	4 [100]	2 [50]	1100 [500]	660 [300]	-	Ball bearing	20	1 3/32 [50]	268
GB 128/20K **	5 [125]	2 1/32 [60]	1540 [700]	925 [420]	-	Ball bearing	20	2 1/32 [60]	268
GB 140/20K **	5 1/2 [140]	2 1/8 [54]	1760 [800]	1055 [480]	-	Ball bearing	20	2 1/2 [60]	268
GB 150/20K	6 [150]	2 [50]	1650 [750]	990 [450]	-	Ball bearing	20	2 1/2 [60]	268
GB 200/20K	8 [200]	2 [50]	2200 [1000]	1540 [700]	880 [400]	Ball bearing	20	2 1/2 [60]	268
GB 202/25K	8 [200]	3 1/8 [80]	3520 [1600]	2420 [1100]	1320 [600]	Ball bearing	25	3 1/2 [90]	268
GB 252/25K	10 [250]	3 1/8 [80]	3950 [1800]	3080 [1400]	1650 [750]	Ball bearing	25	3 1/2 [90]	269

\* Considerably higher load capacities are possible for applications without obstacles

\*\* Heavy design for stackers and forklift trucks



**BUSHING**  
REFER TO PAGE 20

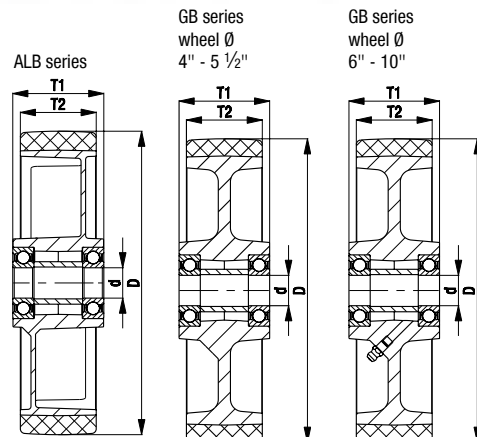
More  
options in the  
Blickle general  
catalog  
G15!

Options



Further dimensions ***	With tapered roller bearing
<b>Product code suffix</b>	
Available for	GB series upon request

\*\*\* Up to a diameter of 40" and a load capacity of 66,000 lbs



## GTN Series

Heavy Duty Drive Wheels with Hub Keyway, with Blickle Extrathane® Polyurethane Tread, with Cast Iron Wheel Center

660 - 4,850 lbs

✓RoHS



Tread & tire hardness	92° shore A
Temperature resistance	-20° F - +160° F temporarily up to +195° F
Rolling resistance	very good
Operating noise	good
Floor surface preservation	good



### GTN-wheel series:

**Tread:** Made of high-quality, reaction-cast polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, color light brown, non-marking, non-staining, very good chemical connection with the wheel center.

**Wheel center:** Made of rugged gray cast iron, plain bore keyway in accordance to DIN 6885, lacquered, color silver.

### Other features:

High chemical resistance to many aggressive substances.

Operating temperature: -20° F to +160° F, temporarily up to +195° F.

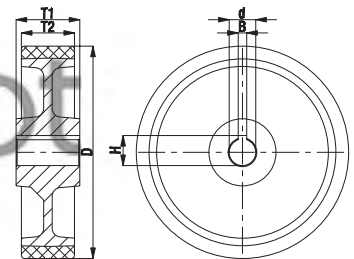
At ambient temperatures above +105° F the load capacity is reduced.

Maintenance-free under standard conditions.

Wheels	Wheel Ø (D) [inch] [mm]	Wheel width (T2) [inch] [mm]	Load capacity [lbs] [kg]	Axle bore Ø (d) [mm]	Hub groove length (B) [mm]	Hub groove height (H) [mm]	Hub length (T1) [mm]	G15 page
GTN 75/20H7	3 [75]	1 1/16 [40]	660 [300]	20 H7	6 JS9	22.8	40	462
GTN 100/20H7	4 [100]	1 1/16 [40]	770 [350]	20 H7	6 JS9	22.8	40	462
GTN 100/25H7	4 [100]	1 1/16 [40]	770 [350]	25 H7	8 JS9	28.3	40	462
GTN 127/25H7	5 [125]	2 [50]	1210 [550]	25 H7	8 JS9	28.3	60	462
GTN 127/30H7	5 [125]	2 [50]	1210 [550]	30 H7	8 JS9	33.3	60	462
GTN 140/30H7	5 1/2 [140]	2 [50]	1320 [600]	30 H7	8 JS9	33.3	60	462
GTN 150/30H7	6 [150]	2 [50]	1430 [650]	30 H7	8 JS9	33.3	60	462
GTN 160/30H7	6 1/16 [160]	2 [50]	1540 [700]	30 H7	8 JS9	33.3	60	462
GTN 200/25H7	8 [200]	2 [50]	1980 [900]	25 H7	8 JS9	28.3	60	462
GTN 200/30H7	8 [200]	2 [50]	1980 [900]	30 H7	8 JS9	33.3	60	462
GTN 202/35H7	8 [200]	3 1/8 [80]	3080 [1400]	35 H7	10 JS9	38.3	80	462
GTN 202/40H7	8 [200]	3 1/8 [80]	3080 [1400]	40 H7	12 JS9	43.3	80	462
GTN 251/30H7	10 [250]	2 [50]	2420 [1100]	30 H7	8 JS9	33.3	60	463
GTN 251/40H7	10 [250]	2 [50]	2420 [1100]	40 H7	12 JS9	43.3	60	463
GTN 252/40H7	10 [250]	3 1/8 [80]	3520 [1600]	40 H7	12 JS9	43.3	80	463
GTN 252/50H7	10 [250]	3 1/8 [80]	3520 [1600]	50 H7	14 JS9	53.8	80	463
GTN 253/50H7	10 [250]	4 [100]	4850 [2200]	50 H7	14 JS9	53.8	100	463

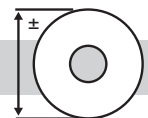
10

CasterDepot



More  
options in the  
Blickle general  
catalog  
G15!

Options



	Wheel with hub keyway and elastic solid rubber tire	Hub fitting wheel with elastic solid rubber tire	Wheel with hub keyway and softer tread, 75° shore A	Hub fitting wheel with softer tread, 75° Shore A	Hub fitting wheel with pneumatic tire	Hub fitting wheel with super-elastic solid rubber tire	Further dimensions and US-Standard bore and keyway dimensions *
Product code suffix	GEVN series	GEVA series	GSTN series	GSTA series	PA series	VLEA series	
Available for	upon request	upon request	upon request	upon request	upon request	upon request	upon request

\* Up to a diameter of 40" and a load capacity of 55,000 lbs



# POA, PO, POG Series

## Light and Medium Heavy Duty Nylon Wheels

165 - 2,200 lbs

✓RoHS



POA Series

PO Series

POG Series

<b>Tread &amp; tire hardness</b>	70° shore D
<b>Temperature resistance</b>	-15° F - +175° F
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	reasonable
<b>Floor surface preservation</b>	reasonable

### POA / PO / POG-wheel series:

Made of high-quality, impact-resistant nylon, medium heavy wheel design, 70° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance. POA series: color black, PO series: color natural white, POG series: color gray.

#### Bearing types:

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

#### Other features:

High chemical resistance to many aggressive substances (for more information please refer to page 36-37 of the Blickle general catalog G15). Operating temperature: -15° F to +175° F. At ambient temperatures above +95° F the load capacity is reduced. Maintenance-free under standard conditions.

Wheels	Wheel Ø (D) [inch] [mm]	Wheel width (T2) [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [inch] [mm]	G15 page
<b>POA series</b>							
POA 50/8G	2 [50]	1 1/16 [18]	165 [75]	Plain bore	8	27/32 [22]	104
POA 75/8G	3 [75]	7/8 [23]	220 [100]	Plain bore	8	1 1/32 [29.5]	104
POA 80/12G	3 1/8 [80]	1 1/4 [32]	485 [220]	Plain bore	12	1 3/8 [35]	104
POA 100/12G	4 [100]	1 1/4 [32]	530 [240]	Plain bore	12	1 3/8 [35]	104
POA 125/12G	5 [125]	1 1/4 [32]	570 [260]	Plain bore	12	1 3/8 [35]	104
<b>PO series</b>							
PO 80/12G	3 1/8 [80]	1 1/4 [32]	485 [220]	Plain bore	12	1 3/8 [35]	276
PO 101/12G	4 [100]	1 1/4 [32]	530 [240]	Plain bore	12	1 3/8 [35]	276
PO 126/12G	5 [125]	1 1/4 [32]	570 [260]	Plain bore	12	1 3/8 [35]	276
<b>POG series</b>							
POG 80/12G	3 1/8 [80]	1 1/4 [32]	330 [150]	Plain bore	12	1 3/8 [35]	
POG 82/15K	3 1/8 [80]	1 7/16 [37]	350 [160]	Ball bearing	15	1 3/4 [45]	
POG 89/15G	3 1/2 [89]	1 1/4 [32]	330 [150]	Plain bore	15	1 3/4 [45]	
POG 89/10K-FK	3 1/2 [89]	1 1/4 [32]	330 [150]	Ball bearing (C)	10	1 25/32 [46]	
POG 100/12G	4 [100]	1 7/16 [37]	615 [280]	Plain bore	12	1 3/4 [45]	
POG 100/15G	4 [100]	1 7/16 [37]	615 [280]	Plain bore	15	1 3/4 [45]	
POG 100/10K	4 [100]	1 7/16 [37]	615 [280]	Ball bearing (C)	10	1 25/32 [46]	
POG 125/12G	5 [125]	1 3/8 [40]	660 [300]	Plain bore	12	1 3/4 [45]	
POG 125/15G	5 [125]	1 3/8 [40]	660 [300]	Plain bore	15	1 3/4 [45]	
POG 125/10K	5 [125]	1 3/8 [40]	660 [300]	Ball bearing (C)	10	1 25/32 [46]	
POG 150/20G	6 [150]	2 [50]	880 [400]	Plain bore	20	2 1/32 [60]	
POG 150/20K	6 [150]	2 [50]	880 [400]	Ball bearing	20	2 1/32 [60]	
POG 160/20K	6 3/8 [160]	2 [50]	990 [450]	Ball bearing	20	2 1/32 [60]	
POG 200/20G	8 [200]	2 [50]	1320 [600]	Plain bore	20	2 1/32 [60]	
POG 200/20K	8 [200]	2 [50]	1320 [600]	Ball bearing	20	2 1/32 [60]	
POG 250/25G	10 [250]	2 [50]	2200 [1000]	Plain bore	25	2 1/32 [60]	
POG 250/25K	10 [250]	2 [50]	2200 [1000]	Ball bearing	25	2 1/32 [60]	



**BUSHING**  
REFER TO PAGE 20

More options in the Blickle general catalog G15!

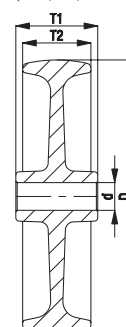
Options



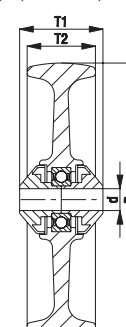
**Stain less**

	Electrically conductive version, non-marking gray	With roller bearing in white color	In white color	With stainless steel roller or ball bearing
Product code suffix	-ELS	-R	PO / PPN series	-XR / -XK
Available for	POG series upon request	PO, POG series upon request	POA, POG series upon request	POG series upon request

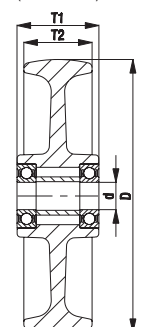
Plain bore (POA, PO, POG series)



Ball bearing (C) (POG series)



Ball bearing (POG series)



# SPOG, POW Series

Heavy Duty Nylon Wheels /

Noise Absorbing Nylon Wheels with Rubber Ring

440 - 4,400 lbs

✓RoHS

## SPOG series:

Tread & tire hardness	70° shore D
Temperature resistance	-15° F - +175° F
Rolling resistance	excellent
Operating noise	reasonable
Floor surface preservation	reasonable

## POW series:

Tread & tire hardness	70° shore D
Temperature resistance	-15° F - +175° F
Rolling resistance	very good
Operating noise	good
Floor surface preservation	reasonable



SPOG Series

POW Series

## SPOG-wheel series:

Made of high-quality, impact-resistant nylon, very rugged, heavy wheel design, 70° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance, color gray.

## POW-wheel series:

Made of high-quality, impact-resistant nylon, 70° shore D hardness, noise absorbing (-10 decibel) achieved with elastic solid rubber damping ring, color red, low rolling resistance, smooth running performance on even floors, high abrasion resistance, color white.

## Bearing types:

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

## Other features:

High chemical resistance to many aggressive substances (for more information please refer to page 36-37 of the Blicke general catalog G15). Operating temperature: -15° F to +175° F. At ambient temperatures above +95° F the load capacity is reduced. Maintenance-free under standard conditions.

Wheels	Wheel Ø (D) [inch] [mm]	Wheel width (T2) [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [inch] [mm]	G15 page
<b>SPOG series</b>							
SPOG 80/15K	3 1/8 [80]	1 1/16 [37]	770 [350]	Ball bearing	15	1 3/4 [45]	
SPOG 100/15K	4 [100]	1 1/16 [37]	1100 [500]	Ball bearing	15	1 3/4 [45]	
SPOG 125/15K	5 [125]	1 1/16 [40]	1540 [700]	Ball bearing	15	1 3/4 [45]	
SPOG 127/20K	5 [125]	2 [50]	1650 [750]	Ball bearing	20	2 1/32 [60]	
SPOG 150/20K	6 [150]	2 [50]	1760 [800]	Ball bearing	20	2 11/32 [60]	
SPOG 160/20K	6 3/16 [160]	2 [50]	1870 [850]	Ball bearing	20	2 11/32 [60]	
SPOG 201/20K	8 [200]	2 [50]	2200 [1000]	Ball bearing	20	2 11/32 [60]	
SPOG 200/25K *	8 [200]	2 [50]	3300 [1500]	Ball bearing	25	2 11/32 [60]	
SPOG 250/25K	10 [250]	2 17/32 [65]	4400 [2000]	Ball bearing	25	2 17/32 [65]	
<b>POW series</b>							
POW 100/8K-FK	4 [100]	1 3/8 [35]	440 [200]	Ball bearing (C)	8	1 25/32 [46]	288
POW 100/10K-FK	4 [100]	1 3/8 [35]	440 [200]	Ball bearing (C)	10	1 25/32 [46]	288
POW 125/8K-FK	5 [125]	1 3/8 [35]	485 [220]	Ball bearing (C)	8	1 25/32 [46]	288
POW 125/10K-FK	5 [125]	1 3/8 [35]	485 [220]	Ball bearing (C)	10	1 25/32 [46]	288



**BUSHING**  
REFER TO PAGE 20

More  
options in the  
Blicke general  
catalog  
G15!

Options

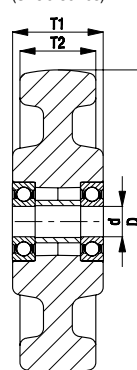


**Stain  
less**

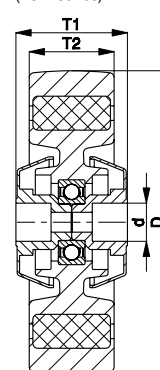
	Plain bore versions	In white color	Wheel with additional ball bearing seals	With stainless steel ball bearing **
Product code suffix		SPO series	-KD	-XK
Available for	upon request	upon request	POW series upon request	SPOG series upon request

\*\* Some dimensions will result in a reduced load capacity (consult factory for details)

Ball bearing  
(SPOG series)



Ball bearing (C)  
(POW series)



## GSPO Series

Extra Heavy Duty Wheels made of Cast Nylon



1,430 - 6,600 lbs



### Tread & tire hardness



80° shore D

### Temperature resistance



-15° F - +175° F

### Rolling resistance



excellent

### Operating noise



reasonable

### Floor surface preservation



reasonable

### GSPO-wheel series:

Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon with extremely high load capacity, 80° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance, color natural beige.

### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features:

High chemical resistance to many aggressive substances (for more information please refer to page 36-37 of the Bickler general catalog G15).

Operating temperature: -15° F to +175° F.

At ambient temperatures above +95° F the load capacity is reduced.

The relatively high floor pressure should be considered for pressure-sensitive floors. For more information please refer to page 24 of this catalog.

Maintenance-free under standard conditions.



**BUSHING**

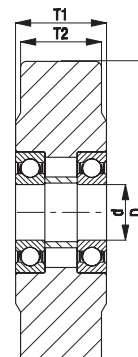
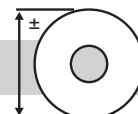
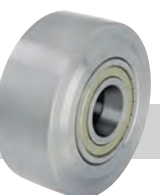
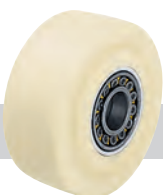
REFER TO PAGE 20

Wheels	Wheel Ø (D)		Wheel width (T2)		Load capacity		Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [inch] [mm]	G15 page
	[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]				
GSPO 65/15K	2 1/2	[65]	1 1/8	[40]	1430 *	[650]	Ball bearing	15	1 3/4 [45]	314
GSPO 80/20K	3 1/8	[80]	1 1/8	[40]	2200 *	[1000]	Ball bearing	20	1 3/4 [45]	314
GSPO 100/20K	4	[100]	1 1/8	[40]	2750 *	[1250]	Ball bearing	20	1 3/4 [45]	314
GSPO 101/25K	4	[100]	2 1/2	[55]	3300 *	[1500]	Ball bearing	25	2 1/2 [60]	314
GSPO 125/25K	5	[125]	2 1/2	[55]	4400 *	[2000]	Ball bearing	25	2 1/2 [60]	314
GSPO 150/30K	6	[150]	2 1/2	[55]	5500	[2500]	Ball bearing	30	2 1/2 [60]	314
GSPO 152/35K	6	[150]	3 1/8	[80]	6600	[3000]	Ball bearing	35	3 1/2 [90]	314
GSPO 200/35K	8	[200]	2 1/2	[55]	6600	[3000]	Ball bearing	35	2 1/2 [60]	314

\* Test in accordance to DIN 12532 with extended resting periods in order to avoid thermal overstressing

More options in the Bickler general catalog G15!

### Options



	Plain bore version	With spherical roller bearing	Heavy duty cast iron wheels	Heavy duty solid steel wheels	With stainless steel ball bearing	Further dimensions **
Product code suffix		-PR	G series	SVS series	-XK	
Available for	upon request	upon request	Ø 3 1/8" - 10" upon request	Ø 2 17/32" - 12" upon request	upon request	upon request

\*\* Up to a diameter of 40" and a load capacity of 110,000 lbs



# SPK, SPKGSP0 Series

## Cast Iron Flanged Wheels /

## Cast Nylon Flanged Wheels

485 - 7,700 lbs

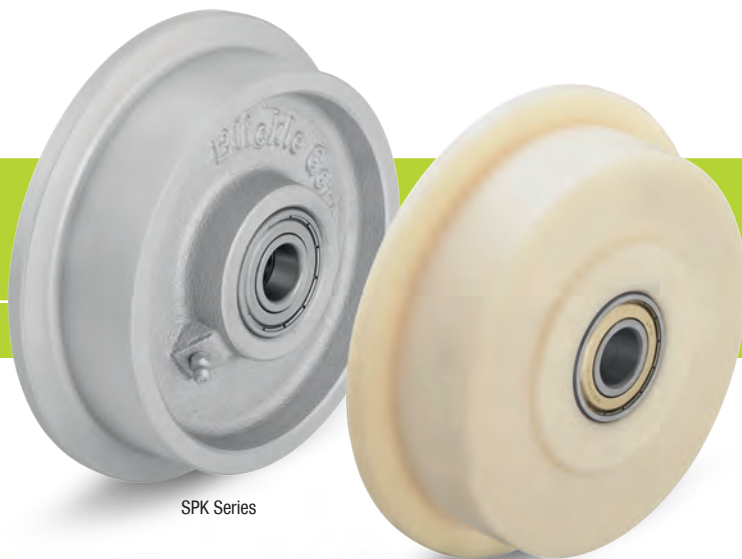


### SPK series:

Tread & tire hardness	180 - 220 HB
Temperature resistance	-150° F - +1110° F
Rolling resistance	excellent
Operating noise	sufficient
Floor surface preservation	sufficient

### SPKGSP0 series:

Tread & tire hardness	80° shore D
Temperature resistance	-15° F - +175° F
Rolling resistance	excellent
Operating noise	reasonable
Floor surface preservation	reasonable



SPK Series

SPKGSP0 Series

### SPK-wheel series:

Made of rugged gray cast iron, wheel Ø 5" or larger (without flange dimension) with grease nipple, machined flange and tread, with horizontal taper of 3°, exceptionally low rolling resistance, outstanding wear resistance, lacquered, color silver.

### SPKGSP0-wheel series:

Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D hardness, with horizontal taper of 3°, very low rolling resistance, high abrasion resistance, color natural beige.

### Bearing types:

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

### Other features SPK series:

Operating temperature:

- Plain bore version: -150° F to +1,110° F, load capacity reduction of 50 % at +1,100° F.
- Ball bearing version: -15° F to +250° F.
- Heat-resistant ball bearing version (refer to 'Options'): -20° F to +570° F, load capacity reduction of 50 % at +570° F.

For plain bore versions, a temperature specific grease must be regularly applied.

### Other features SPKGSP0 series:

High chemical resistance to many aggressive substances. Operating temperature: -15° F to +175° F. At ambient temperatures above +95° F the load capacity is reduced.

Maintenance-free under standard conditions.

Flanged wheels	Wheel Ø w/o flange (D)	Wheel Ø incl. flange (D1)	Wheel width (T2)	Tread width (T3)	Flange length (T4)	Load capacity	Bearing type	Axle bore Ø (d)	Hub length (T1)	G15 page
	[inch] [mm]	[inch] [mm]	[inch] [mm]	[inch] [mm]	[inch] [mm]	[lbs] [kg]		[mm]	[inch] [mm]	
<b>SPK series</b>										
SPK 50G	2 [50]	2 7/16 [62]	1 1/4 [32]	1 1/32 [26]	7/32 [6]	880 [400]	Plain bore	15	1 1/4 [32]	336
SPK 75G	3 [75]	4 [100]	1 9/16 [40]	1 1/8 [30]	11/32 [13.5]	1540 [700]	Plain bore	20	1 7/32 [47]	336
SPK 75K	3 [75]	4 [100]	1 9/16 [40]	1 1/8 [30]	11/32 [13.5]	1540 [700]	Ball bearing	20	1 7/32 [47]	336
SPK 100G	4 [100]	5 [125]	1 25/32 [46]	1 13/32 [36]	1/2 [13]	1760 [800]	Plain bore	20	2 1/32 [52]	336
SPK 100K	4 [100]	5 [125]	1 25/32 [46]	1 13/32 [36]	1/2 [13]	1760 [800]	Ball bearing	20	2 1/32 [52]	336
SPK 125K	5 [125]	5 11/16 [145]	1 25/32 [46]	1 13/32 [36]	1/2 [13]	1980 [900]	Ball bearing	20	2 1/32 [52]	336
SPK 150K	6 [150]	6 7/8 [175]	1 25/32 [46]	1 13/32 [36]	1/2 [13]	2200 [1000]	Ball bearing	20	2 1/32 [52]	336
SPK 200K	8 [200]	9 [230]	2 1/16 [53]	1 1/2 [38]	25/32 [20]	3300 [1500]	Ball bearing	25	2 11/32 [60]	336
SPK 201K	8 [200]	9 [230]	3 1/8 [80]	2 11/32 [60]	1 [25]	6600 [3000]	Ball bearing	40	3 17/32 [90]	336
SPK 250K	10 [250]	12 [300]	2 17/32 [65]	2 [50]	11/16 [17.5]	5500 [2500]	Ball bearing	30	2 3/4 [70]	336
SPK 251K	10 [250]	12 [300]	3 1/8 [80]	2 11/32 [60]	1 [25]	7700 [3500]	Ball bearing	40	3 17/32 [90]	336
<b>SPKGSP0 series</b>										
SPKGSP0 50K	2 [50]	2 7/16 [62]	1 1/4 [32]	1 1/32 [26]	7/32 [6]	485 [220]	Ball bearing	15	1 1/4 [32]	338
SPKGSP0 75K	3 [75]	4 [100]	1 9/16 [40]	1 1/8 [30]	11/32 [13.5]	835 [380]	Ball bearing	20	1 7/32 [47]	338
SPKGSP0 100K	4 [100]	5 [125]	1 25/32 [46]	1 13/32 [36]	1/2 [13]	1320 [600]	Ball bearing	20	2 1/32 [52]	338
SPKGSP0 125K	5 [125]	5 11/16 [145]	1 25/32 [46]	1 13/32 [36]	1/2 [13]	1650 [750]	Ball bearing	20	2 1/32 [52]	338

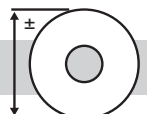
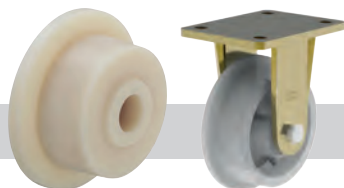
The load capacities indicated in the table refer to the following rail profiles in accordance to DIN 536 (crane rail standard):

SPK 50G to SPK 200K, SPK 250K / SPKGSP0 50K to SPKGSP0 125K : A45

SPK 201K, SPK 251K: A55

More options in the Blickle general catalog G15!

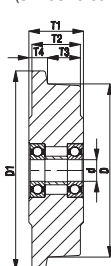
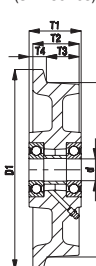
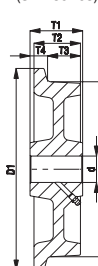
### Options



Plain bore (SPK series)

Ball bearing (SPK series)

Ball bearing (SPKGSP0 series)



Further plain bore versions	With rigid rig, wheel Ø 4" - 10"	With heat-resistant ball bearing (oven bearing)	With stainless steel ball bearing *	Further dimensions
<b>Product code suffix</b>	<b>BH / BS series</b>	<b>-IK</b>	<b>-XK</b>	
Available for	SPKGSP0 series upon request	SPK series upon request	SPKGSP0 series upon request	upon request

\* Some dimensions will result in a reduced load capacity (consult factory for details)

## DSPK, DSPKGSP0 Series

Solid Steel V-Grooved Wheels /  
Cast Nylon V-Grooved Wheels

265 - 2,640 lbs

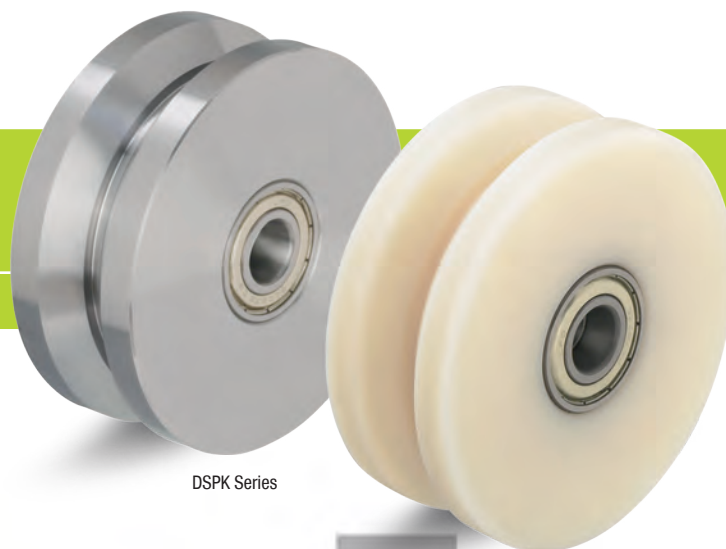
✓RoHS

### DSPK series:

Tread & tire hardness	190 - 230 HB
Temperature resistance	-15° F - +250° F
Rolling resistance	excellent
Operating noise	sufficient
Floor surface preservation	sufficient

### DSPKGSP0 series:

Tread & tire hardness	80° shore D
Temperature resistance	-15° F - +175° F
Rolling resistance	excellent
Operating noise	reasonable
Floor surface preservation	reasonable



DSPK Series

DSPKGSP0 Series

### DSPK-wheel series:

Made of mild steel, with lightly oiled surface, V-shaped tread (for angular steel), exceptionally low rolling resistance, outstanding wear resistance, extremely high static and dynamic load capacity.

### DSPKGSP0-wheel series:

Made of high-quality, impact-resistant, hard and tough, highly compressed cast nylon, 80° shore D hardness, V-shaped tread (for angular steel), very low rolling resistance, high abrasion resistance, color natural beige.

### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Other features DSPK series:

Operating temperature: -15° F to +250° F.

### Other features DSPKGSP0 series:

High chemical resistance to many aggressive substances.

Operating temperature: -15° F to +175° F.

At ambient temperatures above +95° F the load capacity is reduced.

### More information:

The relatively high floor pressure should be considered for pressure-sensitive floors. For more information please refer to page 24 of this catalog.

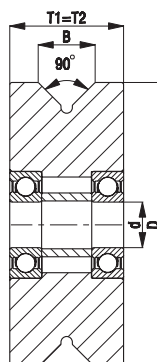
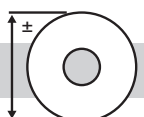
Maintenance-free under standard conditions.

Double flanged wheels	Wheel Ø (D)		Wheel width (T2)		Recess width (B)		Load capacity		Bearing type	Axle bore Ø (d)	Hub length (T1)		G15 page
	[inch]	[mm]	[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]		[mm]	[inch]	[mm]	
DSPK series													
DSPK 50K	2	[50]	1 <sup>1</sup> / <sub>16</sub>	[18]	1 <sup>5</sup> / <sub>32</sub>	[12]	265	[120]	Ball bearing	10	1 <sup>1</sup> / <sub>16</sub>	[18]	341
DSPK 75K	3	[75]	2 <sup>7</sup> / <sub>32</sub>	[22]	¾	[16]	550	[250]	Ball bearing	12	2 <sup>7</sup> / <sub>32</sub>	[22]	341
DSPK 100K	4	[100]	1 <sup>5</sup> / <sub>16</sub>	[24]	1 <sup>1</sup> / <sub>16</sub>	[18]	660	[300]	Ball bearing	15	1 <sup>5</sup> / <sub>16</sub>	[24]	341
DSPK 101K *	4	[100]	1 ¾	[40]	2 <sup>5</sup> / <sub>32</sub>	[20]	1320	[600]	Ball bearing	15	1 ¾	[40]	341
DSPK 120K	4 ¾	[120]	1 ½	[33]	1	[25]	1320	[600]	Ball bearing	20	1 ½	[33]	341
DSPK 125K *	5	[125]	2	[50]	1	[25]	2640	[1200]	Ball bearing	20	1 ¾	[50]	341
DSPK 150K	6	[150]	1 ½	[33]	1	[25]	1760	[800]	Ball bearing	20	1 ½	[33]	341
DSPK 200K	8	[200]	1 ½	[33]	1	[25]	2200	[1000]	Ball bearing	20	1 ½	[33]	341
DSPKGSP0 series													
DSPKGSP0 100K	4	[100]	1 <sup>5</sup> / <sub>16</sub>	[24]	1 <sup>1</sup> / <sub>16</sub>	[18]	330	[150]	Ball bearing	15	1 <sup>5</sup> / <sub>16</sub>	[24]	340
DSPKGSP0 101K *	4	[100]	1 ¾	[40]	2 <sup>5</sup> / <sub>32</sub>	[20]	880	[400]	Ball bearing	15	1 ¾	[40]	340
DSPKGSP0 125K *	5	[125]	2	[50]	1	[25]	1540	[700]	Ball bearing	20	1 ¾	[50]	340

\* Wheels with wide tread which can also run on the floor

More options in the Blickle general catalog G15!

### Options



Product code suffix	With rigid rig	Further versions	With stainless ball bearing	Further dimensions
Available for	upon request	upon request	DSPKGSP0 series upon request	upon request

## POSI Series

Heat-Resistant Bickie TempLine® Comfort Wheels with Silicone Rubber Tread, with Nylon Wheel Center

175 - 265 lbs

-15° F - +480° F

✓RoHS



Tread & tire hardness	75° shore A
Temperature resistance	-15° F - +480° F
Rolling resistance	good
Operating noise	very good
Floor surface preservation	very good

Bickie  
TempLine® Comfort

### POSI-wheel series:

**Tread:** Made of highly heat-resistant silicone rubber, 75° shore A hardness, very high operational comfort, low-noise operation, highly elastic, very good floor preservation, abrasion resistance, characteristics that do not degrade over time, color black, **non-marking**, vulcanized onto the wheel center.

**Wheel center:** Made of high-quality, impact and heat-resistant nylon, color gray.

### Bearing type:

- Plain bore, corrosion-resistant

### Other features:

Very high chemical resistance to many aggressive substances, **suitable for autoclaves**.

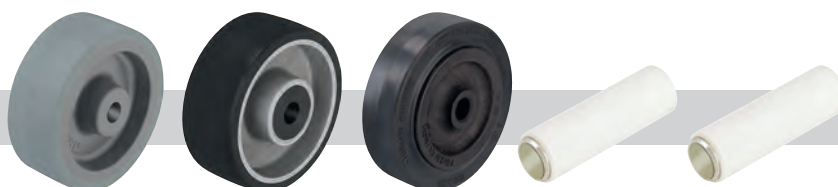
### Operating temperature: -15° F to +480° F.

Furnace temperatures above +570° F can be tolerated temporarily, but the temperature at the tread must not exceed +480° F.

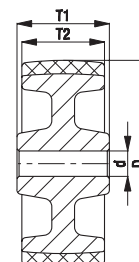
Wheels	Wheel Ø (D) [inch] [mm]	Wheel width (T2) [inch] [mm]	Load capacity [lbs] [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [inch] [mm]	G15 page
POSI 101/12G	4 [100]	1 1/8 [35]	175 [80]	Plain bore	12	1 1/2 [38]	381
POSI 100/12G	4 [100]	1 1/16 [40]	220 [100]	Plain bore	12	1 3/4 [45]	381
POSI 125/12G	5 [125]	1 1/16 [40]	265 [120]	Plain bore	12	1 3/4 [45]	381

More  
options in the  
Bickie general  
catalog  
G15!

### Options



	With non-marking gray rubber tire *	With aluminum wheel center	Heat-resistant solid rubber wheel up to +500° F	Teflon-coated stainless steel bushing Ø 12/8x40 mm	Teflon-coated stainless steel bushing Ø 12/8x47 mm
Product code	-SG	ALSI series	VKHT series	XAT 12x40	XAT 12x47
Available for	upon request	upon request	upon request	POSI 101/12G	POSI 100/12G POSI 125/12G



\* Operating temperature up to +465° F



## POHI Series

Heat-Resistant, Thermoplastic Bickie TempLine®  
Performance Wheels

440 - 660 lbs



-15° F - +480° F

✓RoHS



<b>Tread &amp; tire hardness</b>	85° shore D
<b>Temperature resistance</b>	-15° F - +480° F
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	reasonable
<b>Floor surface preservation</b>	reasonable

### POHI-wheel series:

Made of high-quality, impact and heat-resistant nylon, 85° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance, color gray.

### Bearing type:

- Plain bore, corrosion-resistant

### Other features:

High chemical resistance to many aggressive substances.

Suitable for autoclaves.

### Operating temperature: -15° F to +480° F.

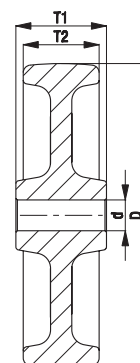
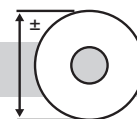
Furnace temperatures above +570° F can be tolerated temporarily, but the temperature at the wheel must not exceed +480° F.

Bickie  
TempLine® Performance

Wheels	Wheel Ø (D)		Wheel width (T2)		Load cap. up to +160° F		Load cap. at +340° F		Load cap. at +480° F		Bearing type	Axle bore Ø		Hub length (T1)		G15 page
	[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]	[lbs]	[kg]	[lbs]	[kg]		(d) [mm]	[inch]	[mm]		
POHI 100/12-35G	4	[100]	1 1/4	[30]	440	[200]	350	[160]	265	[120]	Plain bore	12	1 3/8	[35]	389	
POHI 100/12-45G	4	[100]	1 1/4	[30]	440	[200]	350	[160]	265	[120]	Plain bore	12	1 3/8	[45]	389	
POHI 125/12G	5	[125]	1 3/8	[40]	660	[300]	530	[240]	395	[180]	Plain bore	12	1 3/8	[45]	389	

More  
options in the  
Bickie general  
catalog  
G15!

### Options



	Natural color, temperature range -20° F - +340° F	Teflon-coated stainless steel bushing Ø 12/8x37 mm	Teflon-coated stainless steel bushing Ø 12/8x47 mm	With heat-resistant ball bearings	With stainless steel ball bearing and heat- resistant grease	Further dimensions up to 1,320 lbs
<b>Product code</b>	POH series	XAT 12x37	XAT 12x47	-HK	-HXX	
Available for	upon request	POHI 100/12-35G	POHI 100/12-45G POHI 125/12G	upon request	upon request	upon request

# FTH, FSTH Series

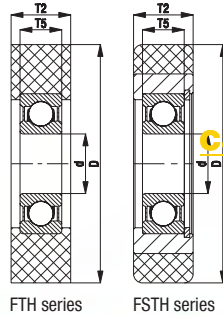
## Guide Rollers with Blickle Extrathane® Polyurethane Tread

45 - 600 lbs

✓RoHS



<b>Tread &amp; tire hardness</b>	92° shore A
<b>Temperature resistance</b>	-15° F - +160° F temporarily up to +195° F
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



### FTH / FSTH-guide roller series:

**Tread:** Made of high-quality, reaction-cast polyurethane-elastomer Blickle Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, color light brown, non-marking, non-staining. Cast tread.

### Wheel center:

**FTH series:** Tread directly bonded onto the ball bearing, very good chemical connection.

**FSTH series:** Made of steel.

### Bearing type:

• Ball bearing, sealed, lubricated with long-life grease

### Other features:

High chemical resistance to many aggressive substances.

Operating temperature: -15° F to +160° F, temporarily up to +195° F.

At ambient temperatures above +105° F the load capacity is reduced.

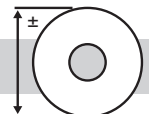
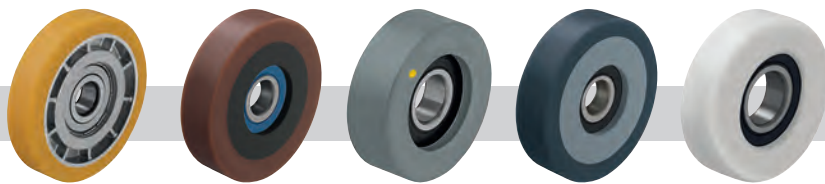
The load capacities indicated refer to applications without obstacles.

Maintenance-free under standard conditions.

Guide rollers	Wheel Ø (D)	Wheel width (T2)	Load capacity	Ball bearing	Axle bore Ø (d)	Clamping length (T5)	G15 page
	[inch]	[mm]	[lbs]	[kg]	[mm]	[inch]	
<b>FTH series</b>							
FTH 30x8/6-6K	1 1/8	30	45	626 2RS	6	7/32	430
FTH 30x11/9-7K	1 1/8	30	66	609 2RS	9	1/4	430
FTH 34x16/8-7K	1 5/16	34	66	608 2RS	8	1/4	430
FTH 35x14/12-8K	1 3/8	35	88	6001 2RS	12	5/16	430
FTH 36x13/10-9K	1 1/16	36	88	6200 2RS	10	11/32	430
FTH 40x15/10-8K	1 9/16	40	88	6000 2RS	10	5/16	430
FTH 40x20/10-9K	1 9/16	40	110	6200 2RS	10	11/32	430
FTH 45x17/15-11K	1 3/4	45	155	6202 2RS	15	13/32	430
FTH 50x15/10-9K	2	50	130	6200 2RS	10	11/32	430
FTH 50x15/12-12K	2	50	155	6301 2RS	12	13/32	430
FTH 50x18/15-11K	2	50	155	6202 2RS	15	13/32	430
FTH 60x20/17-12K	2 5/16	60	200	6203 2RS	17	15/32	430
FTH 70x20/25-15K	2 3/4	70	275	6205 2RS	25	9/16	430
<b>FSTH series</b>							
FSTH 40x13/10-8K	1 9/16	40	100	6000 2RS	10	5/16	431
FSTH 40x15/10-8K	1 9/16	40	120	6000 2RS	10	5/16	431
FSTH 40x20/10-8K	1 9/16	40	155	6000 2RS	10	5/16	431
FSTH 40x25/10-8K	1 9/16	40	200	6000 2RS	10	5/16	431
FSTH 50x15/10-8K	2	50	145	6000 2RS	10	5/16	431
FSTH 50x18/17-10K	2	50	175	6003 2RS	17	25/64	431
FSTH 50x25/12-10K	2	50	240	6201 2RS	12	25/64	431
FSTH 60x20/15-13K	2 5/16	60	230	6302 2RS	15	1/2	431
FSTH 60x20/20-12K	2 5/16	60	230	6004 2RS	20	15/32	431
FSTH 60x25/20-12K	2 5/16	60	285	6004 2RS	20	15/32	431
FSTH 70x25/20-15K	2 3/4	70	340	6304 2RS	20	9/16	431
FSTH 70x25/25-15K	2 3/4	70	340	6205 2RS	25	9/16	431
FSTH 80x25/25-15K	3 1/8	80	395	6205 2RS	25	9/16	431
FSTH 90x25/25-15K	3 13/32	90	440	6205 2RS	25	9/16	431
FSTH 100x25/20-15K	4	100	485	6304 2RS	20	9/16	431
FSTH 100x25/25-15K	4	100	485	6205 2RS	25	9/16	431
FSTH 125x25/25-15K	5	125	600	6205 2RS	25	9/16	431

More options in the Blickle general catalog G15!

### Options



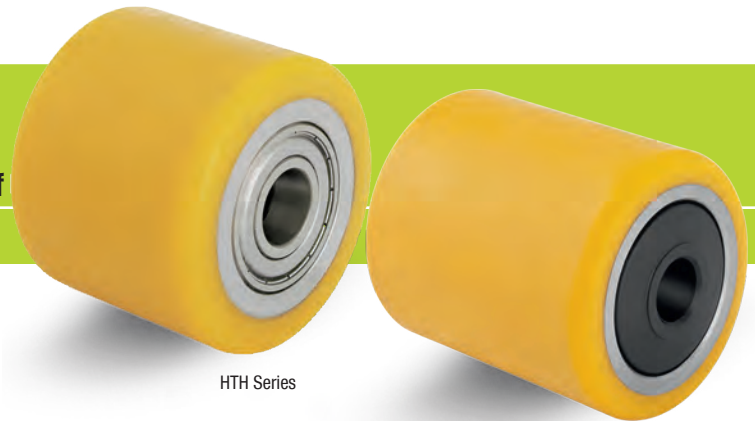
Product code suffix	FPOB series	-ELS	FPTH series	FPO series	-XK	Further dimensions
Available for	upon request	upon request	upon request	upon request	upon request	upon request

# HTH, HTHW Series

Rollers for Pallet Trucks with Bickie Extrathane®  
Polyurethane Tread, HTHW Series Splash and Washproof

400 - 1,850 lbs

✓RoHS



<b>Tread &amp; tire hardness</b>	92° shore A
<b>Temperature resistance</b>	-15° F - +160° F temporarily up to +195° F
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	good



## HTH / HTHW-pallet truck roller series:

**Tread:** Made of high-quality, reaction-cast polyurethane-elastomer Bickie Extrathane®, 92° shore A hardness, low-noise operation, low rolling resistance, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, color light brown, non-marking, non-staining, very good chemical connection with the wheel center. Cast tread.

**Wheel center:** Made of steel.

### Bearing type (HTH series):

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

### Bearing type (HTHW series):

- Ball bearing: Two pressed-in ball bearings, additional ball bearing seals, lubricated with long-life grease. **The combination of clearance sealing and slipping sealing ensures an optimum ball bearing protection against splash water and contamination.**

### Other features:

High chemical resistance to many aggressive substances.

Operating temperature: -15° F to +160° F, temporarily up to +195° F.

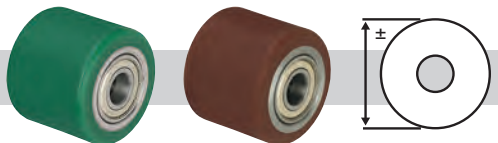
At ambient temperatures above +105° F the load capacity is reduced.

Maintenance-free under standard conditions.

Rollers for pallet trucks	Wheel Ø (D)	Wheel width (T2)	Load capacity	Bearing type	Axle bore Ø (d)	Clamping length (T5)	G15 page
	[inch]	[mm]	[lbs]	[kg]	[mm]	[inch]	
<b>HTH series</b>							
HTH 60x35/15-35K	2 1/32	1 3/8	400	6002 ZZ	15	1 3/8	438
HTH 60x60/10-56K	2 1/32	2 1/32	705	6200 ZZ	10	2 3/16	438
HTH 75x40/20-40K	3	1 1/16	595	6204 ZZ	20	1 1/16	438
HTH 75x62/20-62K	3	2 7/16	900	6204 ZZ	20	2 7/16	438
HTH 75x75/20-75K	3	3	1100	6204 ZZ	20	2 5/16	438
HTH 75x95/20-95K	3	3 23/32	1410	6204 ZZ	20	3 23/32	438
HTH 80x40/20-40K	3 1/8	1 1/16	615	6204 ZZ	20	1 1/16	438
HTH 80x54/20-54K	3 1/8	2 1/8	835	6204 ZZ	20	2 1/8	438
HTH 80x70/20-70K	3 1/8	2 3/4	1100	6204 ZZ	20	2 3/4	438
HTH 80x80/20-80K	3 1/8	3 1/8	1255	6204 ZZ	20	3 1/8	438
HTH 82x60/20-60K	3 7/32	2 11/32	970	6204 ZZ	20	2 11/32	438
HTH 82x65/20-65K	3 7/32	2 17/32	1035	6204 ZZ	20	2 17/32	438
HTH 82x70/20-70K	3 7/32	2 3/4	1120	6204 ZZ	20	2 3/4	439
HTH 82x82/20-86K	3 7/32	3 7/32	1320	6204 ZZV	20	3 7/32	439
HTH 82x100/20-100K	3 7/32	4	1605	6204 ZZ	20	3 15/16	439
HTH 85x75/20-75K	3 11/32	3	1255	6204 ZZ	20	2 15/16	439
HTH 85x90/20-90K	3 11/32	3 17/32	1495	6204 ZZ	20	3 17/32	440
HTH 85x95/20-100K	3 11/32	3 23/32	1585	6204 ZZV	20	3 15/16	440
HTH 85x100/25-100K	3 11/32	4	1670	6005 ZZ	25	3 15/16	440
HTH 85x110/25-110K	3 11/32	4 5/16	1850	6005 ZZ	25	4 5/16	440
<b>HTHW series</b>							
HTHW 82x60/20-64K	3 7/32	2 11/32	970	Ball bearing	20	2 1/2	442
HTHW 82x82/20-86K	3 7/32	3 7/32	1320	Ball bearing	20	3 3/8	442
HTHW 82x100/20-104K	3 7/32	4	1605	Ball bearing	20	4 1/2	442
HTHW 85x70/12-75K	3 11/32	2 3/4	1165	Ball bearing	12	2 15/16	442
HTHW 85x80/25-85K	3 11/32	3 1/8	1340	Ball bearing	25	3 11/32	442
HTHW 85x85/25-90K	3 11/32	3 11/32	1430	Ball bearing	25	3 17/32	443
HTHW 85x90/25-95K	3 11/32	3 17/32	1495	Ball bearing	25	3 23/32	443
HTHW 85x95/20-100K	3 11/32	3 23/32	1585	Ball bearing	20	3 15/16	443
HTHW 85x95/25-100K	3 11/32	3 23/32	1585	Ball bearing	25	3 15/16	443
HTHW 85x110/25-115K	3 11/32	4 5/16	1850	Ball bearing	25	4 1/2	443

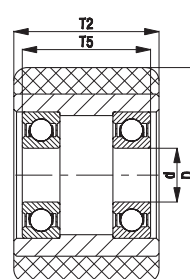
More options in the Bickie general catalog G15!

## Options

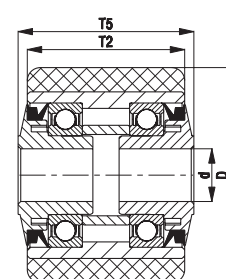


	With Bickie Softthane® polyurethane tread, 75° shore A	High dynamic tread with reduced rolling resistance	Further dimensions
<b>Product code</b>	<b>HST series</b>	<b>HB series</b>	
Available for	upon request	upon request	upon request

HTH series



HTHW series








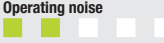

## HPO Series

### Nylon Rollers for Pallet Trucks

 1,320 - 2,420 lbs

 RoHS



<b>Tread &amp; tire hardness</b>		70° shore D
<b>Temperature resistance</b>		-15° F - +175° F
<b>Rolling resistance</b>		excellent
<b>Operating noise</b>		reasonable
<b>Floor surface preservation</b>		reasonable

#### HPO-pallet truck roller series:

Made of high-quality, impact-resistant nylon, 70° shore D hardness, very low rolling resistance, smooth running performance on even floors, high abrasion resistance, color natural white.

#### Bearing type:

- Ball bearing: Two pressed-in ball bearings, lubricated with long-life grease.

#### Other features:

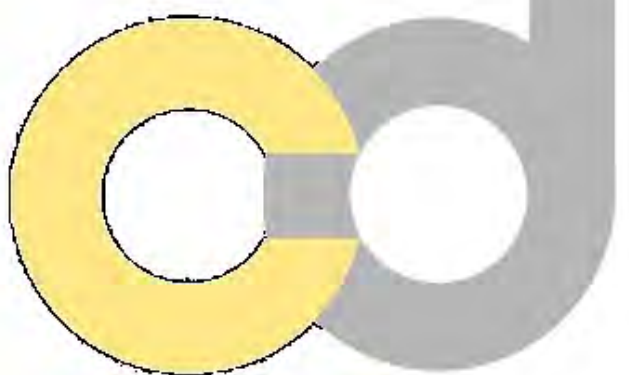
High chemical resistance to many aggressive substances.

Operating temperature: -15° F to +175° F.

At ambient temperatures above +95° F

the load capacity is reduced.

Maintenance-free under standard conditions.



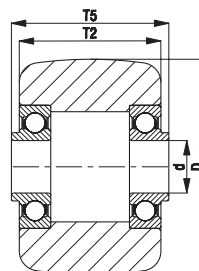
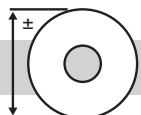
CasterDepot®

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Rollers for pallet trucks	Wheel Ø (D)		Wheel width (T2)		Load capacity		Ball bearing	Axle bore Ø (d) [mm]	Clamping length (T5)		G15 page
	[inch]	[mm]	[inch]	[mm]	[lbs]	[kg]			[inch]	[mm]	
HPO 80x61/20-67K	3 1/4	[80]	2 3/8	[61]	1320	[600]	6204 ZZV	20	2 3/8	[67]	444
HPO 80x70/20-76K	3 1/4	[80]	2 3/4	[70]	1430	[650]	6204 ZZV	20	2 3/32	[76]	444
HPO 82x54/20-60K	3 1/2	[82]	2 1/8	[54]	1320	[600]	6204 ZZV	20	2 11/32	[60]	444
HPO 82x70/20-70K	3 1/2	[82]	2 3/4	[70]	1540	[700]	6204 ZZ	20	2 3/4	[70]	444
HPO 82x80/20-80K	3 1/2	[82]	3 1/8	[80]	1760	[800]	6204 ZZ	20	3 1/8	[80]	444
HPO 82x100/20-100K	3 1/2	[82]	4	[100]	2200	[1000]	6204 ZZ	20	3 15/16	[100]	444
HPO 85x90/20-90K	3 11/32	[85]	3 17/32	[90]	2090	[950]	6204 ZZ	20	3 17/32	[90]	444
HPO 85x100/20-100K	3 11/32	[85]	4	[100]	2420	[1100]	6204 ZZ	20	3 15/16	[100]	444

More options in the Blicke general catalog G15!

Options



	Made of cast nylon for higher load capacities	With stainless steel ball bearing *	Further dimensions
<b>Product code suffix</b>	<b>GSPD series</b>	<b>-XK</b>	
Available for	upon request	upon request	upon request

\* Some dimensions will result in a reduced load capacity (consult factory for details)

## RTH, RB, REV Series

### Drive and Running Wheels for Stackers and Forklift Trucks



#### RTH-wheel series:

**Tread:** Made of high-quality, reaction-cast polyurethane-elastomer Bicklex Extrathane®, 92° shore A hardness, low-noise operation, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, color light brown, non-marking, non-staining, very good chemical connection with the wheel center.

**Wheel center:** Made of rugged gray cast iron or ductile cast iron.

#### RB-wheel series:

**Tread:** Made of high-quality, reaction-cast polyurethane-elastomer Bicklex Bestthane®, 92° shore A hardness, low-noise operation, low rolling resistance, **high dynamic load capacity**, good floor preservation, high abrasion resistance, high cut and tear propagation resistance, color brown, non-marking, non-staining, very good chemical connection with the wheel center.

**Wheel center:** Made of rugged gray cast iron.

#### REV-wheel series:

**Tires:** Made of superior drive-quality, elastic solid rubber, 70° shore A hardness, very high operational comfort, low-noise operation, very good floor preservation, abrasion resistance, color black.

**Wheel center:** Made of rugged ductile cast iron.



#### Product code

RTH 230x75/80-6

refer to G15 page 449

#### Product code

RTH 215x82/60-5

refer to G15 page 448

#### Product code

RTH 230x85/50-4

refer to G15 page 456

#### Product code

RB 250x100/80-5

refer to G15 page 456

#### Product code

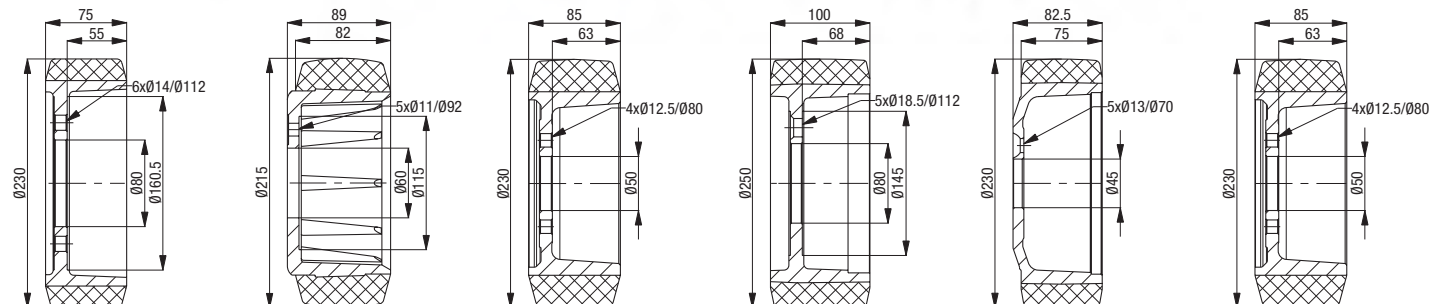
RTH 230x75/45-5

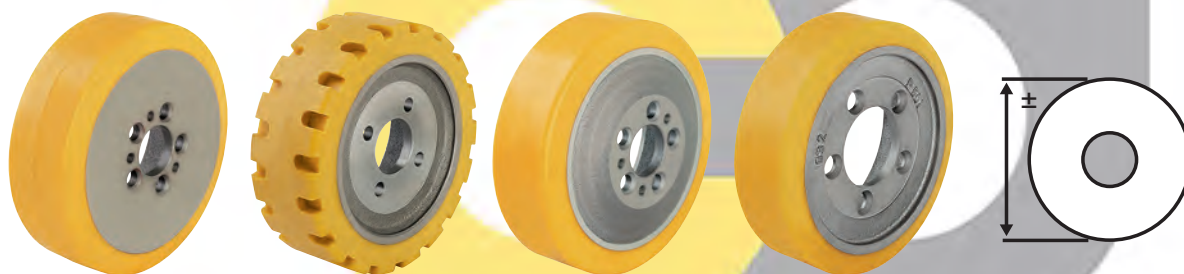
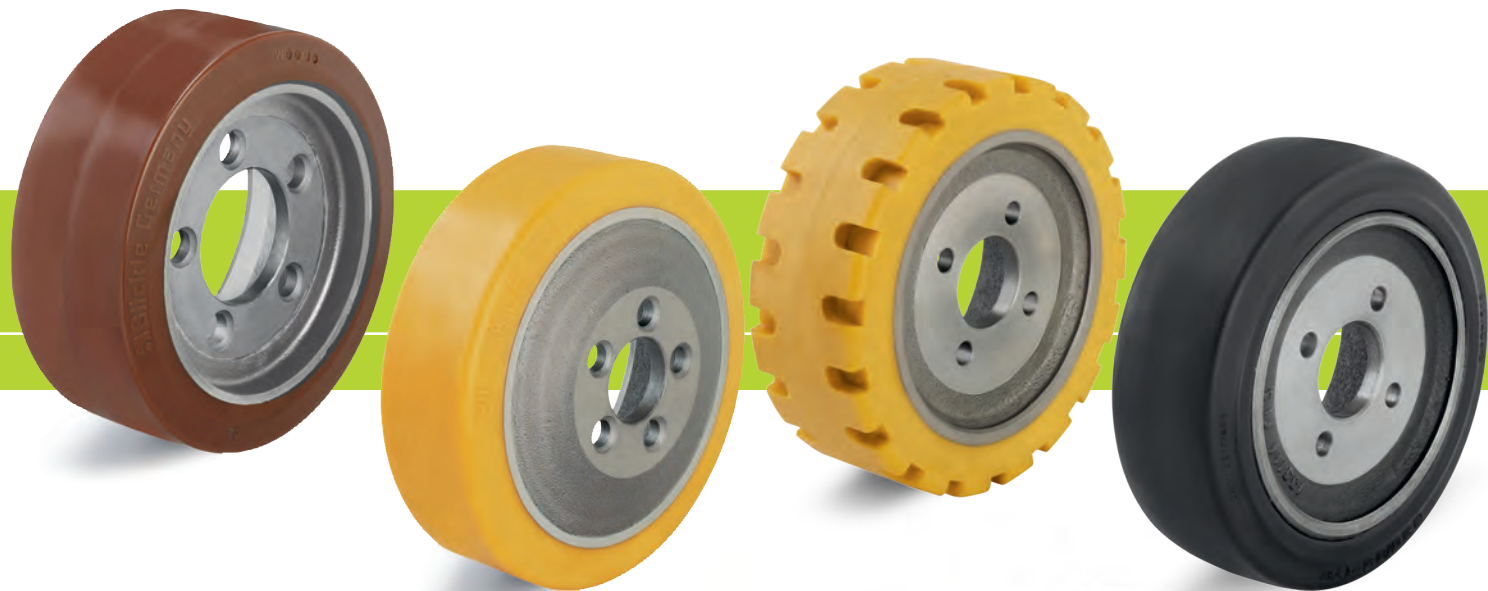
refer to G15 page 456

#### Product code

REV 230x85/50-4

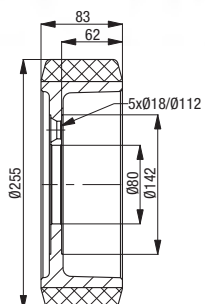
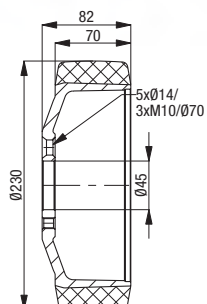
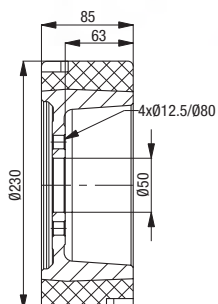
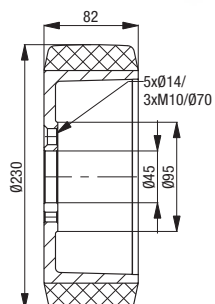
refer to G15 page 452





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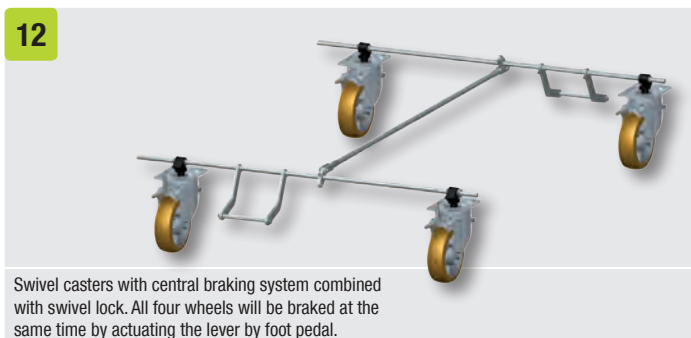
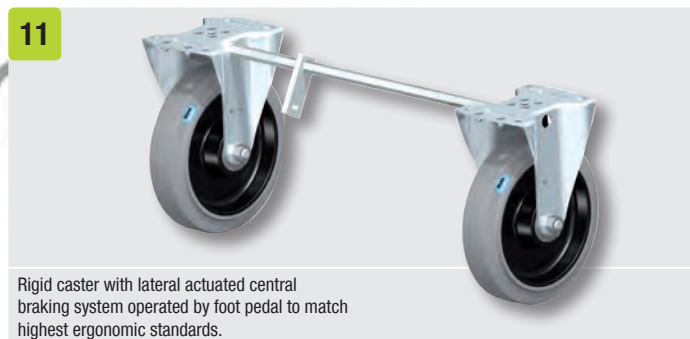
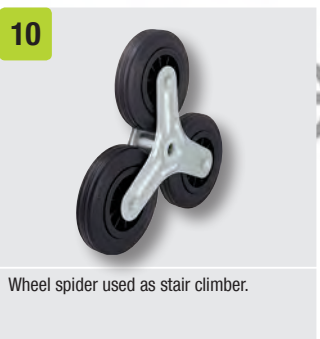
Product code	Product code	Product code	Product code	Further dimensions
RTH 230x82/45-5+3	RTH 230x85/50-4-GL	RTH 230x70/45-5+3	RTH 255x83/80-5	upon request
refer to G15 page 453	refer to G15 page 452	refer to G15 page 449	refer to G15 page 457	refer to G15 page 448-457





## Specials

In addition to our standard range, we supply many tailor-made solutions for customer-specific applications. These individual solutions are developed in close cooperation with our customers. State-of-the-art technology such as development tools (3D-CAD), linear and non-linear finite element and simulation programs, flexible and powerful production equipment, precise measuring and testing equipment, close relationships with established institutes as well as our many years of experience as manufacturers ensure the development of high-quality wheels and casters. Our wide range of standard products allows us to realize solutions for customer-specific problems often from standard parts, so even custom-built versions can be produced cost-effectively. Minimum quantities may be required for a special version, which may vary depending on the wheel or caster design. Please ask for a quote, giving technical requirements and quantities required. The products mentioned below show a small selection from our versatile range of special versions.



## Blickle Product Code System

The Blickle product code system is structured as follows:

### Wheels

Each Blickle wheel series is initially defined by a letter or letter combination. The succeeding figure generally indicates the wheel diameter, the figure after the backslash indicates the axle bore diameter (both in mm). The hub length (in mm) is indicated by an occasionally added third figure after the hyphen. The final letters **G**, **R** and **K** indicate the respective bearing (plain bore, roller bearing or ball bearing). Possible further letter combinations indicate options.

<b>Product code:</b> <b>ALBS 200/20K-CO</b>	ALBS	200	20	K	CO
Wheel series: Heavy duty wheels with Blickle Bestthane Soft polyurethane tread					
Wheel diameter: 200 mm [8"]					
Axle bore diameter: 20 mm					
Wheel bearing: Ball bearing in the wheel hub					
Option: With extra crowned running tread					

### Swivel and Rigid Casters

Each Blickle swivel caster rig series is initially defined by an '**L**' or '**HR**' for levelling casters, each Blickle rigid caster rig series by a '**B**' in the letter combination.

The product codes for swivel and rigid casters are therefore composed of the rig code and the wheel series code. The succeeding number generally indicates the wheel diameter (in mm) 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 options.

<b>Product code:</b> <b>LEH-POEV 160K-14-FI-SG</b>	LEH	POEV	160	K	14	FI	SG
Rig series: Pressed steel swivel rig, heavy duty design							
Wheel series: Heavy duty elastic rubber wheel							
Wheel diameter: 160 mm [6 5/16"]							
Wheel bearing: Ball bearing in the wheel hub							
Fitting: Top plate No. 14 (4" x 4 1/2")							
Option: 'stop-fix' brake							
Option: Non-marking gray rubber tire							

### Options

With options, e.g. special tires (non-marking gray, electrically conductive, etc.), various brake systems, thread guard, etc., the product code is extended by further letters and / or numbers. These are listed on the various catalog pages under 'Options' (refer to 'Product code suffix').

## Blickle Product Information

In accordance with the manufacturer's liability obligation of his products as defined in the German Liability Law (4 ProdHaftG) and Equipment and Product Safety Act (4 para 2 GPSG, EU-directive 2011/95/EC) all information given in this catalog regarding Blickle products 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 casters 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 casters, particularly to passively steering casters (swivel casters), 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 casters 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 casters must be fitted with their swivel axles in vertical direction.
- e) Rigid casters must be fitted with their wheel axles in alignment.
- f) Only swivel casters of the same type may be fitted to an object. If rigid casters are also fitted, only casters recommended for such fitting by the manufacturer may be used.
- g) Swivel casters with stem or bolt hole fitting: The load capacities indicated are only attained if the entire diameter of the top plate of the swivel caster is in contact with the appliance or equipment.

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.

When products are used in a temperature range which is not stated within the catalog for standard products, an approval for a special version is required. Under no circumstances must standard products with nominal load be used under such conditions.

Wheels, rigs, 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 casters for purposes other than specified as intended use is for example if:

- a) Wheels and casters are used with higher load capacities than those specified in the catalog.
- 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 tires.
- h) Wheels and casters are used at excessive speeds.
- i) Modifications not approved by the manufacturer.

### 3.0 Product Specifications

Where no product specifications are contained in our catalogs, brochures, specification sheets, etc., the requirements placed upon our wheels and casters 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 casters 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.

Casters and caster 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: Catalogs with product and user information
- For the processing sector: Catalogs with product and user information
- For the user: Product and user information

For assurance of the wheels' and casters' functionality:

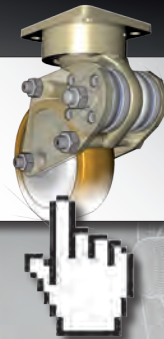
- The trade sector is obliged to observe the specifications of this product information (Sections 1.0 - 5.0) as well as those of the user information, to obtain them from the manufacturer if required, and to forward them to the processing unit.
- The processing sector is obliged to observe the specifications 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, conversions from metric to imperial standards etc. are subject to changes and are therefore non-binding.**

General terms and conditions are available at [www.blickle.com](http://www.blickle.com)



Three choices in which to find the perfect solution:  
[www.blickle.us.com](http://www.blickle.us.com)



**FREE CAD  
DOWNLOAD**

#### **The Blickle General Catalog G15.**

**More than 500 pages with a variety of more than 30,000 wheels and casters.**

Test Blickle's competence and capability yourself and order our General Catalog G15 by calling the following number: 888-558-7878 or via the internet at [www.blickle.us.com](http://www.blickle.us.com).

#### **FREE CAD-Download Service.**

CAD files of more than 30,000 wheels and casters are available for instant download with no charge. We offer ACIS (3D), IGES (3D), Parasolid (3D), and STEP AP203/AP214 (3D) files. Once registered, you have free access to all data.

#### **The Blickle Product Finder.**

**Find the correct product in just 4 easy steps:**

- Select basic product
- Highlight the relevant selections
- Refine your search
- Compare results and print them off

