



WHEELS & CASTORS

WHEELS & CASTORS

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product // **theme**

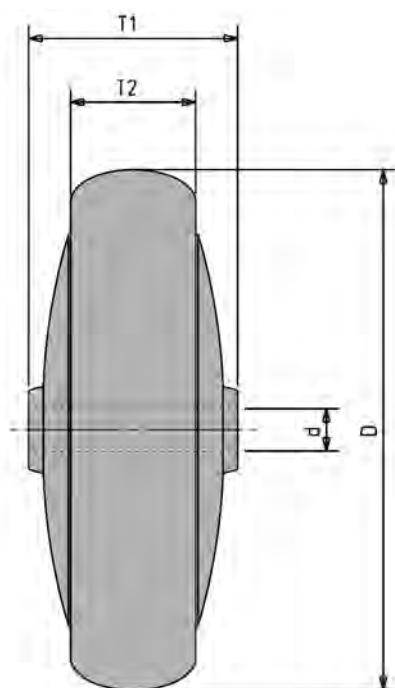
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Wheels

Depending on their design, wheels can have very different rolling properties, resistances and load carrying capacities. They are made up of individual components: such as a press-on tire/tread or wheel, a rim or wheel body and a bearing.

The characteristics of the wheel depend on the various treads and rim components. The type of bearing also influences the load-carrying capacity, rolling characteristic, and rolling resistance of the wheel.

T1 = hub length
T2 = wheel width
D = wheel diameter
d = axle hole diameter



Bearing

Plain bearing: Simple, low-maintenance and impact-resistant bearing. No further bearing bushes are used in wheels made from polyamide or cast iron, since these materials have good gliding properties.

Roller bearing: Sturdy, resistant, low-maintenance bearing. The most commonly used bearing for equipment that moves at low speeds. Featuring minimal rolling resistance.

Ball bearing: Smooth running for continuous use – even under heavier loads and at higher speeds. Ball bearings are mainly used in technically demanding equipment rollers.

Determining factors when selecting wheels and rollers

1. Tires

The type of tire is very important when selecting the proper wheel or roller because the load-carrying capacity and rolling resistance depend on it. Thus the wheels and rollers listed in this catalog are categorized according to the main criterion of tire type.

2. Operating conditions

The condition of the traveling surface determines the tire quality and the wheel diameter. We recommend using large-diameter, elastic wheels for uneven surfaces.

The service life and the functionality of a wheel, roller or castor depends on, among other things, the extent to which the used materials or their surface finishes can withstand the effects of corrosion, temperature, and chemical substances.

Steel, which is normally used in the production of wheels and castors, has hardly any resistance to humidity when it does not have a protective coating. The steel is then slowly destroyed by corrosion. This is why the surfaces of the

wheel and castor components feature a protective layer.

Apart from the degree of resistance offered by the different surface finishes, you must also consider that these protective layers can be damaged by mechanical influences.

Parts which are protected by special coatings will provide reduced corrosion protection when their protective coatings are damaged. Rust also starts to infiltrate the intact layer of coating located near the damaged area. When there is only minor damage, galvanized layers are advantageous because the zinc material provides corrosion protection.

This is because the zinc portion of the zinc/steel combination corrodes first as a result of the electrochemical processes, and the bare area is not affected. The individual galvanized components are subjected to a supplementary chemical treatment referred to as chromating or passivation.

There is a difference between blue and yellow chromate finishes: the yellow chromate finish provides a greater de-

gree of protection against moisture than the blue chromate finish.

Stainless steel provides good corrosion resistance. The predominant material (in 1.4301/AISI 304) is an 18-percent chromium-nickel steel alloy.

Chemical resistance

The chemical resistance of a castor or roller must be considered whenever aggressive media may come into direct contact with any components. The table on the following pages lists the different chemical resistances of materials used for tire treads and wheel bodies.

The data in our tables should only be used as guidelines. The chemical resistance properties are not only dependent on the type of reacting chemical, but also on the chemical concentration, duration of contact, and environmental conditions such as temperature and humidity. Please contact us for advice if you are in any doubt about usage.

Caution: Mixtures of chemicals can have completely different influences than the data specified in the table. We accept no legal liability.

The required load capacity can be calculated using the following formula:

$$\frac{\text{Weight of the equipment} + \text{absolute maximum payload}}{3} = \text{required load per castor when using 4 castors}$$

Temperature resistance

The functionality of a wheel or castor also depends on the influence of temperature. The temperature specifications for the treads are derived from the interaction of the ambient temperature and the heat caused by flexing.

If plastic wheels, rims, or wheel bodies are being used, then temperature influences must be considered when selecting the proper material and bearing type. The load-carrying capacity and degree of stability are affected by cooling and heating.

The load-carrying capacity and the service life of treads decrease significantly at higher temperatures; this is why special treads and wheel materials have been developed for use at higher temperatures.

3. Load-carrying capacity

Use the following formula to calculate the load-carrying capacity for the product you have selected: Total weight of the equipment (= weight + payload) divided by 3 (often only three of four wheels have contact with the ground on uneven surfaces). Driving over obstacles can also cause temporary overloading.

The load-carrying capacities for wheels, castors and rollers that are specified in this catalog are valid for driving speeds up to 4 km/h when used on even, smooth surfaces at ambient temperatures between +10°C and +30°C. All dimensions, load-carrying capacities, tolerances, and true running accuracies correspond to the following standards: EN 12527 – 12533, DIN 7845.

Please also observe the prohibition symbols.

The load-carrying capacities are valid at driving speeds of 4 km/h on even surfaces. The load-carrying capacities that are specified for rollers, castors and wheels in this catalog are static-dynamic load values.

4. Type of usage and duration

Your application type and the length of time a wheel, roller or castor will be used are the criteria for selecting the proper bearing type.

Wheel bearings can be either: plain bearings, roller bearings or ball bearings.

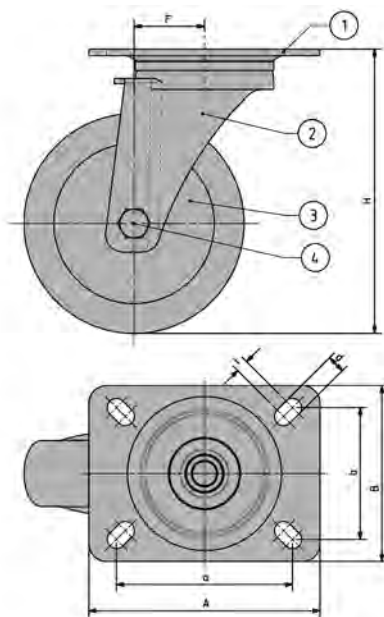
5. Starting and rolling resistances

The starting and rolling resistances are determined by the force required to move a vehicle. These resistances are dependent on the wheel material, the wheel diameter, the nature of the tread, the bearing element, and the load.

The larger the wheel diameter, the lower the rolling resistance. Wheels with polyamide and polyurethane tire treads attain the lowest starting and rolling resistances on even surfaces.

6. Technical note

We reserve the right to make technical changes.



Swivel castor with plate

Designations

- 1 = mounting plate
- 2 = swivel fork
- 3 = wheel
- 4 = wheel axle

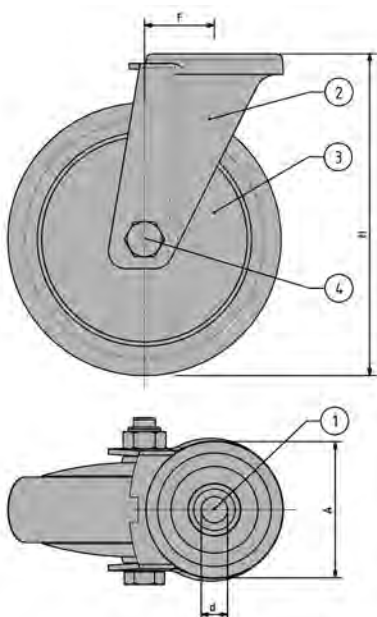
Dimensions

- H = total height / installation height
- F = projection
- A, B = plate size
- a, b = screw hole spacing
- d = screw hole diameter

Castors

The term castors refers to non-driven components which consist of at least one wheel and a housing. We distinguish between swivel castors and fixed castors. Swivel castors allow a constant change of direction via a bearing which is built into the housing.

Swivel castors can also be fitted with brakes that can lock the wheel movement, pivoting motion, or both at the same time. Fixed castors, on the other hand, are characterized by directional stability and cannot be pivoted.



Bolt-hole swivel castors

Designations

- 1 = bolt hole
- 2 = swivel fork
- 3 = wheel
- 4 = wheel axle

Dimensions

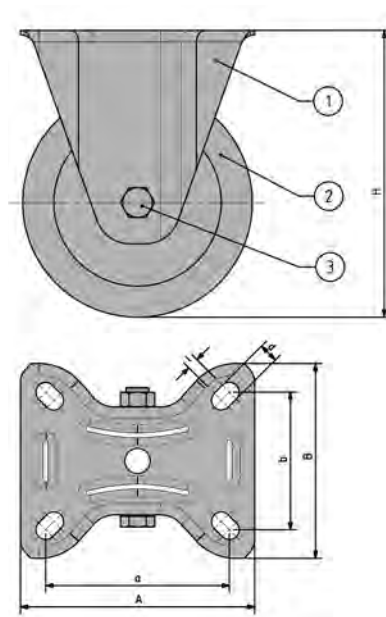
- H = total height / installation height
- F = projection
- A = plate size
- d = bolt hole diameter

Swivel castors

Swivel castors can be fitted with locking mechanisms for locking the following functions:

- The rotating motion of the wheel (wheel brake)
- The rotating motion of the wheel and the pivoting motion of the fork (wheel and swivel brake)
- The pivoting motion of the fork (directional brake)

The best fastening mechanisms have proven to be mounting plates, steel stems for tubes, as well as screw attachment using the bolt hole located in the swivel housing.



Fixed castors

Designations

- 1 = fixed housing
- 2 = wheel
- 3 = wheel axle

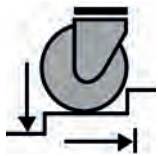
Dimensions

- H = total height/installation height
- A, B = plate size
- a, b = screw hole spacing
- d = screw hole diameter

Fixed castors

Fixed castors do not swivel; they provide machinery and equipment with directional stability. Screw-on mounting plates have proven their worth as secure fastening mechanisms.

Failure symbols



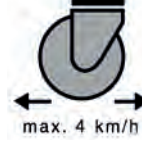
Overload
caused by impact
and fall



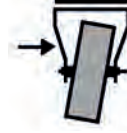
Overload
caused by
uneven surfaces



Overload
caused by movement
when in a locked
position



Overload
caused by
excessive speed



Overload
caused by
lateral force



Overload
caused by
chemical agents



Overload
caused by
thermal effects



Overload
caused by load-
bearing capacity



Danger Symbol
caused by structural
alterations that have
not been approved
by the manufacturer

Pictograms used in this catalogue



Wheel Ø



Construction
height



Wheel hole



Projection



Castors Ø



Roller width



Axle



Plate size



Screw hole
spacing



Screw hole Ø



Total length
with axis



Axle thread



Wheel width



Groove width



Groove depth



Rim Ø



Clamping length



Hub length



Hub Ø



Load-carrying
capacity



Plain-, roller-,
ball bearing

Chemical resistance

	conc. %	Rubber	Polyamide	Polyurethane
sewage			+	♦
acetaldehyde	40	♦	♦	-
acetone		+	+	-
acetylene		+	+	+
acrylic acid > 30°C			-	-
ethanolamine				-
ether			+	+
ethyl acetate		♦	+	-
ethyl alcohol		+	♦	+
ethylene				+
caustic potash				-
caustic soda				-
alkyl benzenes			+	
alkyl alcohol		+	♦	-
aluminium acetate			+	
formic acid	10	♦	-	-
amine, aliphatic			+	
amino acid mix			+	
malic acid			+	♦
ammonia, liquid	20	+	+	-
ammonium salts			+	
ammonium bicarbonate			+	
ammonium carbonate		+		-
ammonium thiocyanate			+	
ammonium hydroxide				-
ammonium nitrate		♦		+
ammonium sulfate		♦		+
amyl acetate		+	+	-
amyl alcohol		+	+	♦
aniline		-	♦	-
anthraquinone, 85°C			+	
barium salt		+	♦	+
cottonseed oil				+
benzene, petroleum ether		-	+	+
beer		+	+	+
bitumen		-	+	+
lead acetate, aq.	10	♦	+	+
lead nitrate		+		+
borax		+		+
boric acid, aq.	10	+	♦	+
bromine		-	-	-
butter		-	+	+
butane		-	+	+
chlorine, chlorine water		-	-	-
carbolineum		-	+	-
citrus oils			+	
casein			+	
chromic acid, aq.	10	-	♦	♦
clophen		-	+	-
cobalt salt, aq.	20		♦	
cyclohexanol			+	
diethylene glycol		+	+	+
dichlorobenzene		-	+	-
dichlorobutylene		-		-
dimethyl ether		♦	+	+
dimethylaniline				-
dimethyl formamide		♦	+	-
diphyl, 80°C			+	-

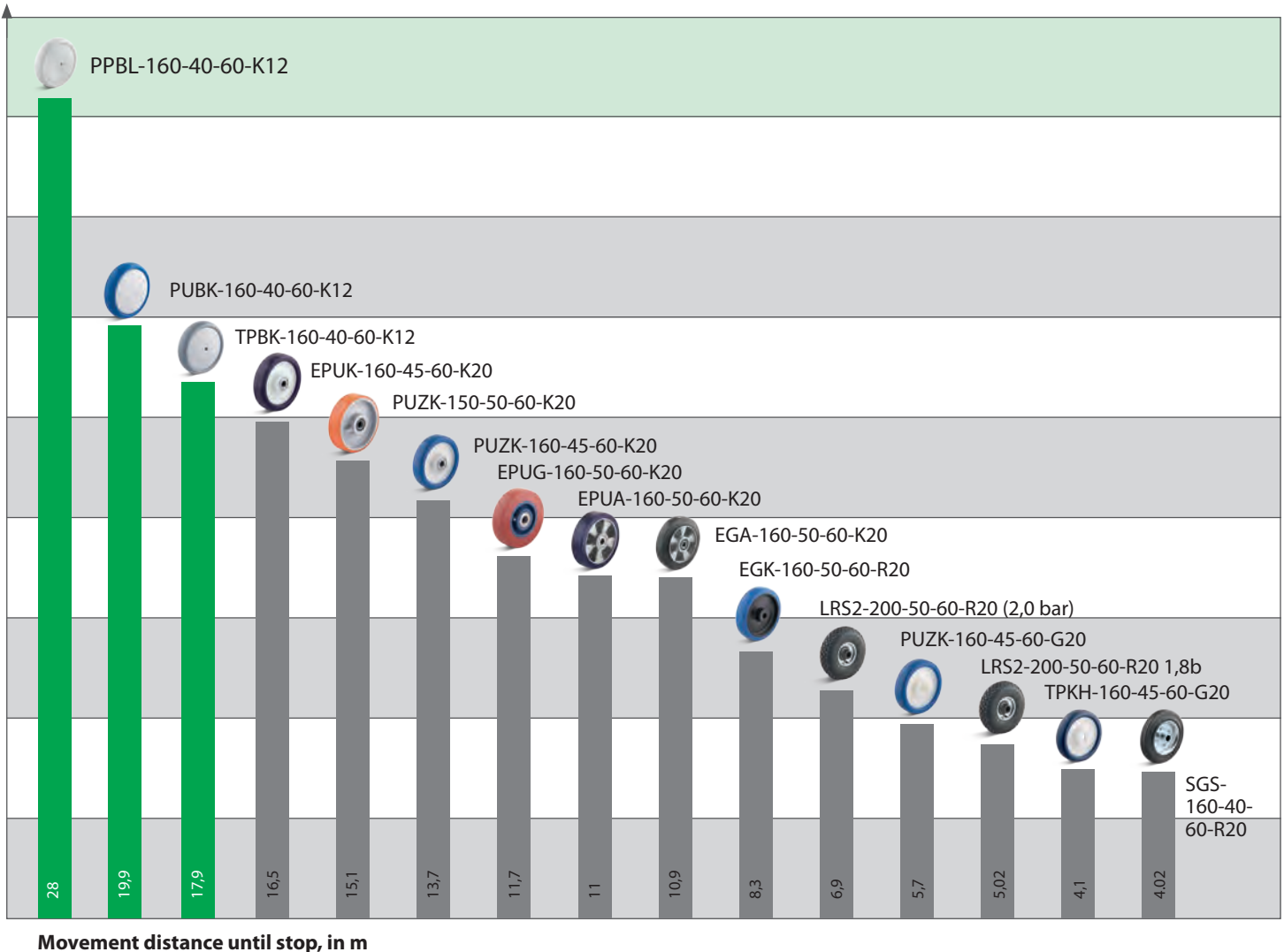
	conc. %	Rubber	Polyamide	Polyurethane
noble gases			+	
glacial acetic acid		♦		-
ferric chloride, acid	10	♦	-	♦
ferric sulfate				+
descaler, aq.	10		+	
mineral oil		-	+	+
acetic acid	30	-	+	-
formaldehyde	30	+	+	♦
furfural			+	-
fatty acids			+	+
pine needle oil		-		+
fluorine		-	-	-
faormamid, purely		+	+	♦
gelatone				+
glucose		+		+
glycerol		+	+	+
glycol		+	♦	♦
uric acid, aq.	10	+	+	
hydraulic fluids		-	+	-
hexane		-	+	+
isopropylchloride		-		-
isoprophyl ether		+	+	+
iodine tincture		+	-	-
potassium chloride	10	♦	+	+
potassium cyanide				♦
potassium hydroxide			+	-
potassium sulphate		+		+
calcium salts				♦
cresols			-	+
aqua regia		-	-	-
carbon monoxide, hot			+	+
carbonic acid				+
coconut oil		-	+	+
copper chloride		+		+
copper salts, aq.	10		-	+
copper sulfate		♦	♦	+
glue				+
mixed acids		-	-	-
manganese salts	10		♦	
magnesium salts, aq.	10		+	+
methyl alcohol		♦	♦	+
methylene chloride		-	-	-
methyl ethyl ketone		-	-	-
methylpyrrolidone				-
mineral oil		-	+	+
monobromobenzene		-		-
mortars, cements, lime		+	+	
milk		+	+	+
caustic soda	50	+	♦	-
naphthalene		-	+	-
sodium chloride, aq.	10	♦	+	+
sodium cyanide, aq.	10		+	-
sodium hydroxide, aq.				-
sodium carbonate, aq.				-
sodium nitrate, aq.	10	+	+	+
sodium phosphate, aq.	10	+	+	+
sodium silicate, aq.	10	+	+	♦
sodium sulfide, aq.	10	+	+	+

	conc. %	Rubber	Polyamide	Polyurethane
sodium sulfide, aq.	10	♦	+	♦
sodium thiosulfate	10	+	+	♦
nickel chloride, aq.	10	+	♦	+
nickel salts, aq.	10		♦	+
nickel sulfate, aq.	10	♦	♦	+
oleic acid		-	+	+
ozone		-	♦	+
oxalic acid, aq.	10		♦	
paraffin		-	+	+
vegetable oils		-	+	+
palmitic acid			+	-
phosphoric acid, aq.	10	♦		
phenylethylether		-		+
phenylbenzene		-		-
propane		-	+	+
propyl alcohol				+
mercury		+	+	+
mercury chloride			-	+
rizinus oil				+
flue gas				-
hydrochloric acid, aq.	30	♦	-	-
sulfurous acid		♦	♦	-
mustard				+
silver nitrate		♦		+
sodium carbonate, aq.	10	+	+	
road salt (solutions)			+	
stearic acid		-	+	-
turpentine oil		-	+	♦
tannic acid	10	+		
carbon tetrachloride		-	+	-
toluene		-	+	-
trichlorethylene		-		-
ink, indian ink		+	+	+
uranium fluoride			-	
urine		+	+	
vaseline			+	
vinyl chloride, 80°C			+	
wax, 80°C			+	
wash liquors, 80°C		+	+	♦
water, cold		+	+	+
water up to 80°C		♦	+	-
water (seawater)		+	+	♦
tartaric acid, aq.	10	+	+	
xylene		-	+	-
zinc chloride, aq.	10	+	♦	-
zinc thiocyanate	30		-	
citric acid, aq.	10	+	+	

+ resistant
♦ limited resistance
- not resistant

This table is not
legally binding.

Rolling resistance diagram



Test setup

- Descent ramp with a height of 300 mm and length of 2500 mm.
- Run-off on smooth, clean industrial floor.
- Transportation equipment: Chassis with four parallel fixed castors aligned in the direction of travel (160 mm diameter).
- Test weight of 200 kg in a EURO pallet cage, center loaded.
- Normal room temperature: 22 °C, dry.

Test result

Torwegge's light-running series achieved top values during the measurement test:

The polypropylene wheels (PPBL) ran the longest distance, followed by the polyurethane wheels (PUBK) and the wheels made of thermoplastic rubber (TPBK).

The elastic polyurethane series achieved average results. The standard solid rubber wheels ended up last.

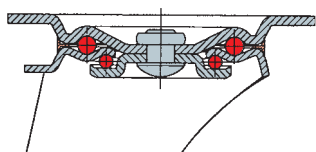


“Our thermoplastic light-running products roll effortlessly, offer an outstanding price-performance ratio, and have an innovative design”

Versions of housings

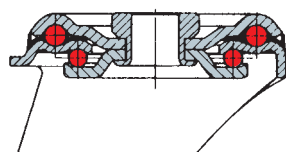
Series IS

- standard steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer plate mounting



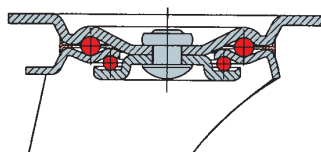
Series IS-OB

- standard steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer bolt hole



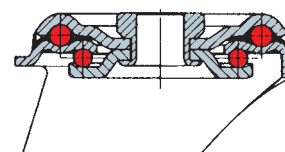
Series IL

- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer plate mounting



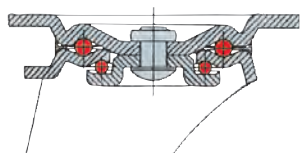
Series IL-OB

- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- bolt hole



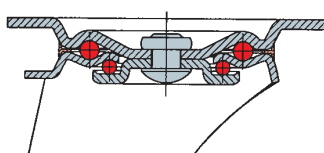
Series IT und HT

- steel sheet housing, shiny galvanized
- fork head with double ball bearing
- with temperature-resistant grease



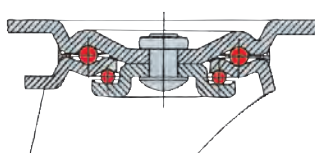
Series IP

- heavy, pressed steel plate housing, galvanized
- fork head with double ball bearing



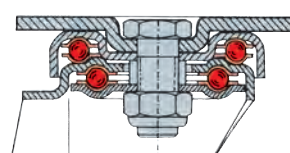
Series IM

- heavy steel plate housing, galvanized
- fork head with double ball bearing



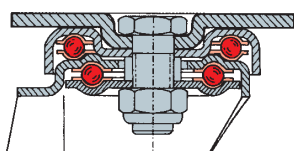
Series IH

- heavy steel plate housing, galvanized
- fork head with double ball bearing and hardened bearing shells, extra resistant to shock and impact



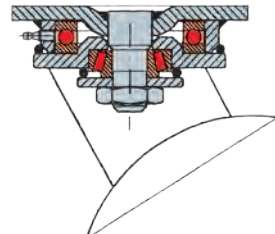
Series HO

- heavy steel plate housing, galvanized
- for wheel diameters of 250 mm or larger, housing with steel welded construction
- fork head with double ball bearing and hardened bearing shell, extra resistant to shock and impact



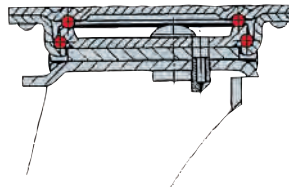
Series HD

- heavy welded steel construction, painted black
- fork head with sealed axial rib ball bearing and partially tapered roller bearing, can be lubricated



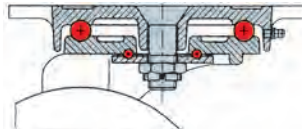
Series IG

- reinforced steel plate housing, galvanized
- fork head with double ball bearing and hardened bearing shells with seal, can be lubricated
- fork head without center pin



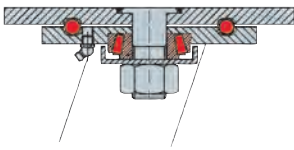
Series CI

- made of high-quality malleable cast iron, painted
- heat resistant: up to +180° c
- fork head with double ball bearing
- very tough and excellent resistance to fracturing
- housing can be lubricated



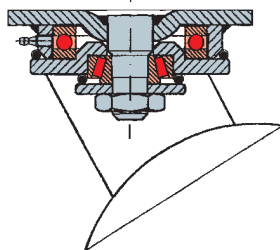
Series HL

- heavy welded steel construction, galvanized
- fork head with hardened bearing
- shells and tapered roller bearing, can be lubricated
- center pin screwed and secured



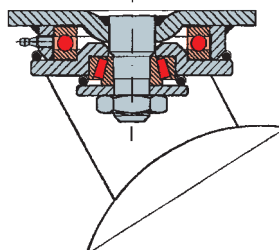
Series HB

- heavy welded steel construction, galvanized
- fork head with sealed axial rib ball bearing and tapered roller bearings, lubrication nipple
- center pin is screwed and secured



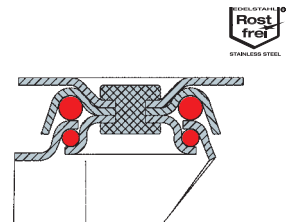
Series HS

- very sturdy welded steel construction, protected against dust and splashed water
- can be lubricated, bolted and secured with sturdy center pin wheel axle is screwed on
- housings up to wheel diameter of 150 mm galvanized; wheel diameters above 200 mm are painted black



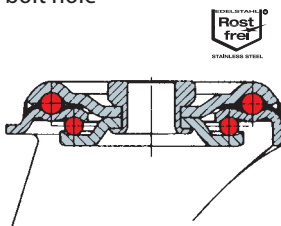
Series AV

- lightweight stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid



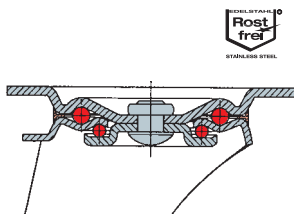
Series AV-OB

- lightweight stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- bolt hole



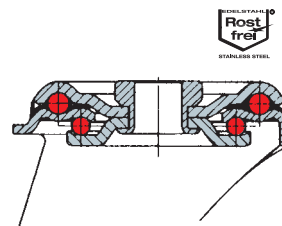
Series IV

- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid



Series IV-OB

- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- bolt hole



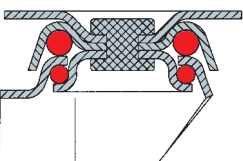
Series MV

- extra heavy stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid



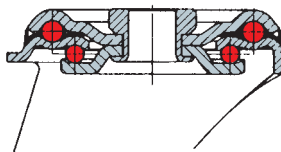
Series AL und AD

- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing



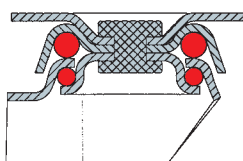
Series AL-OB und AD-OB

- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing
- bolt hole



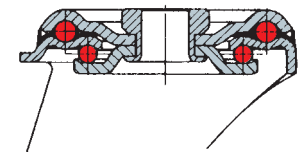
Series AH

- heavy, pressed apparatus housing, galvanized
- fork head with double ball bearing



Series AH-OB

- heavy, pressed apparatus housing, galvanized
- fork head with double ball bearing
- bolt hole



INDUSTRIAL WHEELS



SERIES	SGS/SGK	EGK/EGKD/ EGA/EGG/EGS	TPBK/TPKH	PUBK/PUZK/ PUZA/PUZG	EPUK/EPUA/ EPUG	GPSK/GPK/ GPS
LOAD- CARRYING CAPACITY	up to 475 kg	up to 7,800 kg	up to 450 kg	up to 4,500 kg	up to 1,250 kg	up to 200 kg
WHEEL Ø	80 mm - 400 mm	80 mm - 620 mm	80 mm - 250 mm	80 mm - 500 mm	80 mm - 300 mm	100 mm - 400 mm
MATERIAL/ TIRES	solid rubber	elastic- solid rubber	thermoplastic	polyurethane	elastic- polyurethane	foamed polyurethane
BEARING	plain bearing, roller bearing	roller bearing, ball bearing	plain bearing, ball bearing	plain bearing, ball bearing	plain bearing, ball bearing	plain bearing, roller bearing, ball bearing
PAGES	22	29	36	40	49	52



	LRK/LRS	PPW/PPS/ PPBL/PPH	PAL/PALB/ PAM/PAH/ GPA	GGG/GGK	STS	HGK/HDK
	up to 1,100 kg	up to 400 kg	up to 5,000 kg	up to 1,250 kg	up to 10,000 kg	up to 300 kg
	150 mm - 540 mm	80 mm - 250 mm	65 mm - 300 mm	80 mm – 250 mm	75 mm – 300 mm	80 mm - 200 mm
	pneumatic tires	polypropylene	polyamide, cast polyamide	cast iron	steel	solid rubber, plastic
	plain bearing, roller bearing, ball bearing	plain bearing, roller bearing, ball bearing	plain bearing, roller bearing, ball bearing	plain bearing, ball bearing	plain bearing, ball bearing	plain bearing, ball bearing
	54	72	76	90	94	98



“Wide variety”



Solid rubber wheels for universal use

The material solid rubber is especially suitable for uneven and hard floors because of the soft and elastic tread. Our solid rubber wheels are available with different shore hardness, tires, wheel center and bearings. Floor contact staining can occur with these black tyres through plasticizer diffusion.

Properties

- 🔊 run quietly
- 🔧 robust
- 💰 inexpensive
- 🛡️ shock-resistant
- 📉 absorbs vibration



Shore hardness

approx. 65-85° Shore A

Temperature range

solid rubber can be used from -30° C to +80° C
at temperatures above +30° the load carrying capacity

Bearing types

- 🔧 plain bearing (through hole)
- 🔧 roller bearing
- 🔧 ball bearing
- 🔧 precision bore and keyway groove

areas of use // floors





Features:

- SGS wheels:
- wheel body made of steel center with roller bearing
- tread made of odorless standard solid rubber tires, black, approx. 80° – 85° shore A

Properties:

- runs quietly
- affordable
- absorbs vibration
- also available with grey tires
- (old designation: 522)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
SGS-080-25-40-R12 Ident No.: 0013140	80	25	12	40	50
SGS-100-30-40-R12 Ident No.: 0013149	100	30	12	40	70
SGS-125-38-50-R15 Ident No.: 0013159	125	38	15	50	100
SGS-125-38-44-R15 Ident No.: 0013160	125	38	15	44	100
SGS-140-37-49-R20 Ident No.: 0013181	140	37	20	49	120
SGS-160-40-60-R20 Ident No.: 0013190	160	40	20	60	135
SGS-180-50-60-R20 Ident No.: 0013224	180	50	20	60	170
SGS-180-50-58-R25 Ident No.: 0037081	180	50	25	58	220
SGS-200-50-60-R20 Ident No.: 0013231	200	50	20	60	205
SGS-225-55-58-R20 Ident No.: 0013254	225	55	20	58	250
SGS-225-55-58-R25 Ident No.: 0013256	225	55	25	58	250
SGS-250-60-75-R25 Ident No.: 0013257	250	60	25	75	295
SGS-280-70-75-R25 Ident No.: 0013325	280	70	25	75	385
SGS-400-75-75-R25 Ident No.: 0013330	400	75	25	75	475

Suitable castors can be found on page 115

Matching accessories can be found on page 432

floors**Features:**

- SGK wheels:
- wheel body made of plastic with roller bearing
- tread made of odorless standard solid rubber tires, black, approx. 80° – 85° shore A

Properties:

- runs quietly
- affordable
- absorbs vibration
- also available with grey tread
- (old designation: 522/.../KU)



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
SGK-080-25-40-R12 Ident No.: 0013144	80	25	12	40	50
SGK-100-30-40-R12 Ident No.: 0013154	100	30	12	40	70
SGK-125-38-50-R15 Ident No.: 0013166	125	38	15	50	100
SGK-140-36-49-R15 Ident No.: 0013184	140	36	15	49	120
SGK-150-40-48-R15 Ident No.: 0013189	150	40	15	48	130
SGK-160-40-60-R20 Ident No.: 0013195	160	40	20	60	135
SGK-180-45-60-R20 Ident No.: 0013226	180	45	20	60	180
SGK-200-50-60-R20 Ident No.: 0013239	200	50	20	60	205
SGK-250-50-60-R20 Ident No.: 0013258	250	50	20	60	250
SGK-250-60-75-R25 Ident No.: 0013265	250	60	25	75	295
SGK-250-60-75-R20 Ident No.: 0013266	250	60	20	75	295

Suitable castors can be found on page 118

Matching accessories can be found on page 432



Features:

- SGS-grey wheels:
- wheel body made of steel sheet with roller bearing
- tread made of odorless standard solid rubber tires, grey, approx. 80° – 85° shore A

Properties:

- non-marking
- runs quietly
- affordable
- absorbs vibration
- (old designation: 522/.../BG)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
SGS-080-25-40-R12-grey Ident No.: 0013141	80	25	12	40	50
SGS-100-30-40-R12-grey Ident No.: 0013150	100	30	12	40	70
SGS-125-38-44-R15-grey Ident No.: 0013162	125	38	15	44	100
SGS-125-38-50-R15-grey Ident No.: 0013161	125	38	15	50	100
SGS-140-38-48-R20-grey Ident No.: 0013182	140	38	20	48	120
SGS-160-40-60-R20-grey Ident No.: 0013192	160	40	20	60	135
SGS-180-48-58-R20-grey Ident No.: 0013225	180	48	20	58	180
SGS-200-50-60-R20-grey Ident No.: 0013236	200	50	20	60	200
SGS-250-60-75-R25-grey Ident No.: 0013262	250	60	25	75	295

Suitable castors can be found on page 121

Matching accessories can be found on page 432

floors**Features:**

- SGK-grey wheels
- wheel body made of plastic with roller bearing
- tread made of odorless standard solid rubber tires, grey, approx. 80° – 85° shore A

Properties:

- non-marking
- runs quietly
- affordable
- absorbs vibration
- (old designation: 522/.../KUBG)



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
SGK-080-25-40-R12-grey Ident No.: 0013145	80	25	12	40	50
SGK-100-30-40-R12-grey Ident No.: 0013155	100	30	12	40	70
SGK-125-38-50-R15-grey Ident No.: 0013168	125	38	15	50	100
SGK-140-37-49-R15-grey Ident No.: 0013186	140	37	15	49	120
SGK-150-40-48-R15-grey Ident No.: 0039372	150	40	15	48	120
SGK-160-40-60-R20-grey Ident No.: 0013198	160	40	20	60	135
SGK-180-50-60-R20-grey Ident No.: 0030904	180	50	20	60	170
SGK-200-50-60-R20-grey Ident No.: 0013241	200	50	20	60	200
SGK-250-60-75-R25-grey Ident No.: 0013267	250	60	25	75	295

Suitable castors can be found on page 124

Matching accessories can be found on page 432



Features:

- SGK-plain bearing wheels:
- wheel body made of plastic with plain bearing
- tread made of odorless standard solid rubber tires, black, approx. 80° – 85° shore A

Properties:

- runs quietly
- affordable
- absorbs vibration
- (old designation: 522/.../KU)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
SGK-080-32-40-G12 Ident No.: 0013146	80	32	12	40	50
SGK-100-30-40-G12 Ident No.: 0013156	100	30	12	40	70
SGK-125-38-50-G15 Ident No.: 0013171	125	38	15	50	100
SGK-125-38-44-G15 Ident No.: 0013174	125	38	15	44	100
SGK-140-36-49-G20 Ident No.: 0013185	140	36	20	49	120
SGK-140-38-44-G15 Ident No.: 0013951	140	38	15	44	120
SGK-160-40-60-G20 Ident No.: 0013199	160	40	20	60	135
SGK-160-40-45-G20 Ident No.: 0028488	160	40	20	45	135
SGK-180-45-60-G20 Ident No.: 0013228	180	45	20	60	180
SGK-180-50-48-G20 Ident No.: 0013229	180	50	20	48	180
SGK-200-50-60-G20 Ident No.: 0013242	200	50	20	60	205
SGK-200-50-60-G25 Ident No.: 0013233	200	50	25	60	205
SGK-250-60-75-G25 Ident No.: 0013321	250	60	25	75	295

floors**Features:**

- EGK wheels:
- wheel body made of plastic with roller bearing
- tread made of elastic solid rubber, approx 65° shore A, blue wheel color

Properties:

- runs quietly
- non-marking
- absorbs vibration
- also available with grey wheels
- (old designation: ER)



"Super travelling comfort and non-marking"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EGK-080-35-40-R12 Ident No.: 0028757	80	35	12	40	100
EGK-100-36-40-R12 Ident No.: 0028013	100	36	12	40	125
EGK-125-36-50-R15 Ident No.: 0028014	125	36	15	50	200
EGK-160-48-60-R20 Ident No.: 0028758	160	48	20	60	300
EGK-200-48-60-R20 Ident No.: 0028759	200	48	20	60	350

Suitable castors can be found on page 127

Matching accessories can be found on page 432



Features:

- EGK-grey wheels:
- plastic wheel body with roller bearing and ball bearing
- tread made of elastic solid rubber, approx. 65° shore A, grey wheel color

Properties:

- runs quietly, non-marking
- absorbs vibration
- also available with blue wheel
- (old designation: ER)

floors



"Super travelling comfort and non-marking"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EGK-100-36-44-K12-grey Ident No.: 0034618	100	36	12	44	125
EGK-125-36-51-K08-grey-AM-M8 Ident No.: 0040346	125	36	8	51	250
EGK-125-36-51-K10-grey-AM-M10 Ident No.: 0040345	125	36	10	51	250
EGK-160-48-60-R20-grey Ident No.: 0034574	160	48	20	60	300
EGK-160-48-60-K20-grey Ident No.: 0034962	160	48	20	60	300
EGK-200-50-60-K12-grey Ident No.: 0028369	200	50	12	60	350

floors**Features:**

- EGS wheels:
- thick-walled steel sheet wheel body with ball bearing
- tread made of elastic solid rubber, approx. 65° shore A

Properties:

- high elasticity with low rolling resistance
- excellent travel comfort
- runs quietly
- sturdy and shock-resistant
- absorbs vibration
- (old designation: ETS)



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub ø mm	 hub length mm	 load-carrying capacity kg
EGS-160-50-60-K20 Ident No.: 0016322	160	50	20	58	60	350
EGS-200-50-60-K20 Ident No.: 0016323	200	50	20	58	60	450
EGS-200-50-60-K25 Ident No.: 0031947	200	50	25	58	60	450
EGS-200-80-90-K20 Ident No.: 0016324	200	80	20	57	90	600
EGS-250-50-60-K20 Ident No.: 0016325	250	50	20	58	60	550
EGS-250-60-75-K20 Ident No.: 0016326	250	60	20	58	75	600
EGS-250-80-90-K25 Ident No.: 0016328	250	80	25	58	90	750

Suitable castors can be found on page 205

Matching accessories can be found on page 432

Features:

- EGA wheels: .
- die-cast aluminum wheel body with ball bearing
- tread surface made of elastic solid rubber, black, approx. 65° shore A

Properties:

- high elasticity with low rolling resistance
- runs quietly
- sturdy and shock-resistant
- absorbs vibration
- also available with grey wheels
- (old designation: F3)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EGA-080-38-40-K12 Ident No.: 0017789	80	38	12	40	120
EGA-100-40-40-K12 Ident No.: 0038446	100	40	12	40	180
EGA-100-40-40-K15 Ident No.: 0016382	100	40	15	40	180
EGA-125-40-50-K20 Ident No.: 0038447	125	40	20	50	200
EGA-150-50-60-K20 Ident No.: 0016386	150	50	20	60	300
EGA-160-50-60-K20 Ident No.: 0038448	160	50	20	60	300
EGA-180-50-60-K20 Ident No.: 0032795	180	50	20	60	400
EGA-180-50-60-K25 Ident No.: 0016396	180	50	25	60	400
EGA-200-50-60-K20 Ident No.: 0037761	200	50	20	60	400
EGA-200-50-60-K25 Ident No.: 0016404	200	50	25	60	400
EGA-250-50-60-K20 Ident No.: 0019001	250	50	20	60	500
EGA-250-50-60-K25 Ident No.: 0037797	250	50	25	60	500
EGA-300-60-60-K30-IB Ident No.: 0036469	300	60	30	60	650

Suitable castors can be found on pages 130, 187, 203

Matching accessories can be found on page 432

floors**Features:**

- EGA-grey wheels:
- die-cast aluminum wheel body with ball bearing
- tread made of elastic solid rubber, grey, approx. 65° shore A

Properties:

- non-marking
- high elasticity with low rolling resistance
- runs quietly
- sturdy and shock-resistant
- absorbs vibration
- (old designation: F3/BG)



"Super travelling comfort and non-marking"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EGA-100-40-40-K12-grey Ident No.: 0031039	100	40	12	40	180
EGA-125-40-50-K20-grey Ident No.: 0016385	125	40	20	50	200
EGA-150-50-60-K20-grey Ident No.: 0033826	150	50	20	60	300
EGA-160-50-60-K20-grey Ident No.: 0027771	160	50	20	60	300
EGA-180-50-60-K20-grey Ident No.: 0032736	180	50	20	60	400
EGA-200-50-60-K20-grey Ident No.: 0016399	200	50	20	60	400
EGA-200-50-60-K25-grey Ident No.: 0033022	200	50	25	60	400
EGA-250-50-60-K25-grey Ident No.: 0029675	250	50	25	60	500

Suitable castors can be found on page 133

Matching accessories can be found on page 432



Features:

- EGG ball bearing wheels:
- high-quality elastic solid rubber tires on cast iron rims
- (for small series and large wheel diameter with steel rim)
- tires: 65° shore A
- bearing type: 2 pressed-in ball bearings

Properties:

- runs quietly
- sturdy and shock-resistant
- absorbs vibration
- (old designation: ET series)

floors



"Please request the minimum order quantity"

wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
EGG-125-50-60-K20 Ident No.: 0016099	125	50	20	60	225
EGG-150-50-60-K20 Ident No.: 0016100	150	50	20	60	250
EGG-160-50-60-K20 Ident No.: 0016101	160	50	20	60	300
EGG-180-50-60-K20 Ident No.: 0016103	180	50	20	60	325
EGG-200-50-60-K20 Ident No.: 0016107	200	50	20	60	350
EGG-200-50-60-K25 Ident No.: 0016109	200	50	25	60	350
EGG-200-75-90-K25 Ident No.: 0016110	200	75	25	90	500
EGG-200-80-80-K25 Ident No.: 0033600	200	80	25	80	550
EGG-230-50-60-K30 Ident No.: 0016120	230	50	30	60	400
EGG-250-50-60-K25 Ident No.: 0016124	250	50	25	60	450
EGG-250-60-60-K25 Ident No.: 0016125	250	60	25	60	525
EGG-250-80-80-K30 Ident No.: 0038485	250	80	30	80	700
EGG-250-80-85-K30 Ident No.: 0016128	250	80	30	85	675
EGG-250-100-100-K25 Ident No.: 0036139	250	100	25	100	1.350
EGG-280-75-85-K30 Ident No.: 0016235	280	75	30	85	725
EGG-300-75-90-K30 Ident No.: 0016243	300	75	30	90	750

					
wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
EGG-300-75-90-K35 Ident No.: 0016244	300	75	35	90	750
EGG-300-85-90-K30 Ident No.: 0016246	300	85	30	90	675
EGG-360-60-65-K35 Ident No.: 0032385	360	60	35	65	750
EGG-360-60-75-K30 Ident No.: 0016251	360	60	30	75	750
EGG-360-75-85-K30 Ident No.: 0016252	360	75	30	85	950
EGG-360-75-85-K35 Ident No.: 0016253	360	75	35	85	950
EGG-400-75-90-K35 Ident No.: 0016261	400	75	35	90	1,000
EGG-405-130-140-K40 Ident No.: 0016263	405	130	40	140	1,500
EGG-405-130-140-K50 Ident No.: 0016262	405	130	50	140	1,500
EGG-415-90-75-K30 Ident No.: 0038970	415	90	30	75	1,000
EGG-415-100-120-K40 Ident No.: 0016265	415	100	40	120	1,250
EGG-425-150-160-K40 Ident No.: 0016269	425	150	40	160	1,800
EGG-500-85-90-K40 Ident No.: 0016274	500	85	40	90	1,300
EGG-520-100-120-K40 Ident No.: 0016276	520	100	40	120	1,525
EGG-610-150-160-K50 Ident No.: 0016281	610	150	50	160	2,250



Thermoplastic material can be used instead of rubber

Thermoplastic (TPE) has a higher load capacity than rubber. These grey tires minimize the impact on your floors, providing a comfortable ride without leaving traces. Some contact discoloration may result from the oil-bearing material when the tires are left motionless for longer periods on sensitive floors.

Properties

- run quietly
- without leaving a mark or trace
- higher load-carrying capacity than rubber
- impact-resistant
- low rolling resistance



Shore hardness

approx. 85° Shore A

Temperature range

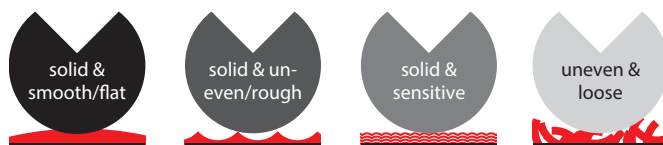
thermoplastic can be used from -20° C to +60° C

the load-carry capacity is reduced at temperatures above +30° C

Bearing types

- plain bearing (through hole)
- ball bearing

areas of use // floors





Features:

- TPBK wheels:
- polypropylene wheel body with ball bearing
- temperature resistance: -20° C to 60° C
- grey thermoplastic rubber tread, approx. 85° shore A
- with thread guards to protect the ball bearing from dust and dirt

Properties:

- runs quietly
- non-marking
- low rolling resistance
- (old designation: KO and TPK)

floors



"This smooth-running series is innovative and affordable"

wheels

	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
TPBK-050-19-23-K06 Ident-Nr.: 0017259	50	19	6	22,5	40
TPBK-075-23-29-K06 Ident-Nr.: 0017262	75	23	6	29	50
TPBK-080-31-37-K08 Ident-Nr.: 0025266	80	31	8	36,5	70
TPBK-080-30-40-K08 Ident-Nr.: 0021572	80	30	8	40	80
TPBK-100-26-30-K08 Ident-Nr.: 0017265	100	26	8	30	65
TPBK-100-31-37-K08 Ident-Nr.: 0025268	100	31	8	36,5	80
TPBK-100-30-40-K08 Ident-Nr.: 0021573	100	30	8	40	90
TPBK-125-31-37-K08 Ident-Nr.: 0025270	125	31	8	36,5	100
TPBK-125-35-50-K08 Ident-Nr.: 0028530	125	35	8	50	110
TPBK-160-40-60-K12 Ident-Nr.: 0026621	160	40	12	60	180
TPBK-200-47-60-K12 Ident-Nr.: 0026622	200	47	12	60	220

Suitable castors can be found on page 136

Matching accessories can be found on page 432

floors



Features:

- TPKH wheels:
- polypropylene wheel body with 2 ball bearings
- tread made of thermoplastic rubber, grey, approx. 85° shore A

Properties:

- Runs quietly, non-marking
- higher load-carrying capacity than standard rubber
- minimal rolling resistance, shock-resistant
- (old designation: THKS)



“Heavy-duty design with two ball bearings”

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
TPKH-080-35-40-K12 Ident No.: 0014307	80	35	12	40	120
TPKH-100-35-40-K12 Ident No.: 0014308	100	35	12	40	150
TPKH-125-40-50-K15 Ident No.: 0014309	125	40	15	50	200
TPKH-150-45-60-K20 Ident No.: 0014310	150	45	20	60	260
TPKH-160-45-60-K20 Ident No.: 0014311	160	45	20	60	260
TPKH-200-50-60-K20 Ident No.: 0014312	200	50	20	60	350
TPKH-250-60-75-K25 Ident No.: 0016967	250	60	25	75	450

Suitable castors can be found on pages 139, 140, 189, 287

Matching accessories can be found on page 432



Polyurethane wheels for medium- to heavy-duty requirements

The material polyurethane (PU) has a high load capacity with low abrasion. It also features high chemical resistance. These properties make polyurethane suitable for almost any application.

Properties

- 🔗 high load capacity
- 🔗 without leaving a mark or trace
- 🔗 low abrasion
- 🔗 impact-resistant
- 🔗 low rolling resistance
- 🔗 excellent chemical resistance
- 🔗 resistant to oil and grease
- 🔗 resistant to cutting by metal chips



Shore hardness

approx. 50° Shore A up to approx. 98° Shore A

Temperature range

polyurethane can be used from -20° C to +80° C

the load-carry capacity is reduced at temperatures above +30° C

Bearing types

- 🔗 plain bearing (through hole)
- 🔗 ball bearing
- 🔗 precision bore and keyway groove

areas of use // floors





smooth-running series

Features:

- PUBK wheels:
- polyamide 6 wheel body with ball bearing
- polyurethane tread, approx. 95° shore A
- with thread guards to protect the ball bearing from dust and dirt

Properties:

- high load capacity
- low abrasion, non-marking, low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- (old designation: PSK)



"Affordable smooth-running series for heavier loads"

floors



wheels

	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUBK-080-30-40-K08 Ident No.: 0021578	80	30	8	40	100
PUBK-100-30-40-K08 Ident No.: 0021579	100	30	8	40	150
PUBK-125-35-50-K08 Ident No.: 0028532	125	35	8	50	200
PUBK-160-40-60-K12 Ident No.: 0026625	160	40	12	60	250
PUBK-200-50-60-K12 Ident No.: 0026626	200	50	12	60	300

Suitable castors can be found on pages 143, 272

Matching accessories can be found on page 432

floors



Features:

- PUZK wheels:
- polyamide 6 wheel body with ball bearing
- tread made of polyurethane, approx. 95° shore A

Properties:

- high load capacity
- low abrasion, non-marking
- shock-resistant, low rolling resistance
- resistant to oil and grease
- excellent chemical resistance
- resistant to cutting by metal chips
- (old designation: PUSKS)



"Versatile, affordable and optimally designed"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUZK-080-35-40-K12 Ident No.: 0015450	80	35	12	40	150
PUZK-100-35-40-K12 Ident No.: 0015451	100	35	12	40	200
PUZK-125-40-50-K15 Ident No.: 0015452	125	40	15	50	250
PUZK-150-45-60-K20 Ident No.: 0015453	150	45	20	60	380
PUZK-160-45-60-K20 Ident No.: 0015454	160	45	20	60	400
PUZK-160-45-60-K25 Ident No.: 0032410	160	45	25	60	380
PUZK-200-50-60-K20 Ident No.: 0015455	200	50	20	60	500
PUZK-200-50-60-K25 Ident No.: 0032982	200	50	25	60	500
PUZK-250-60-75-K25 Ident No.: 0016975	250	60	25	75	700

Suitable castors can be found on pages 146, 161, 191, 289

Matching accessories can be found on page 432



Features:

- PUZA wheels:
- die-cast aluminum wheel body with ball bearing
- tread made of molded polyurethane, approx. 92° shore A
- cylindrical tread

Properties:

- high load capacity
- low abrasion, non-marking, shock-resistant
- low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- (old designation: PA)



floors



wheels

	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUZA-080-36-40-K12 Ident No.: 0022513	80	36	12	40	180
PUZA-100-40-40-K12 Ident No.: 0038440	100	40	12	40	280
PUZA-125-40-50-K20 Ident No.: 0038441	125	40	20	50	350
PUZA-150-50-60-K20 Ident No.: 0031297	150	50	20	60	500
PUZA-160-50-60-K20 Ident No.: 0038442	160	50	20	60	500
PUZA-160-50-60-K25 Ident No.: 0036202	160	50	25	60	500
PUZA-180-50-60-K20 Ident No.: 0031726	180	50	20	60	600
PUZA-180-50-60-K25 Ident No.: 0022523	180	50	25	60	600
PUZA-200-50-60-K20 Ident No.: 0038443	200	50	20	60	700
PUZA-200-50-60-K25 Ident No.: 0022527	200	50	25	60	700
PUZA-250-50-60-K25 Ident No.: 0017896	250	50	25	60	800
PUZA-250-60-60-K25 Ident No.: 0013016	250	60	25	60	800

Suitable castors can be found on pages 193, 207

floors



Features:

- PUZG plain bearing wheels:
- wheel body made of special grey cast iron with plain bearing
- tread made of polyurethane, molded, approx. 95° shore A, strong hub with core hole

Properties:

- high load capacity
- low abrasion, non-marking, shock-resistant
- low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- (old designation: series 4)



“Strong hub with core hole”

wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
PUZG-080-36-36-G15 Ident No.: 0038580	80	36	15	36	250
PUZG-100-30-36-G15 Ident No.: 0011978	100	30	15	36	250
PUZG-125-35-47-G15 Ident No.: 0011982	125	35	15	47	330
PUZG-150-40-47-G20 Ident No.: 0011987	150	40	20	47	500
PUZG-160-40-59-G20 Ident No.: 0035342	160	40	20	59	750
PUZG-200-50-52-G20 Ident No.: 0011993	200	50	20	52	1,000
PUZG-250-50-65-G25 Ident No.: 0011999	250	50	25	65	1,400
PUZG-250-60-65-G25 Ident No.: 0012010	250	60	25	65	1,400
PUZG-300-70-70-G25 Ident No.: 0012017	300	70	25	70	2,100
PUZG-300-100-100-G45 Ident No.: 0030732	300	100	45	100	2.500



Features:

- PUZG wheels:
- wheel body made of special grey cast iron with ball bearing
- tread made of molded polyurethane, approx. 95° shore A

Properties:

- high load capacity
- low abrasion, non-marking, shock-resistant
- low rolling resistance
- excellent chemical resistance
- resistant to oil and grease
- resistant to cutting by metal chips
- (old designation: series 4)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUZG-080-36-36-K15 Ident No.: 0011972	80	36	15	36	250
PUZG-100-30-36-K15 Ident No.: 0011975	100	30	15	36	250
PUZG-100-40-40-K15 Ident No.: 0033355	100	40	15	40	350
PUZG-100-40-45-K20 Ident No.: 0037450	100	40	20	45	350
PUZG-100-40-47-K15 Ident No.: 0011979	100	40	15	47	350
PUZG-100-40-47-K20 Ident No.: 0011977	100	40	20	47	350
PUZG-100-50-60-K20 Ident No.: 0015910	100	50	20	60	450
PUZG-125-35-47-K15 Ident No.: 0011980	125	35	15	47	300
PUZG-125-40-47-K15 Ident No.: 0011983	125	40	15	47	350
PUZG-125-40-50-K20 Ident No.: 0032321	125	40	20	50	360
PUZG-125-50-50-K20 Ident No.: 0037349	125	50	20	50	400
PUZG-125-50-60-K20 Ident No.: 0038444	125	50	20	60	550
PUZG-150-40-40-K20 Ident No.: 0011986	150	40	20	40	700
PUZG-150-40-47-K20 Ident No.: 0011984	150	40	20	47	500
PUZG-150-50-50-K25 Ident No.: 0011989	150	50	25	50	700
PUZG-150-50-60-K20 Ident No.: 0039227	150	50	20	60	700

Suitable castors can be found on pages 210, 231, 232, 243

wheels	    				
	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
PUZG-150-50-60-K25 Ident No.: 0017883	150	50	25	60	700
PUZG-150-60-65-K25 Ident No.: 0011988	150	60	25	65	930
PUZG-160-40-58-K20 Ident No.: 0036892	160	40	20	58	700
PUZG-160-50-50-K30 Ident No.: 0037451	160	50	30	50	800
PUZG-160-50-60-K20 Ident No.: 0038291	160	50	20	60	800
PUZG-175-40-52-K20 Ident No.: 0034537	175	40	20	52	720
PUZG-200-50-50-K25 Ident No.: 0030961	200	50	25	50	900
PUZG-200-50-52-K30 Ident No.: 0031655	200	50	30	52	1,000
PUZG-200-50-60-K25 Ident No.: 0037762	200	50	25	60	1,000
PUZG-200-50-60-K30 Ident No.: 0037162	200	50	30	60	1,000
PUZG-200-60-65-K25 Ident No.: 0011996	200	60	25	65	1,200
PUZG-200-80-80-K30 Ident No.: 0032256	200	80	30	80	1,500
PUZG-200-80-80-K35 Ident No.: 0011997	200	80	35	80	1,500
PUZG-225-50-50-K25 Ident No.: 0036084	225	50	25	50	1,000
PUZG-250-50-60-K25 Ident No.: 0038445	250	50	25	60	1,200
PUZG-250-50-60-K30 Ident No.: 0033351	250	50	30	60	1,200
PUZG-250-60-60-K30 Ident No.: 0038221	250	60	30	60	1,400
PUZG-250-60-60-K25 Ident No.: 0039228	250	60	25	60	1,400
PUZG-250-60-65-K25 Ident No.: 0039229	250	60	25	65	1,400
PUZG-250-80-80-K30 Ident No.: 0032287	250	80	30	80	1,800
PUZG-250-80-80-K35 Ident No.: 0039230	250	80	35	80	1,800
PUZG-250-80-90-K30 Ident No.: 0039200	250	80	30	90	1,800
PUZG-250-100-85-K30 Ident No.: 0027527	250	100	30	85	1,800
PUZG-250-100-100-K35 Ident No.: 0012014	250	100	35	100	2,200
PUZG-300-70-70-K30 Ident No.: 0012019	300	70	30	70	2,200
PUZG-300-80-80-K30 Ident No.: 0012995	300	80	30	80	2,200
PUZG-300-80-80-K35 Ident No.: 0012016	300	80	35	80	2,200
PUZG-300-100-100-K35 Ident No.: 0031516	300	100	35	100	3,000

					
wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
PUZG-300-100-100-K40 Ident No.: 0012020	300	100	40	100	3,000
PUZG-350-100-100-K40 Ident No.: 0036543	350	100	40	100	3,500
PUZG-350-100-100-K50 Ident No.: 0012021	350	100	50	100	3,500
PUZG-400-60-75-K35 Ident No.: 0040417	400	60	35	75	2,300
PUZG-400-80-80-K40 Ident No.: 0036649	400	80	40	80	3,300
PUZG-400-80-85-K40 Ident No.: 0039746	400	80	40	85	3,300
PUZG-400-80-90-K40 Ident No.: 0036988	400	80	40	90	3,300
PUZG-400-100-100-K40 Ident No.: 0032566	400	100	40	100	3,800
PUZG-400-100-100-K45 Ident No.: 0031204	400	100	45	100	3,800
PUZG-400-100-100-K50 Ident No.: 0012022	400	100	50	100	3,800
PUZG-400-100-100-K60 Ident No.: 0031206	400	100	60	100	3,500
PUZG-450-100-100-K50 Ident No.: 0032981	450	100	50	100	4,000
PUZG-500-100-100-K50 Ident No.: 0012023	500	100	50	100	4,500

floors



Features:

- EPUK wheels:
- wheel body made of polyamide 6 with 2 ball bearings
- tread made of elastic polyurethane, approx. 80° shore A, rounded edges

Properties:

- runs quietly
- non-marking, low abrasion
- impact-resistant, shock-proof
- low rolling resistance
- excellent chemical resistance, oil and grease resistance
- (old designation: PUKS)



"Improved travel comfort thanks to elastic tread surface"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EPUK-080-35-40-K12 Ident No.: 0014301	80	35	12	40	130
EPUK-100-35-40-K12 Ident No.: 0014302	100	35	12	40	180
EPUK-125-40-50-K15 Ident No.: 0014303	125	40	15	50	200
EPUK-150-45-60-K20 Ident No.: 0014304	150	45	20	60	250
EPUK-160-45-60-K20 Ident No.: 0014305	160	45	20	60	300
EPUK-200-48-60-K20 Ident No.: 0014306	200	48	20	60	450
EPUK-250-60-75-K25 Ident No.: 0016971	250	60	25	75	500

Suitable castors can be found on pages 149, 150, 291

Matching accessories can be found on page 432



Features:

- EPUA wheels:
- die-cast aluminum wheel body with ball bearing
- tread surface made of molded polyurethane, 78° shore A

Properties:

- high load capacity
- low rolling resistance
- non-marking, runs quietly
- sturdy and shock-resistant
- absorbs vibration
- (old designation: EPA)

floors



"Moves heavy weights elastically"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EPUA-100-30-40-K12 Ident No.: 0016059	100	30	12	40	200
EPUA-125-40-40-K15 Ident No.: 0016060	125	40	15	40	300
EPUA-150-40-50-K20 Ident No.: 0016061	150	40	20	50	350
EPUA-160-50-60-K20 Ident No.: 0016063	160	50	20	60	500
EPUA-160-50-60-K25 Ident No.: 0030941	160	50	25	60	500
EPUA-180-50-60-K20 Ident No.: 0016064	180	50	20	60	500
EPUA-180-50-60-K25 Ident No.: 0029219	180	50	25	60	500
EPUA-200-50-60-K20 Ident No.: 0016065	200	50	20	60	700
EPUA-200-50-60-K25 Ident No.: 0032845	200	50	25	60	700
EPUA-250-50-60-K20 Ident No.: 0037935	250	50	20	60	900

Suitable castors can be found on pages 195, 213, 214

Matching accessories can be found on page 432

floors



Features:

- EPUG wheels:
- wheel body made of special grey cast iron with ball bearing
- treads made of elastic polyurethane, approx. 78° shore A, with very strong polyurethane cushion

Properties:

- high load capacity
- low rolling resistance
- non-marking
- runs quietly
- sturdy, shock-resistant, moderates vibration
- (old designation: 7/...)



"Ensures outstanding travel comfort"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EPUG-100-40-50-K20 Ident No.: 0013796	100	40	20	50	300
EPUG-125-40-50-K20 Ident No.: 0033157	125	40	20	50	310
EPUG-125-50-60-K20 Ident No.: 0013797	125	50	20	60	400
EPUG-140-50-55-K20 Ident No.: 0013798	140	50	20	55	450
EPUG-150-50-60-K20 Ident No.: 0013799	150	50	20	60	450
EPUG-200-50-60-K25 Ident No.: 0013800	200	50	25	60	650
EPUG-250-50-60-K25 Ident No.: 0033290	250	50	25	60	800
EPUG-250-50-60-K30 Ident No.: 0013801	250	50	30	60	800
EPUG-250-80-85-K25 Ident No.: 0013802	250	80	25	85	950
EPUG-250-80-85-K30 Ident No.: 0010541	250	80	30	85	950
EPUG-300-75-75-K30 Ident No.: 0013803	300	75	30	75	1,250
EPUG-300-75-75-K35 Ident No.: 0037615	300	75	35	75	1,250

Suitable castors can be found on page 235

Matching accessories can be found on page 432



Features:

- GPSK wheels:
- plastic wheel center with ball and roller bearings
- tread made of expanded (foam) polyurethane
- the alternative to pneumatic tires

Properties:

- minimal impact on floor
- absorbs vibration
- low rolling resistance on uneven floors
- (old designation: PSR)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
GPSK-100-30-37-K08 Ident No.: 0022714	100	30	8	37	60
GPSK-125-30-34-K08 Ident No.: 0022715	125	30	8	34	75
GPSK-150-30-50-K08 Ident No.: 0036949	150	30	8	50	75
GPSK-175-30-60-K08 Ident No.: 0022717	175	30	8	60	75
GPSK-200-50-60-K08 Ident No.: 0036950	200	50	8	60	100
GPVK-245-85-75-R20 Ident No.: 0037214	245	85	20	75	125
GPSK-260-85-75-R20 Ident No.: 0022720	260	85	20	75	200
GPVK-400-90-100-G13-black Ident No.: 0034298	400	90	12.7	100	200

Suitable castors can be found on pages 152, 155

floors



Features:

- GPVS (PU/R) wheel series with steel rims:
- made of EVA copolymer with roller bearings or ball bearings
- the good travel comfort of pneumatic tires combined with the puncture resistance of solid rubber wheels
- color black

Properties:

- low weight
- minimal impact on floor
- absorbs vibration
- low rolling resistance on uneven floors
- (old designation: PU/R)

in stock



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub ø mm	 hub length mm	 load-carrying capacity kg
GPVS-400-90-75-R25 Ident No.: 0037262	400	90	25	50	75	200
GPVS-400-90-75-K25 Ident No.: 0037680	400	90	25	50	75	200

Suitable castors can be found on page 152

Matching accessories can be found on page 432



Wheels and castors with **pneumatic tires**

Air-filled tires made of rubber provide excellent comfort, especially when rolling over uneven floor surfaces. Our pneumatic tires can be customized according to their wheel diameter, profile types, wheel bodies and cover thickness so that they are suitable for a wide range of different applications.

Properties

- ☞ minimal impact on floor
- ☞ absorbs vibration
- ☞ low rolling resistance on uneven floors
- ☞ available as a non-marking type



Note

the specified air pressure (bar) values must be followed and checked regularly

Temperature range

pneumatic tires can be used from -25° C to +50° C

Bearing types

- ☞ plain bearing (through hole)
- ☞ ball bearing
- ☞ roller bearing

areas of use // floors



pneumatic tires // LRK-roller bearing



Features:

- LRK-Roller Bearing wheels:
- plastic rim with roller bearing

Properties:

- minimal impact on floor
- absorbs vibration
- low rolling resistance on uneven floors
- available in non-marking version
- (old designation: KR)

Note:

The specified air pressure (bar) values must be followed and checked regularly.

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	dimension	tread thickness ply	tire pressure bar	ceiling profile	 load capacity kg
LRK1-185-45-60-R20-grey Ident No.: 0027688	185	45	20	60	7 x 1 3/4	2-layer	2.5	rib	50
LRK1-200-50-60-R20-grey-black Ident No.: 0019716	200	50	20	60	8 x 2	2-layer	2.5	rib	75
LRK1-200-50-60-R20-black Ident No.: 0017295	200	50	20	60	8 x 2	2-layer	2.5	rib	75
LRK1-230-65-50-R20 Ident No.: 0017306	230	65	20	50	2.50-4	2-layer	2.5	rib	130
LRK3-230-65-50-R20 Ident No.: 0017307	230	65	20	50	2.50-4	2-layer	2.5	military	130
LRK1-230-65-60-R20 Ident No.: 0017308	230	65	20	60	2.50-4	2-layer	2.5	rib	130
LRK3-230-65-60-R20 Ident No.: 0017309	230	65	20	60	2.50-4	2-layer	2.5	country	130
LRK1-230-65-75-R20 Ident No.: 0017310	230	65	20	75	2.50-4	2-layer	2.5	rib	130
LRK3-230-65-75-R20 Ident No.: 0017313	230	65	20	75	2.50-4	2-layer	2.5	military	130
LRK1-260-85-50-R20 Ident No.: 0017336	260	85	20	50	3.00-4	2-layer	2.5	rib	200
LRK2-260-85-50-R20 Ident No.: 0017337	260	85	20	50	3.00-4	2-layer	2.5	country	200
LRK1-260-85-60-R20 Ident No.: 0017338	260	85	20	60	3.00-4	2-layer	2.5	rib	200
LRK2-260-85-60-R20 Ident No.: 0017339	260	85	20	60	3.00-4	2-layer	2.5	country	200
LRK1-260-85-75-R20 Ident No.: 0017341	260	85	20	75	3.00-4	2-layer	2.5	rib	200
LRK2-260-85-75-R20 Ident No.: 0017342	260	85	20	75	3.00-4	2-layer	2.5	country	200

Suitable castors can be found on page 152

									
wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	dimension	tread thickness ply	tire pressure bar	ceiling profile	load capacity kg
LRK2-260-85-75-R20-PR4-grey Ident No.: 0017592	260	85	20	75	3.00-4	4-layer	2.5	country	200
LRK2-260-85-75-R20-PR4 Ident No.: 0017344	260	85	20	75	3.00-4	4-layer	2.5	country	200
LRK1-260-85-88-R20 Ident No.: 0017346	260	85	20	88	3.00-4	2-layer	2.5	rib	200
LRK2-260-85-88-R20 Ident No.: 0017347	260	85	20	88	3.00-4	2-layer	2.5	country	200
LRK1-260-85-75-R25 Ident No.: 0017355	260	85	25	75	3.00-4	2-layer	2.5	rib	200
LRK2-260-85-75-R25 Ident No.: 0017356	260	85	25	75	3.00-4	2-layer	2.5	country	200
LRK4-300-100-75-R20-PR4 Ident No.: 0017366	300	100	20	75	4.00-4	4-layer	2.5	rib	250
LRK4-300-100-75-R25-PR4 Ident No.: 0017369	300	100	25	75	4.00-4	4-layer	2.5	rib	200
LRK1-400-100-75-R20 Ident No.: 0017380	400	100	20	75	15 3/4 x 4	2-layer	2.5	rib	250
LRK2-400-100-75-R20 Ident No.: 0017381	400	100	20	75	15 3/4 x 4	2-layer	2.5	country	250
LRK1-400-100-75-R25 Ident No.: 0017390	400	100	25	75	15 3/4 x 4	2-layer	2.5	rib	250
LRK2-400-100-75-R25 Ident No.: 0017391	400	100	25	75	15 3/4 x 4	2-layer	2.5	country	250
LRK1-400-100-88-R20 Ident No.: 0017382	400	100	20	88	15 3/4 x 4	2-layer	2.5	rib	250

pneumatic tires // LRK-ball bearing



Features:

- LRK-Ball Bearing wheels:
- plastic rim with ball bearing

Properties:

- minimal impact on floor
- absorbs vibration
- low rolling resistance on uneven floors
- available in non-marking version
- (old designation: KR)

Note:

The specified air pressure (bar) values must be followed and checked regularly.

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	dimension	ceiling thickness ply	tire pressure bar	ceiling profile	 load-carrying capacity kg
LRK1-150-30-36-K08-grey Ident No.: 0017278	150	30	8	36	6 x 1 1/4	2-layer	2.5	rib	50
LRK1-200-50-60-K08-grey Ident No.: 0017282	200	50	8	60	8 x 2	2-layer	2.5	rib	75
LRK1-200-50-40-K12 Ident No.: 0017284	200	50	12	40	8 x 2	2-layer	2.5	rib	75
LRK2-200-50-40-K15 Ident No.: 0032713	200	50	15	40	8 x 2	2-layer	2.5	rib	75
LRK1-230-65-75-K20 Ident No.: 0017304	230	65	20	75	2.50-4	2-layer	2.5	rib	130
LRK3-230-65-75-K20 Ident No.: 0017305	230	65	20	75	2.50-4	2-layer	2.5	military	130
LRK1-260-85-75-K20 Ident No.: 0017332	260	85	20	75	3.00-4	2-layer	2.5	rib	200
LRK2-260-85-75-K20 Ident No.: 0017333	260	85	20	75	3.00-4	2-layer	2.5	country	200
LRK1-260-85-75-K25 Ident No.: 0017351	260	85	25	75	3.00-4	2-layer	2.5	rib	200
LRK2-260-85-75-K25 Ident No.: 0017352	260	85	25	75	3.00-4	2-layer	2.5	country	200
LRK4-300-100-75-K20-PR4 Ident No.: 0035036	300	100	20	75	4.00-4	4-layer	2.5	rib	200
LRK4-300-100-75-K25-PR4 Ident No.: 0017368	300	100	25	75	4.00-4	4-layer	2.5	rib	200
LRK1-310-50-54-K12-grey Ident No.: 0017363	310	50	12	54	12 1/2 x 2 1/4	2-layer	2.5	rib	75
LRK1-400-100-75-K20 Ident No.: 0017378	400	100	20	75	3.00-4	2-layer	2.5	rib	200
LRK2-400-100-75-K20 Ident No.: 0017379	400	100	20	75	15 2/4 x 4	2-layer	2.5	country	250

Suitable castors can be found on page 152

									
wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	dimension	ceiling thickness ply	tire pressure bar	ceiling profile	load-carrying capacity kg
LRK1-400-100-75-K25 Ident No.: 0017386	400	100	25	75	15 3/4 x 4	2-layer	2.5	rib	250
LRK2-400-100-75-K25 Ident No.: 0017387	400	100	25	75	15 3/4 x 4	2-layer	2.5	country	250
LRK1-400-100-75-K25-PR4 Ident No.: 0031148	400	100	25	75	4.00-8	4-layer	2.5	rib	200

pneumatic tires // LRK-plain bore



inexpensive

Features:

- LRK-plain bearing wheels:
- plastic rim with plain bore

Properties:

- minimal impact on floor
- absorbs vibration
- low rolling resistance on uneven floors
- available in non-marking version
- (old designation: KR)

Note:

The specified air pressure (bar) values must be followed and checked regularly.

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	dimension	ceiling thickness ply	tire pressure bar	ceiling profile	 load-carrying capacity kg
LRK1-185-45-48-G20-grey Ident No.: 0024218	185	45	20	48	7 x 1 3/4	2-layer	2.5	rib	50
LRK1-185-45-58-G20-grey Ident No.: 0035627	185	45	20	58	7 x 1 3/4	2-layer	2.5	rib	50
LRK1-200-50-48-G20 Ident No.: 0017289	200	50	20	48	8 x 2	2-layer	2.5	rib	75
LRK1-200-50-48-G20-PR4-grey Ident No.: 0034754	200	50	20	48	8 x 2	4-layer	2.5	rib	75
LRK1-200-50-58-G20 Ident No.: 0034223	200	50	20	58	8 x 2	2-layer	2.5	rib	75
LRK1-200-50-58-G20-black Ident No.: 0017292	200	50	20	58	8 x 2	2-layer	2.5	rib	75
LRK1-200-50-58-G20-grey Ident No.: 0017293	200	50	20	58	8 x 2	2-layer	2.5	rib	75
LRK1-230-65-50-G20 Ident No.: 0017299	230	65	20	50	2.50-4	2-layer	2.5	rib	130
LRK3-230-65-50-G20 Ident No.: 0017301	230	65	20	50	2.50-4	2-layer	2.5	military	130
LRK1-230-65-75-G20 Ident No.: 0017302	230	65	20	75	2.50-4	2-layer	2.5	rib	130
LRK3-230-65-75-G20 Ident No.: 0017303	230	65	20	75	2.50-4	2-layer	2.5	military	130
LRK1-260-85-50-G20 Ident No.: 0017319	260	85	20	50	3.00-4	2-layer	2.5	rib	200
LRK1-260-85-50-G20-grey Ident No.: 0017320	260	85	20	50	3.00-4	2-layer	2.5	rib	200
LRK2-260-85-50-G20 Ident No.: 0017321	260	85	20	50	3.00-4	2-layer	2.5	country	200
LRK2-260-85-50-G20-ANL Ident No.: 0017322	260	85	20	50	3.00-4	2-layer	2.5	country	200

wheels					dimension	ceiling thickness ply	tire pressure bar	ceiling profile	load-carrying capacity kg
	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm					
LRK2-260-85-50-G20-grey Ident No.: 0020335	260	85	20	50	3.00-4	2-layer	2.5	country	200
LRK1-260-85-75-G12 Ident No.: 0017315	260	85	12	75	3.00-4	2-layer	2.5	rib	200
LRK2-260-85-75-G12 Ident No.: 0017316	260	85	12	75	3.00-4	2-layer	2.5	country	200
LRK1-260-85-75-G20 Ident No.: 0017324	260	85	20	75	3.00-4	2-layer	2.5	rib	200
LRK1-260-85-75-G20-PR4 Ident No.: 0033515	260	85	20	75	3.00-4	4-layer	2.5	rib	200
LRK2-260-85-75-G20 Ident No.: 0017325	260	85	20	75	3.00-4	2-layer	2.5	country	200
LRK2-260-85-75-G20-black Ident No.: 0017326	260	85	20	75	3.00-4	2-layer	2.5	country	200
LRK2-260-85-75-G20-PR4 Ident No.: 0017327	260	85	20	75	3.00-4	4-layer	2.5	country	200
LRK1-260-85-75-G25 Ident No.: 0017348	260	85	25	75	3.00-4	2-layer	2.5	rib	200
LRK2-260-85-75-G25 Ident No.: 0017349	260	85	25	75	3.00-4	2-layer	2.5	country	200
LRK1-260-85-88-G20 Ident No.: 0017328	260	85	20	88	3.00-4	2-layer	2.5	rib	200
LRK2-260-85-88-G20 Ident No.: 0017329	260	85	20	88	3.00-4	2-layer	2.5	country	200
LRK1-260-85-88-G20-black Ident No.: 0031667	260	85	20	88	3.00-4	2-layer	2.5	rib	200
LRK1-300-100-75-G20-PR4 Ident No.: 0017365	300	100	20	75	4.00-4	4-layer	2.5	rib	200
LRK4-300-100-75-G25-PR4-black Ident No.: 0016641	300	100	25	75	4.00-4	4-layer	2.5	rib	200
LRK4-300-100-75-G25-PR4-ANL Ident No.: 0017367	300	100	25	75	4.00-4	4-layer	2.5	rib	200
LRK4-300-100-75-G25-PR4 Ident No.: 0017370	300	100	25	75	4.00-4	4-layer	2.5	rib	200
LRK1-310-50-56-G20 Ident No.: 0017364	310	50	20	56	12 1/2 x 2 1/4	2-layer	2.5	rib	75
LRK1-400-100-75-G20 Ident No.: 0017375	400	100	20	75	15 3/4 x 4	2-layer	2.5	rib	250
LRK1-400-100-75-G25 Ident No.: 0017384	400	100	25	75	15 3/4 x 4	2-layer	2.5	rib	250
LRK1-400-100-75-G25-PR4 Ident No.: 0031325	400	100	25	75	15 3/4 x 4	4-layer	2.5	rib	250
LRK2-400-100-75-G20 Ident No.: 0018001	400	100	20	75	15 3/4 x 4	2-layer	2.5	country	250
LRK1-400-100-88-G20 Ident No.: 0017376	400	100	20	88	15 3/4 x 4	2-layer	2.5	rib	250
LRK2-400-100-88-G20 Ident No.: 0017377	400	100	20	88	15 3/4 x 4	2-layer	2.5	country	250
LRK1-400-100-100-G25 Ident No.: 0017383	400	100	25	100	15 3/4 x 4	2-layer	2.5	rib	250

Matching accessories can be found on page 432

pneumatic tires // LRS-ball bearing



Features:

- LRS-Ball Bearing wheels:
- steel center rim with ball bearing

Properties:

- minimal impact on floor
- absorbs vibration
- low rolling resistance on uneven floors
- available in non-marking version
- (old designation: R)

Note:

The specified air pressure (bar) values must be followed and checked regularly.

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	dimension	ceiling thickness ply	tire pressure bar	ceiling profile	load-carrying capacity kg
LRS1-185-45-50-K20-grey Ident No.: 0024212	185	45	20	50	7 x 1 3/4	2-layer	2.5	rib	50
LRS1-200-50-50-K15-grey Ident No.: 0022840	200	50	15	50	8 x 2	2-layer	2.5	rib	75
LRS1-200-50-50-K20 Ident No.: 0022841	200	50	20	50	8 x 2	2-layer	2.5	rib	75
LRS1-200-50-50-K20-grey Ident No.: 0028170	200	50	20	50	8 x 2	2-layer	2.5	rib	75
LRS1-260-85-50-K20 Ident No.: 0022858	260	85	20	50	3.00-4	2-layer	2.5	rib	200
LRS2-260-85-50-K20 Ident No.: 0022859	260	85	20	50	3.00-4	2-layer	2.5	country	200
LRS1-260-85-75-K20 Ident No.: 0022860	260	85	20	75	3.00-4	2-layer	2.5	rib	200
LRS1-260-85-75-K20-PR4 Ident No.: 0022861	260	85	20	75	3.00-4	4-layer	2.5	rib	200
LRS2-260-85-75-K20 Ident No.: 0022862	260	85	20	75	3.00-4	2-layer	2.5	country	200
LRS2-260-85-75-K20-PR4 Ident No.: 0012996	260	85	20	75	3.00-4	4-layer	2.5	country	200
LRS1-310-50-60-K20 Ident No.: 0033287	310	50	20	60	12 1/2 x 2 1/4	2-layer	2.5	rib	70
LRS1-400-100-75-K25 Ident No.: 0022915	400	100	25	75	15 3/4 x 4	2-layer	2	rib	250
LRS1-400-100-75-K25-PR4 Ident No.: 0022916	400	100	25	75	15 3/4 x 4	4-layer	2	rib	250
LRS2-400-100-75-K25 Ident No.: 0022917	400	100	25	75	15 3/4 x 4	2-layer	2	country	250
LRS2-400-100-75-K25-PR4 Ident No.: 0022918	400	100	25	75	15 3/4 x 4	4-layer	2	country	250

Suitable castors can be found on page 153

wheels					dimension	ceiling thickness ply	tire pressure bar	ceiling profile	 load-carrying capacity kg
	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm					
LRS1-400-100-90-K25 Ident No.: 0010561	400	100	25	90	15 3/4 x 4	2-layer	2	rib	250
LRS1-400-100-90-K25-PR4 Ident No.: 0010562	400	100	25	90	15 3/4 x 4	4-layer	2	rib	250
LRS2-400-100-90-K25 Ident No.: 0010563	400	100	25	90	15 3/4 x 4	2-layer	2	country	250
LRS2-400-100-90-K25-PR4 Ident No.: 0010564	400	100	25	90	15 3/4 x 4	4-layer	2	country	250
LRS4-410-170-90-K25-PR4 Ident No.: 0022836	410	170	25	90	15 3/4 x 7	4-layer	2	rib	280

pneumatic tires // LRS-roller bearing



Features:

- LRS-Roller Bearing wheels:
- steel center rim with roller bearing

Properties:

- minimal impact on floor
- absorbs vibration
- low rolling resistance on uneven floors
- available in non-marking version
- (old designation: R)

Note:

The specified air pressure (bar) values must be followed and checked regularly.

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	dimension	ceiling thickness ply	tire pressure bar	ceiling profile	 load-carrying capacity kg
LRS1-185-45-50-R20-grey Ident No.: 0024213	185	45	20	50	7 x 1 3/4	2-layer	2.5	rib	50
LRS1-185-45-60-R20-grey Ident No.: 0024214	185	45	20	60	7 x 1 3/4	2-layer	2.5	rib	50
LRS1-200-50-50-R20 Ident No.: 0022842	200	50	20	50	8 x 2	2-layer	2.5	rib	75
LRS1-200-50-50-R20-PR4-grey Ident No.: 0022844	200	50	20	50	8 x 2	4-layer	2.5	rib	75
LRS1-200-50-60-R20 Ident No.: 0022845	200	50	20	60	8 x 2	2-layer	2.5	rib	75
LRS1-200-50-60-R20-PR4-grey Ident No.: 0022846	200	50	20	60	8 x 2	4-layer	2.5	rib	75
LRS1-230-65-75-R20 Ident No.: 0022851	230	65	20	75	2.50-4	2-layer	2.5	rib	130
LRS3-230-65-75-R20 Ident No.: 0022852	230	65	20	75	2.50-4	2-layer	2.5	country	130
LRS1-260-85-50-R20 Ident No.: 0022865	260	85	20	50	3.00-4	2-layer	2.5	rib	200
LRS2-260-85-50-R20 Ident No.: 0022866	260	85	20	50	3.00-4	2-layer	2.5	country	200
LRS1-260-85-60-R20 Ident No.: 0022867	260	85	20	60	3.00-4	2-layer	2.5	rib	200
LRS2-260-85-60-R20 Ident No.: 0022868	260	85	20	60	3.00-4	2-layer	2.5	country	200
LRS1-260-85-75-R20 Ident No.: 0022869	260	85	20	75	3.00-4	2-layer	2.5	rib	200
LRS2-260-85-75-R20 Ident No.: 0022871	260	85	20	75	3.00-4	2-layer	2.5	country	200
LRS1-260-85-75-R20-PR4 Ident No.: 0022873	260	85	20	75	3.00-4	4-layer	2.5	rib	200

Suitable castors can be found on page 153

wheels					dimension	tread thickness ply	tire pressure bar	ceiling profile	 load-carrying capacity kg
	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm					
LRS2-260-85-75-R20-PR4 Ident No.: 0022875	260	85	20	75	3.00-4	4-layer	2.5	country	200
LRS1-260-85-75-R25 Ident No.: 0022881	260	85	25	75	3.00-4	2-layer	2.5	rib	200
LRS2-260-85-75-R25 Ident No.: 0022883	260	85	25	75	3.00-4	2-layer	2.5	country	200
LRS2-260-85-75-R25-PR4 Ident No.: 0013566	260	85	25	75	3.00-4	4-layer	2.5	country	200
LRS1-260-85-88-R20 Ident No.: 0022877	260	85	20	88	3.00-4	2-layer	2.5	rib	200
LRS2-260-85-88-R20 Ident No.: 0022878	260	85	20	88	3.00-4	2-layer	2.5	country	200
LRS1-260-85-88-R25 Ident No.: 0022884	260	85	25	88	3.00-4	2-layer	2.5	rib	200
LRS2-260-85-88-R25 Ident No.: 0022885	260	85	25	88	3.00-4	2-layer	2.5	country	200
LRS1-310-50-60-R20 Ident No.: 0022889	310	50	20	60	12 1/2 x 2 1/4	2-layer	2.5	rib	70
LRS1-400-100-75-R20 Ident No.: 0022904	400	100	20	75	15 3/4 x 4	2-layer	2	rib	250
LRS2-400-100-75-R20 Ident No.: 0022907	400	100	20	75	15 3/4 x 4	2-layer	2	country	250
LRS1-400-100-90-R20 Ident No.: 0022909	400	100	20	90	15 3/4 x 4	2-layer	2	rib	250
LRS1-400-100-75-R20-PR4 Ident No.: 0022905	400	100	20	75	15 3/4 x 4	4-layer	2	rib	250
LRS1-400-100-75-R25 Ident No.: 0022925	400	100	25	75	15 3/4 x 4	2-layer	2	rib	250
LRS1-400-100-75-R25-PR4 Ident No.: 0022923	400	100	25	75	15 3/4 x 4	4-layer	2	rib	250
LRS2-400-100-75-R25 Ident No.: 0022963	400	100	25	75	15 3/4 x 4	2-layer	2	country	250
LRS2-400-100-75-R25-PR4 Ident No.: 0037727	400	100	25	75	15 3/4 x 4	4-layer	2	country	250
LRS2-400-100-75-R25-PR4 Ident No.: 0022965	400	100	25	75	15 3/4 x 4	4-layer	2	country	250
LRS1-400-100-90-R25 Ident No.: 0022968	400	100	25	90	15 3/4 x 4	2-layer	2	rib	250
LRS1-400-100-90-R25-Silber Ident No.: 0011478	400	100	25	90	15 3/4 x 4	2-layer	2	rib	250
LRS1-400-100-90-R25-PR4 Ident No.: 0033774	400	100	25	90	15 3/4 x 4	4-layer	2	rib	250
LRS2-400-100-90-R25 Ident No.: 0022969	400	100	25	90	15 3/4 x 4	2-layer	2	country	250



ceiling profile rib

pneumatic tires // LRS // up to 1,000 kg



Features:

- LRS wheels:
- steel center rim with roller bearing and ball bearing

Properties:

- minimal impact on floor
- absorbs vibration
- low rolling resistance on uneven floors
- available in non-marking version
- (old designation: R)

Note:

The specified air pressure (bar) values must be followed and checked regularly.

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	dimension	ceiling thickness ply	tire pressure bar	ceiling profile	 load-carrying capacity kg
LRS4-245-80-75-R20-PR4 Ident No.: 0022887	245	80	20	75	3.00-4	4-layer	5	rib	250
LRS4-245-80-75-K25-PR4 Ident No.: 0022888	245	80	25	75	3.00-4	4-layer	2.5	rib	250
LRS5-300-100-75-R20-PR6 Ident No.: 0022891	300	100	20	75	4.00-4	6-layer	6	country	350
LRS5-300-100-75-R25-PR6 Ident No.: 0022893	300	100	25	75	4.00-4	6-layer	6	country	350
LRS4-300-100-75-R20-PR4 Ident No.: 0032988	300	100	20	75	4.00-4	4-layer	3.5	rib	350
LRS5-300-100-75-K20-PR4 Ident No.: 0022890	300	100	20	75	4.00-4	4-layer	6	country	350
LRS4-300-100-75-K25-PR4 Ident No.: 0028522	300	100	25	75	4.00-4	4-layer	3.5	rib	200
LRS5-300-100-75-K25-PR6 Ident No.: 0022892	300	100	25	75	4.00-4	6-layer	6	country	350
LRS5-300-100-92-K25-PR6 Ident No.: 0034024	300	100	25	92	4.00-4	6-layer	3.5	country	350
LRS5-410-110-100-K25-PR6 Ident No.: 0022894	410	110	25	100	4.00-8	6-layer	7	country	750
LRS5-410-110-100-K30-PR6 Ident No.: 0022897	410	110	30	100	4.00-8	6-layer	3.5	country	500
LRS5-460-140-100-K30-PR6 Ident No.: 0022975	460	140	30	100	5.00-8	6-layer	7	country	750
LRS5-540-170-100-K30-PR10 Ident No.: 0022976	540	170	30	100	6.00-9	10-layer	7	country	1,100

Suitable castors can be found on page 153

Matching accessories can be found on page 432

floors



Features:

- LRS wheels with axle:
- steel rim or plastic rim
- plain bore or ball bearing

Properties:

- minimal impact on floor
- absorbs vibration
- low rolling resistance on uneven floors
- available in non-marking version
- (old designation: R)

Note:

The specified air pressure (bar) values must be followed and checked regularly.



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	dimension	ceiling thickness ply	tire pressure bar	ceiling profile	 load-carrying capacity kg
LRS1-400-100-100-G17-AM Ident No.: 0022973	400	100	17	100	15 3/4 x 4	2-layer	2	rib	250
LRS2-400-100-100-G17-AM Ident No.: 0013318	400	100	17	100	15 3/4 x 4	2-layer	2	country	250
LRS1-400-100-97-K15-AM Ident No.: 0022972	400	100	15	97	15 3/4 x 4	2-layer	2	rib	250
LRS1-400-100-128-G10-AM Ident No.: 0022974	400	100	10	128	15 3/4 x 4	2-layer	2	rib	250
LRK1-400-100-130-R20-AM Ident No.: 0029248	400	100	20	130	15 3/4 x 4	2-layer	2.5	rib	150



"Wheelbarrow wheels with axle"

accessories // set's pneumatic tires (covering and tube)

set - covering and tube rib profile



...VS1 = valve position 90°-90°
...VS2 = valve position 90°-30°

set's pneumatic tires	wheel ø mm	wheel width mm	pneuma- tic tires inch	tire pressure bar	ceiling profile	ceiling thick- ness	colour	load-car- rying ca- pacity kg
DS1-150-030-VS2-grey Ident No.: 0023804	150	30	6 x 1 1/4	2.5	rib	Ply	grey	50
DS1-200-050-VS2 Ident No.: 0023814	200	50	8 x 2	2.5	rib	2-layer	black	75
DS1-200-050-VS2-PR4-grey Ident No.: 0023815	200	50	8 x 2	2.5	rib	4-layer	grey	75
DS1-200-050-VS2-PR4 Ident No.: 0035501	200	50	8 x 2	2.5	rib	4-layer	black	75
DS1-230-065-VS1 Ident No.: 0023817	230	65	2.50-4	2.5	rib	2-layer	black	130
DS1-260-085-VS1 Ident No.: 0023819	260	85	3.00-4	2.5	rib	2-layer	black	200
DS1-260-085-VS1-PR4 Ident No.: 0023820	260	85	3.00-4	2.5	rib	4-layer	black	250
DS1-260-085-VS1-PR4-grey Ident No.: 0023821	260	85	3.00-4	2.5	rib	4-layer	grey	250
DS4-300-100-VS1-PR4 Ident No.: 0023827	300	100	4.00-4	2.5	rib	4-layer	black	200
DS1-310-050-VS2 Ident No.: 0029663	310	50	12 1/2 x 2 1/4	2.5	rib	2-layer	black	70
DS1-400-100-VS2 Ident No.: 0023830	400	100	4.80/4.00-8	2	rib	2-layer	black	250
DS1-400-100-VS2-PR4 Ident No.: 0023831	400	100	4.80/4.00-8	2	rib	4-layer	black	250

accessories // set's pneumatic tires (covering and tube)

set's pneumatic tires									set - covering and tube country profile
	wheel ø mm	wheel width mm	pneuma- tic tires inch	tire pressure bar	ceiling profile	tread thick- ness	colour	load-car- rying ca- pacity kg	
DS3-230-065-VS1 Ident No.: 0023818	230	65	2.50-4	2.5	military	2-layer	black	130	
DS2-260-085-VS1 Ident No.: 0023822	260	85	3.00-4	2.5	country	2-layer	black	200	
DS2-260-085-VS1-PR4 Ident No.: 0023825	260	85	3.00-4	2.5	country	4-layer	black	200	
DS2-260-085-VS1-PR4-grey Ident No.: 0023826	260	85	3,0-4	2.5	country	4-layer	grey	250	
DS5-300-100-VS1-PR4 Ident No.: 0025593	300	100	4.00-4	2.5	country	4-layer	black	230	
DS5-300-100-VS1-PR6 Ident No.: 0023828	300	100	4.00-4	2.5	country	6-layer	black	400	
DS2-400-100-VS2 Ident No.: 0023832	400	100	4.80/4.00-8	2	country	2-layer	black	250	
DS2-400-100-VS2-PR4 Ident No.: 0023833	400	100	4.80/4.00-8	2	country	4-layer	black	250	
DS2A-400-100-VS2-PR4 Ident No.: 0023834	400	100	4.80/4.00-8	2	country	4-layer	black	250	
DS5-410-110-VS2-PR6 Ident No.: 0023829	410	110	4.00-8	3.5	country	6-layer	black	500	
DS5-460-140-VS2-PR6 Ident No.: 0011194	460	140	5.00-8	7	country	6-layer	black	750	

...VS1 = valve position 90°-90°
...VS2 = valve position 90°-30°

tubes



...VS1 = valve position 90°-90°
...VS2 = valve position 90°-30°

tubes	 wheel ø mm	 wheel width mm	pneumatic tires inch
S-150-30-VS2 Ident No.: 0023669	150	30	6 x 1 1/4
S-185-45-VS2 Ident No.: 0023670	185	45	7 x 1 3/4
S-200-50-VS1 Ident No.: 0030434	200	50	8 x 2
S-200-50-VS2 Ident No.: 0023673	200	50	8 x 2
S-210-65-VS1 Ident No.: 0023674	210	65	8 x 2
S-220-50-VS1 Ident No.: 0023675	220	50	8 x 1/32 x 2
S-220-120-VS2 Ident No.: 0024586	220	120	8 x 1/2x2
S-230-65-VS2 Ident No.: 0039612	230	65	2.50-4
S-230-65-VS1 Ident No.: 0023676	230	65	2.50-4
S-260-85-VS2 Ident No.: 0011393	260	85	3.00-4
S-260-85-VS1 Ident No.: 0023677	260	85	3.00-4
S-310-50-VS2 Ident No.: 0023679	310	50	12 1/2 x 2 1/4
S-300-100-VS1 Ident No.: 0023680	300	100	4.00-4
S410-100-VS2 Ident No.: 0023681	410	100	4.00-8
S-400-100-VS2 Ident No.: 0023682	400	100	4.80/4.00-8
S-400-100-VS1 Ident No.: 0037363	400	100	4.80/4.00-8
S-460-140-VS2 Ident No.: 0023683	460	140	5.00-8

coverings			dimension	ceiling thickness ply	tire pressure bar	ceiling profile
	wheel ø mm	wheel width mm				
D1-150-30-grey Ident No.: 0015570	150	30	6 x 1 1/4	2-layer	2.5	rib
D1-185-45-grey Ident No.: 0015571	185	45	7 x 1 3/4	2-layer	2.5	rib
D1-200-50 Ident No.: 0015573	200	50	8 x 2	2-layer	2.5	rib
D1-200-50-PR4-grey Ident No.: 0015574	200	50	8 x 2	4-layer	2.5	rib
D1-220-50-grey Ident No.: 0015579	220	50	8 x 2	2-layer	2.5	rib
D1-200-50-PR4 Ident No.: 0037294	200	50	8 x 2	4-layer	2.5	rib
D1-230-65 Ident No.: 0015580	230	65	2.50-4	2-layer	2.5	rib
D3-230-65 Ident No.: 0015581	230	65	2.50-4	2-layer	2.5	military
D3-230-65-PR4-grey Ident No.: 0016675	230	65	2.50-4	4-layer	2.5	military
D1-260-85 Ident No.: 0015584	260	85	3.00-4	2-layer	2.5	rib
D1-260-85-PR4 Ident No.: 0015585	260	85	3.00-4	4-layer	2.5	rib
D1-260-85-PR4-grey Ident No.: 0015586	260	85	3.00-4	4-layer	2.5	rib
D2-260-85 Ident No.: 0015587	260	85	3.00-4	2-layer	2.5	country
D2-260-85-PR4 Ident No.: 0015588	260	85	3.00-4	4-layer	2.5	country
D2-260-85-PR4-grey Ident No.: 0015589	260	85	3.00-4	4-layer	3.5	country
D4-245-80-PR4 Ident No.: 0015590	245	80	3.00-4	4-layer	2.5	ind.-rib
D5-245-80-PR4 Ident No.: 0015591	245	80	3.00-4	4-layer	2.5	ind.-country
D4-300-100-PR4 Ident No.: 0015595	300	100	4.00-4	4-layer	2.5	rib
D2A-310-50-PR4-grey Ident No.: 0015593	310	50	12 1/2 x 2 1/4	4-layer	2.5	country-v
D1-310-50-grey Ident No.: 0015592	310	50	12 1/2 x 2 1/4	2-layer	2.5	rib
D1-310-50 Ident No.: 0015599	310	50	12 1/2 x 2 1/4	2-layer	2.5	rib
D5-300-100-PR6 Ident No.: 0015596	300	100	4.00-4	6-layer	6	country-v
D1-400-100 Ident No.: 0015598	400	100	4.80/4.00-8	2-layer	2.5	rib
D1-400-100-PR4 Ident No.: 0015789	400	100	4.80/4.00-8	4-layer	2.5	rib
D2-400-100 Ident No.: 0015790	400	100	4.80/4.00-8	2-layer	2.5	country
D2-400-100-PR4 Ident No.: 0015791	400	100	4.80/4.00-8	4-layer	2.5	country
D5-460-140-PR8 Ident No.: 0037625	460	140	5.00-8	8-lagig	7	country-v

coverings





Polypropylene wheels are an inexpensive alternative to polyamide

The material polypropylene (PP) is a low-cost alternative to polyamide. It also features a lower specific weight and does not absorb moisture. Polypropylene is resistant to salt water, as well as many acids and alkalis up to a certain concentration.

Properties

- 🔗 excellent chemical resistance
- 🔗 high load capacity
- 🔗 resistant to fracturing even at heavy loads
- 🔗 long working life
- 🔗 run well on smooth floor surfaces
- 🔗 low rolling resistance



Shore hardness

approx. 60° Shore D

Temperature range

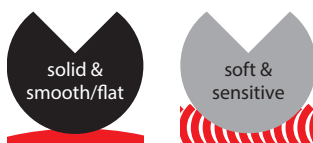
polypropylene can be used from 5° C to 80° C

the load-carry capacity is reduced at temperatures above +30° C

Bearing types

- 🔗 plain bearing (through hole)
- 🔗 roller bearing
- 🔗 ball bearing

areas of use // floors





Features:

- PPBL wheels:
- polypropylene wheel body with ball bearing
- with thread guards to protect the ball bearing from dust and dirt

Properties:

- excellent chemical resistance
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: PPK)

floors



"Affordable smooth-running ball bearing series: for flat floors"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PPBL-080-30-40-K08 Ident No.: 0021575	80	30	8	40	150
PPBL-100-30-40-K08 Ident No.: 0021576	100	30	8	40	180
PPBL-125-35-50-K08 Ident No.: 0028534	125	35	8	50	210
PPBL-160-40-60-K12 Ident No.: 0026623	160	40	12	60	300
PPBL-200-47-60-K12 Ident No.: 0026624	200	47	12	60	400

Suitable castors can be found on pages 165, 278

Matching accessories can be found on page 432

floors



Features:

- PPH wheels:
- polypropylene wheel body with 2 ball bearings

Properties:

- excellent chemical resistance
- high load capacity
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: PPKS)



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PPH-080-35-40-K12 Ident No.: 0015426	80	35	12	40	150
PPH-100-35-40-K12 Ident No.: 0015427	100	35	12	40	200
PPH-125-40-50-K15 Ident No.: 0015428	125	40	15	50	300
PPH-150-45-60-K20 Ident No.: 0015429	150	45	20	60	450
PPH-150-45-60-K25 Ident No.: 0031118	150	45	25	60	450
PPH-160-45-60-K20 Ident No.: 0015430	160	45	20	60	450
PPH-200-50-60-K20 Ident No.: 0015431	200	50	20	60	550
PPH-200-50-60-K25 Ident No.: 0035357	200	50	25	60	550
PPH-200-50-60-K30 Ident No.: 0032156	200	50	30	60	550
PPH-250-60-75-K20 Ident No.: 0035494	250	60	20	75	700
PPH-250-60-75-K25 Ident No.: 0016963	250	60	25	75	700

Suitable castors can be found on pages 168, 169

Matching accessories can be found on page 432



Polyamide wheels for medium to heavy-duty loads

The material polyamide (PA 6) is a high-quality plastic with a high load-carrying capacity. Polyamide is hygienic and odorless. It is also resistant to salt water, as well as many acids and alkalis up to a certain concentration. This material is often used in the food and pharmaceutical industries.

Properties

- ☞ excellent chemical resistance
- ☞ high load capacity
- ☞ resistant to fracturing even at heavy loads
- ☞ long working life
- ☞ run well on smooth floor surfaces
- ☞ low rolling resistance



Shore hardness

approx. 70° Shore D

Temperature range

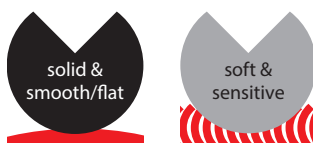
polyamide can be used from 40° C to 90° C

the load-carry capacity is reduced at temperatures above +30° C

Bearing types

- ☞ plain bearing (through hole)
- ☞ roller bearing
- ☞ ball bearing

areas of use // floors





Features:

- PALB and PALZ wheels, with plain bore:
- polyamide 6 wheel body with plain bore
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- (old designation: POD/TG)

floors



"Our PALB series with strongly convex running surface and excellent turning characteristics"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PALB-058-25-34-G10 Ident No.: 0021360	58	25	10	34	100
PALZ-065-30-40-G12 Ident No.: 0024698	65	30	12	40	120
PALB-080-33-40-G12 Ident No.: 0033518	80	33	12	40	150
PALB-100-35-40-G12 Ident No.: 0033519	100	35	12	40	200
PALB-125-36-50-G15 Ident No.: 0033520	125	36	15	50	300
PALB-150-40-58-G20 Ident No.: 0033521	150	40	20	58	450
PALZ-160-40-50-G15 Ident No.: 0022640	160	40	15	50	450
PALZ-175-48-60-G20 Ident No.: 0024713	175	48	20	60	500
PALB-200-48-58-G20 Ident No.: 0033522	200	48	20	58	550
PALZ-250-58-75-G25 Ident No.: 0024717	250	58	25	75	700

Suitable castors can be found on pages 171, 172, 281, 282

Matching accessories can be found on page 432

floors**Features:**

- PALB and PALZ wheels, with roller bearings:
- polyamide 6 wheel body with roller bearings
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: POD/TR)



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PALB-058-29-31-R10 Ident No.: 0035502	58	29	10	31	75
PALZ-065-30-40-R12 Ident No.: 0025281	65	30	12	40	120
PALB-080-33-40-R12 Ident No.: 0033523	80	33	12	40	150
PALB-100-35-40-R12 Ident No.: 0033524	100	35	12	40	200
PALZ-108-36-44-R12 Ident No.: 0036485	108	36	12	44	200
PALB-125-36-50-R15 Ident No.: 0033525	125	36	15	50	300
PALB-150-40-58-R20 Ident No.: 0033526	150	40	20	58	450
PALZ-150-43-58-R20 Ident No.: 0025290	150	43	20	58	450
PALZ-150-50-60-R20 Ident No.: 0025292	150	50	20	60	450
PALZ-160-40-60-R20 Ident No.: 0035052	160	40	20	60	480
PALZ-175-48-60-R20 Ident No.: 0025294	175	48	20	60	500
PALB-200-48-58-R20 Ident No.: 0033527	200	48	20	58	550
PALZ-250-58-75-R25 Ident No.: 0025297	250	58	25	75	700

Suitable castors can be found on pages 174, 175

Matching accessories can be found on page 432

wheels // PAL and PAH plain bearing



wide
variety

Features:

- PAL and PAH plain bearing wheels:
- made of polyamide 6 with plain bearing
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: PO)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAL-040-33-35-G10 Ident No.: 0022584	40	33	10	35	80
PAL-045-19-22-G10 Ident No.: 0022687	45	19	10	22	70
PAL-050-17-20-G10 Ident No.: 0022587	50	17	10	20	150
PAL-050-19-22-G10 Ident No.: 0022586	50	19	10	22	50
PAL-050-25-28-G10 Ident No.: 0022588	50	25	10	28	150
PAL-060-20-22-G10 Ident No.: 0024802	60	20	10	22	110
PAL-060-20-25-G10 Ident No.: 0031965	60	20	10	25	150
PAL-075-24-28-G12 Ident No.: 0022590	75	24	12	28	150
PAH-080-33-35-G12 Ident No.: 0037728	80	33	12	35	500
PAH-080-33-35-G20 Ident No.: 0022591	80	33	20	35	500
PAL-100-35-44-G20 Ident No.: 0036654	100	35	20	44	150
PAH-100-40-48-G15 Ident No.: 0022595	100	40	15	48	500
PAH-100-50-60-G15 Ident No.: 0022600	100	50	15	60	600
PAL-125-38-40-G20 Ident No.: 0022623	125	38	20	40	300
PAL-125-40-48-G15 Ident No.: 0022620	125	40	15	48	250
PAL-125-40-44-G15 Ident No.: 0022628	125	40	15	44	300

wheels	    				
	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
PAH-125-40-53-G15 Ident No.: 0022615	125	40	15	53	600
PAH-125-40-53-G20 Ident No.: 0030776	125	40	20	53	600
PAL-125-43-58-G20 Ident No.: 0022612	125	43	20	58	450
PAH-125-45-58-G20 Ident No.: 0015601	125	45	20	58	750
PAH-125-50-60-G20 Ident No.: 0022625	125	50	20	60	800
PAL-150-40-50-G15 Ident No.: 0022629	150	40	15	50	400
PAL-150-40-50-G20 Ident No.: 0028195	150	40	20	50	350
PAH-150-40-53-G20 Ident No.: 0022633	150	40	20	53	700
PAH-150-45-58-G20 Ident No.: 0015604	150	45	20	58	800
PAL-160-40-58-G20 Ident No.: 0022641	160	40	20	58	400
PAH-160-50-58-G20 Ident No.: 0022642	160	50	20	58	850
PAH-175-40-57-G20 Ident No.: 0022644	175	40	20	57	800
PAL-175-45-50-G15 Ident No.: 0022645	175	45	15	50	400
PAL-200-40-50-G15 Ident No.: 0022651	200	40	15	50	450
PAL-200-40-50-G20 Ident No.: 0033174	200	40	20	50	450
PAL-200-50-54-G35 Ident No.: 0031414	200	50	35	54	500
PAH-200-50-58-G20 Ident No.: 0015603	200	50	20	58	1,000
PAH-200-50-60-G20 Ident No.: 0033972	200	50	20	60	1,200
PAH-200-50-60-G25 Ident No.: 0022659	200	50	25	60	1,300
PAH-250-50-60-G25 Ident No.: 0022663	250	50	25	60	800
PAH-300-60-70-G30 Ident No.: 0022676	300	60	30	70	2,000

wheels // PAL and PAH roller bearing



Features:

- PAL wheels and PAH roller bearings:
- made of polyamide 6 with roller bearing
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: PO)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAH-080-33-35-R15 Ident No.: 0022592	80	33	15	35	500
PAH-100-40-48-R15 Ident No.: 0022596	100	40	15	48	600
PAH-125-38-48-R15 Ident No.: 0022613	125	38	15	48	700
PAH-125-45-58-R20 Ident No.: 0015602	125	45	20	58	750
PAH-150-45-58-R20 Ident No.: 0015605	150	45	20	58	800
PAH-200-50-58-R20 Ident No.: 0022652	200	50	20	58	1,000
PAH-250-50-58-R20 Ident No.: 0022674	250	50	20	58	700
PAH-250-50-58-R25 Ident No.: 0038439	250	50	25	58	700

floors



Features:

- PAM plain bearing wheels:
- polyamide 6 wheel body with plain bearing
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: POKS)



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAM-080-35-40-G12 Ident No.: 0014368	80	35	12	40	200
PAM-100-35-40-G12 Ident No.: 0014369	100	35	12	40	300
PAM-125-40-50-G15 Ident No.: 0014370	125	40	15	50	400
PAM-150-45-60-G20 Ident No.: 0014371	150	45	20	60	700
PAM-160-45-60-G20 Ident No.: 0014372	160	45	20	60	700
PAM-200-50-60-G20 Ident No.: 0014373	200	50	20	60	1,000
PAM-200-50-60-G25 Ident No.: 0031416	200	50	25	60	1,000
PAM-250-60-75-G25 Ident No.: 0016978	250	60	25	75	1,300

wheels // PAM and PAH ball bearing



Features:

- PAM and PAH wheels:
- polyamide 6 wheel body with ball bearing
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: POKS and 820)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAM-080-35-40-K12 Ident No.: 0015402	80	35	12	40	200
PAM-100-35-40-K12 Ident No.: 0015403	100	35	12	40	300
PAH-100-40-48-K15 Ident No.: 0022598	100	40	15	48	500
PAM-125-40-50-K15 Ident No.: 0015404	125	40	15	50	400
PAH-125-50-60-K20 Ident No.: 0022626	125	50	20	60	800
PAM-150-45-60-K20 Ident No.: 0015405	150	45	20	60	700
PAH-150-50-60-K20 Ident No.: 0022637	150	50	20	60	900
PAM-160-45-60-K20 Ident No.: 0015406	160	45	20	60	700
PAM-200-50-60-K20 Ident No.: 0015407	200	50	20	60	1,000
PAM-200-50-60-K25 Ident No.: 0035765	200	50	25	60	1,000
PAM-250-60-75-K25 Ident No.: 0016979	250	60	25	75	1,300
PAH-250-50-60-K25 Ident No.: 0022672	250	50	25	60	1,500

Suitable castors can be found on pages 197, 217, 219, 293, 294

Matching accessories can be found on page 432

floors**Features:**

- PAH ball bearing wheels:
- made of polyamide 6 with ball bearing
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long working life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: PO)



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAH-100-50-60-K20 Ident No.: 0022607	100	50	20	60	600
PAH-125-40-53-K20 Ident No.: 0022618	125	40	20	53	600
PAH-125-38-48-K20 Ident No.: 0022621	125	38	20	48	700
PAH-150-40-40-K20 Ident No.: 0034852	150	40	20	40	700
PAH-200-50-60-K25 Ident No.: 0022657	200	50	25	60	1,300
PAH-250-58-75-K25 Ident No.: 0014394	250	58	25	75	1,700
PAH-300-60-70-K25 Ident No.: 0022677	300	60	25	70	2,000

Suitable castors can be found on pages 238, 245

Matching accessories can be found on page 432



Cast polyamide for maximum loads

The material cast polyamide is resistant against breakages and corrosion. It has an extremely high load capacity, tensile strength and compressive strength. The high surface pressure must be observed when using this material on pressure-sensitive floors.

Properties

- ♥ high load capacity
- ♥ low rolling resistance
- ♥ durable and abrasion-resistant
- ♥ excellent chemical resistance
- ♥ resistant to impacts and shock
- ♥ odorless, taste-free, hygienic
- ♥ long working life
- ♥ dimensionally stable



Shore hardness

approx. 80° Shore D

Temperature range

cast polyamide can be used from 40° C to 90° C

Bearing types

- ♥ plain bearing (through hole)
- ♥ ball bearing
- ♥ precision bore and keyway groove

areas of use // floors





high load
capacity

Features:

- GPA wheels:
- made of tough, highly compressed cast polyamide with ball bearing

Properties:

- high load capacity
- low rolling resistance, durable and abrasion resistant
- excellent chemical resistance
- resistant to impacts and shock
- odorless, taste-free, hygienic
- long working life, resistant to deformation
- (old designation: GPOS)

floors



"Trust in our strength – for heavy loads and high ratings"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
GPA-050-60-60-K08 Ident No.: 0036542	50	60	8	60	200
GPA-080-40-45-K20 Ident No.: 0028330	80	40	20	45	1,000
GPA-100-40-45-K25 Ident No.: 0028331	100	40	25	45	1,250
GPA-100-55-60-K20 Ident No.: 0036889	100	55	20	60	2,000
GPA-125-55-60-K25 Ident No.: 0028332	125	55	25	60	2,000
GPA-150-55-60-K30 Ident No.: 0028333	150	55	30	60	2,500
GPA-150-65-65-K25 Ident No.: 0033778	150	65	25	65	2,500
GPA-150-80-90-K35 Ident No.: 0038558	150	80	35	90	3,000
GPA-150-90-90-K35 Ident No.: 0034677	150	90	35	90	3,000
GPA-200-55-55-K25 Ident No.: 0036675	200	55	25	55	3,000
GPA-200-55-60-K35 Ident No.: 0028334	200	55	35	60	3,000
GPA-200-55-60-K40 Ident No.: 0033480	200	55	40	60	3,000
GPA-200-80-90-K45 Ident No.: 0028335	200	80	45	90	4,500
GPA-250-65-75-K45 Ident No.: 0028336	250	65	45	75	5,000
GPA-250-80-90-K50 Ident No.: 0032865	250	80	50	90	6,000

Suitable castors can be found on page 247

Matching accessories can be found on page 432



Grey cast iron is suitable for high loads at extreme temperatures

It is a durable and wear-resistant material. The material's load capacity, hardness and tensile strength remain unchanged across a wide temperature range (-100° C to +600° C). The high surface pressure must be observed when using this material on pressure-sensitive floors.

Properties

- ☞ high load capacity
- ☞ durable
- ☞ extremely temperature resistant
- ☞ high elongation at breakage
- ☞ low rolling resistance
- ☞ excellent chemical resistance



Hardness range

approx. 180 – 220 HB (ball pressure hardness)

Temperature range

grey cast iron can be used from -100° C to 600° C,
depending on the wheel and castor series

Bearing types

- ☞ plain bearing (through hole)
- ☞ ball bearing
- ☞ precision bore and keyway groove

areas of use // floors





Features:

- GGG wheels:
- made of special grey cast iron with plain bearing
- cleanly cast, de-burred and painted

Properties:

- high load capacity
- durable
- extremely temperature resistant
- high elongation at breakage
- low rolling resistance
- excellent chemical resistance
- (old designation: 101-plain bearing)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
GGG-065-30-34-G07-blue Ident No.: 0010063	65	30	7	34	150
GGG-080-35-39-G10-blue Ident No.: 0010065	80	35	10	39	250
GGG-100-35-44-G12-blue Ident No.: 0010069	100	35	12	40	350
GGG-125-35-49-G12-blue Ident No.: 0010074	125	35	12	49	450
GGG-150-50-58-G15-blue Ident No.: 0010081	150	50	15	58	650
GGG-160-50-58-G15-blue Ident No.: 0010084	160	50	15	58	700
GGG-200-50-58-G20-blue Ident No.: 0010086	200	50	20	58	1,000
GGG-250-60-65-G25-blue Ident No.: 0010091	250	60	25	65	1,250

Suitable castors can be found on page 221

Matching accessories can be found on page 432

floors



Features:

- GGK wheels:
- made of special grey cast iron with ball bearing
- cleanly cast, de-burred and painted

Properties:

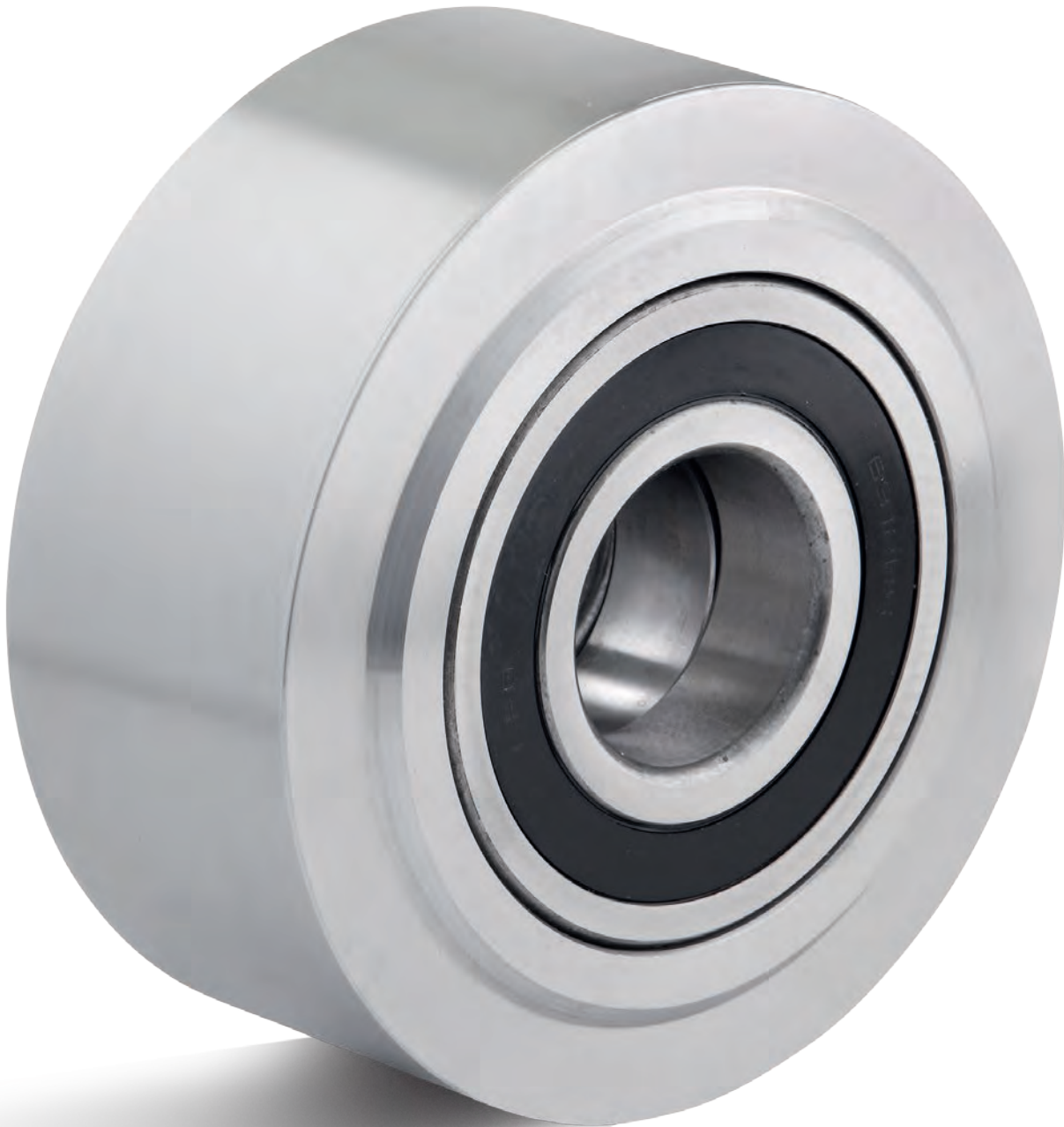
- high load capacity
- durable
- extremely temperature resistant
- high elongation at breakage
- low rolling resistance
- excellent chemical resistance
- (old designation: 101-ball bearing)



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
GGK-100-30-30-K15 Ident No.: 0010071	100	30	15	30	300
GGK-125-32-32-K15 Ident No.: 0010075	125	32	15	32	400
GGK-150-45-60-K20 Ident No.: 0039225	150	45	20	60	600
GGK-200-48-48-K20 Ident No.: 0036835	200	48	20	48	1,000
GGK-200-45-60-K25 Ident No.: 0039226	200	45	25	60	1,000
GGK-200-48-48-K25 Ident No.: 0010087	200	48	25	48	1,000
GGK-250-60-67-K20 Ident No.: 0032128	250	60	20	67	1,250
GGK-250-60-67-K25 Ident No.: 0032850	250	60	25	67	1,250

Suitable castors can be found on page 223

Matching accessories can be found on page 432



All-steel wheels with extremely high carrying capacity.

Steel has an extremely high static and dynamic load capacity. Our all-steel wheels are machined from C45/10503 and have a lightly oiled surface. Other qualities of steel, surface coatings and dimensions are also available on request. The high surface pressure must be observed when using this material on pressure-sensitive floors.

Properties

- 🔗 very high static and dynamic load-carrying capacity
- 🔗 run well on smooth floor surfaces
- 🔗 very high abrasion resistance
- 🔗 very low rolling resistance
- 🔗 electrically conductive



Hardness range

approx. 190 – 230 HB (ball pressure hardness)

Temperature range

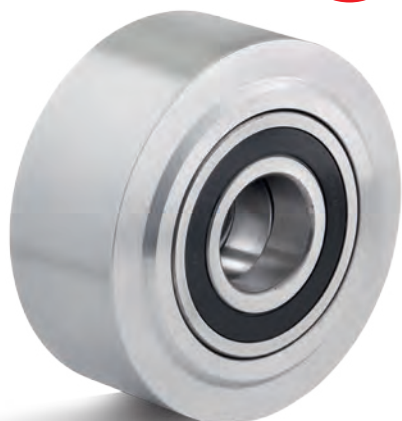
steel can be used from -100° C to +600° C,
depending on the wheel and castor series

Bearing types

- 🔗 plain bearing (through hole)
- 🔗 ball bearing
- 🔗 precision bore and keyway groove

areas of use // floors





high load
capacity

Features:

- STS wheels:
- all-steel wheels with ball bearings
- surface lightly oiled

Properties:

- very high static and dynamic load capacity
- runs well on smooth floor surfaces
- very high abrasion resistance
- very low rolling resistance
- electrically conductive
- (old designation: 6/...)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
STS-075-35-35-K15 Ident No.: 0036626	75	35	15	35	600
STS-080-34-34-K25 Ident No.: 0035662	80	34	25	34	700
STS-100-40-45-K25 Ident No.: 0028591	100	40	25	45	1,700
STS-100-50-50-K15 Ident No.: 0012639	100	50	15	50	1,200
STS-125-55-60-K30 Ident No.: 0028592	125	55	30	60	2,750
STS-130-60-60-K20 Ident No.: 0012641	130	60	20	60	2,200
STS-150-45-45-K45 Ident No.: 0034776	150	45	45	45	3,200
STS-150-55-60-K45 Ident No.: 0028593	150	55	45	60	4,000
STS-150-60-60-K20 Ident No.: 0012643	150	60	20	60	2,500
STS-200-55-60-K50 Ident No.: 0028594	200	55	50	60	6,000
STS-200-60-60-K20 Ident No.: 0012646	200	60	20	60	3,800
STS-200-60-60-K25 Ident No.: 0011201	200	60	25	60	3,800
STS-200-80-90-K20 Ident No.: 0039864	200	80	20	90	3,800
STS-200-80-90-K60 Ident No.: 0028595	200	80	60	90	6,000
STS-250-65-75-K70 Ident No.: 0028596	250	65	70	75	10,000

Suitable castors can be found on pages 241, 249

Matching accessories can be found on page 432



Heat-resistant wheels and castors

Solid rubber and plastic materials can be mixed in special combinations so that they are extremely temperature resistant from -40° C to +300° C. These wheels and castors were specially developed for use in applications with high temperature fluctuations (such as in baking and curing ovens).

Properties

- extremely temperature resistant



Note

- the load-carry capacity is reduced at temperatures above 30° C
- solid rubber wheels can become temporarily flattened if they are kept in one position over a long period and at high temperatures.
- plastic wheels are not entirely suitable for crossing thresholds and for use on uneven floors

Hardness range

depends on the tread material

Temperature range

depends on the series of wheel

Bearing types

- plain bearing (through hole)
- ball bearing

areas of use // floors





Features:

- HGK wheels:
- wheel body made of plastic, black, with plain or ball bearing
- rubber tread, red

Properties:

- non-marking
- permanently elastic
- extremely temperature resistant: -60° C to +250° C
- (old designation: HI-Soft)

Note:

The specified load-carrying capacity is reduced by approx. 30% when the max. warming level is reached.



"Wide temperature range"

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
HGK-080-30-39-G12-red Ident No.: 0034413	80	30	12	39	40
HGK-100-30-38-G12-red Ident No.: 0016811	100	30	12	38	60
HGK-125-30-38-G12-red Ident No.: 0016816	125	30	12	38	80
HGK-150-40-58-K20-red Ident No.: 0033075	150	40	20	58	100
HGK-200-50-59-G20-black Ident No.: 0080034	200	50	20	59	200

Suitable castors can be found on page 179

Matching accessories can be found on page 432

floors**Features:**

- HDK wheels:
- plastic wheel body, black, with plain bearings

Properties:

- extremely temperature resistant: -40° C to +250° C
- (old designation: HI)

Note:

These wheels are not entirely suitable for crossing thresholds and for use on uneven floors.



"Duroplast castors: for up to 250° C"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
HDK-080-33-40-G12 Ident No.: 0016807	80	33	12	40	150
HDK-100-34-40-G12 Ident No.: 0016809	100	34	12	40	160
HDK-125-40-48-G15 Ident No.: 0016814	125	40	15	48	180
HDK-150-50-58-G20 Ident No.: 0016818	150	50	20	58	250
HDK-200-52-58-G20 Ident No.: 0016822	200	52	20	58	300

Suitable castors can be found on page 177

Matching accessories can be found on page 432



Features:

- PAA wheel series:
- polyamide wheel body with plain bearing
- temperature resistance: -25° C to +80° C
- polyamide can absorb and release moisture

Properties:

- excellent chemical resistance
- long working life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: GL)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAA-015-12-12-G05 Ident No.: 0016647	15	12	5	12	20
PAA-025-14-15-G05 Ident No.: 0016648	25	14	5	15	30
PAA-030-15-16-G05 Ident No.: 0016649	30	15	5	16	35
PAA-032-18-20-G06 Ident No.: 0016650	32	18	6	20	40
PAA-038-18-20-G06 Ident No.: 0016654	38	18	6	20	40
PAA-045-18-20-G06 Ident No.: 0016655	45	18	6	20	45
PAA-050-18-21-G08 Ident No.: 0016660	50	18	8	20.5	50
PAA-075-23-28-G08 Ident No.: 0016665	75	23	8	28	60
PAA-100-23-29-G08 Ident No.: 0016678	100	23	8	29	60

Suitable castors can be found on pages 326, 331, 332, 333, 334

Matching accessories can be found on page 432

floors**Features:**

- TPGK wheel series:
- polypropylene wheel body with plain bearing
- temperature resistance: -20° C to +60° C
- thermoplastic rubber tread, grey, approx. 85° shore A

Properties:

- runs quietly
- non-marking
- low rolling resistance
- (old designation: P and TPG)



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
TPGK-050-18-22-G06 Ident No.: 0022475	50	18	6	21.5	40
TPGK-050-18-22-G08 Ident No.: 0022478	50	18	8	21.5	40
TPGK-075-23-29-G06 Ident No.: 0022485	75	23	6	29	50
TPGK-075-23-28-G08 Ident No.: 0022486	75	23	8	28	50
TPGK-080-31-37-G12 Ident No.: 0025262	80	31	12	36.5	70
TPGK-100-23-29-G08 Ident No.: 0022495	100	23	8	29	65
TPGK-100-23-29-G12 Ident No.: 0022492	100	23	12	29	60
TPGK-100-31-37-G12 Ident No.: 0025263	100	31	12	36.5	80
TPGK-125-29-34-G12 Ident No.: 0022498	125	29	12	33.5	60
TPGK-125-31-37-G12 Ident No.: 0025264	125	31	12	36.5	100

Suitable castors can be found on pages 337, 338, 339, 340, 349, 350

Matching accessories can be found on page 432



Features:

- TPBK wheel series:
- polypropylene wheel body with ball bearing
- temperature resistance: -20° C to 60° C
- grey thermoplastic rubber tread, approx. 85° shore A
- with thread guards to protect the ball bearing from dust and dirt

Properties:

- runs quietly
- non-marking
- low rolling resistance
- (old designation: KO and TPK)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
TPBK-050-19-21-K06 Ident No.: 0035348	50	19	6	20.5	40
TPBK-050-19-23-K06 Ident No.: 0017259	50	19	6	22.5	40
TPBK-075-23-29-K06 Ident No.: 0017262	75	23	6	29	50
TPBK-080-31-37-K08 Ident No.: 0025266	80	31	8	36.5	70
TPBK-100-26-30-K08 Ident No.: 0017265	100	26	8	29.8	65
TPBK-100-31-37-K08 Ident No.: 0025268	100	31	8	36.5	80
TPBK-125-31-37-K08 Ident No.: 0025270	125	31	8	36.5	100



"This smooth-running series is innovative and affordable"

Suitable castors can be found on pages 343, 344, 345, 346, 353, 354

Matching accessories can be found on page 432



smooth-running series

Features:

- PUBK wheel series:
- polyamide 6 wheel body with ball bearing
- polyurethane tread, approx. 95° shore A
- with thread guards to protect the ball bearing from dust and dirt

Properties:

- high load capacity
- low abrasion, non-marking, low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- (old designation: PSK)



"Affordable smooth-running series for heavier loads"

floors



wheels

PUBK-080-31-37-K08
Ident No.: 0025267

PUBK-100-31-37-K08
Ident No.: 0025269

PUBK-125-31-37-K08
Ident No.: 0025271



wheel ø
mm



wheel width
mm



axle hole ø
mm



hub length
mm



load-carrying
capacity kg

80

31

8

36.5

70

100

31

8

36.5

80

125

31

8

36.5

100

Suitable castors can be found on pages 357, 358

Matching accessories can be found on page 432

floors**Features:**

- SGR wheel series:
- lightweight solid rubber wheels
- plastic rim with plain bearing

Properties:

- runs quietly
- affordable
- absorbs vibration
- (old designation: series A)



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
SGR-080-26-35-G08 Ident No.: 0014777	80	26	8	35	30
SGR-100-30-35-G10 Ident No.: 0014778	100	30	10	35	35
SGR-125-35-44-G15 Ident No.: 0014779	125	35	15	44	50
SGR-150-40-44-G15 Ident No.: 0014780	150	40	15	44	80
SGR-175-45-58-G20 Ident No.: 0014782	175	45	20	58	100
SGR-200-50-58-G20 Ident No.: 0014783	200	50	20	58	120
SGR-250-50-58-G20 Ident No.: 0014784	250	50	20	58	120
SGR-250-50-58-G25 Ident No.: 0014785	250	50	25	58	120
SGR-250-60-72-G20 Ident No.: 0014786	250	60	20	72	150
SGR-300-60-72-G25 Ident No.: 0014787	300	60	25	72	150



Features:

- SGRE wheel series:
- lightweight solid rubber wheels
- temperature resistance: -20° C to +60° C, plastic rim with plain bearing
- honeycomb style rim with cover
- offset hub

Properties:

- runs quietly
- affordable
- absorbs vibration
- (old designation: series AC)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
SGRE-200-50-44-G20 Ident No.: 0014829	200	50	20	44	100
SGRE-250-70-58-G20 Ident No.: 0014830	250	70	20	58	120
SGRE-250-70-58-G25 Ident No.: 0014831	250	70	25	58	120
SGRE-300-70-58-G20 Ident No.: 0025496	300	70	20	58	120
SGRE-300-70-58-G25 Ident No.: 0014832	300	70	25	58	140

floors**Features:**

- SGRE-white series:
- lightweight solid rubber wheels
- temperature resistance: -20° C to +60° C, plastic rim with plain bearing
- closed rim
- with cover
- offset hub

Properties:

- runs quietly
- affordable
- absorbs vibration
- (old designation: AG wheel series)



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
SGRE-125-30-38-G15-white Ident No.: 0014834	125	30	15	38	30
SGRE-150-45-44-G12-white Ident No.: 0014835	150	45	12	44	80
SGRE-170-45-44-G12-white Ident No.: 0014836	170	45	12	44	90
SGRE-200-45-44-G12-white Ident No.: 0014837	200	45	12	44	100

STANDARD CASTORS UP TO 450 KG



SERIES	standard castors solid rubber	standard castors elastic solid rubber	standard castors thermoplastic	standard castors polyurethane	standard castors elastic polyurethane	standard castors pneumatic tires
LOAD-CARRYING CAPACITY	up to 385 kg	up to 400 kg	up to 450 kg	up to 450 kg	up to 450 kg	up to 250 kg
WHEEL-Ø	80 mm - 280 mm	80 mm - 250 mm	80 mm - 250 mm	80 mm - 250 mm	80 mm - 250 mm	150 mm – 400 mm
MATERIAL/TIRES	standard solid rubber	elastic solid rubber	thermoplastic	polyurethane	elastic polyurethane	pneumatic tires
BEARING	plain bearing, castor bearing	ball bearing	plain bearing, ball bearing	plain bearing, ball bearing	ball bearing	plain bearing, roller bearing, ball bearing
PAGES	114	126	135	142	148	152



	standard puncture-proof castors	mini heavy-duty standard castor	standard castors IN	standard polypropylene castors	standard polyamide castors	heat-resistant castors
	up to 200 kg	up to 150 kg	up to 250 kg	up to 350 kg	up to 350 kg	up to 300 kg
	100 mm - 400 mm	35 mm - 50 mm	100 mm - 125 mm	80 mm - 250 mm	80 mm - 250 mm	80 mm – 200 mm
	foamed polyurethane	polyurethane	polyamide elastic-solid rubber polyurethane	polypropylene	polyamide	solid rubber, plastic, heat-resistant
	roller bearing, ball bearing	plain bearing, ball bearing	ball bearing	plain bearing, roller bearing, ball bearing	plain bearing, roller bearing, ball bearing	plain bearing
	154	158	160	164	170	176



***“Versatile, affordable,
optimally designed”***



Castors with **standard housing up to 450 kg**

Torwegge's standard housings are made from deep-drawn, galvanized steel sheet. The solid-riveted, double ball bearing in the slewing ring delivers an advantageous price-performance ratio when used for hand-held logistics applications. Castors in standard housing are commonly used by a variety of sectors in transport racks. They can carry a max. load of 1,200 kg at 4 km/h.

Housing description

- versions with mounting plate or bolt hole
- double-brake versions with pre-run or post-run
- all castors up to 200 mm in diameter have a directional lock recess
- fork head with double ball bearing
- single riveting
- seal with integrated ball spacer
- maintenance-free: lubricated with long-life grease
- can be retrofitted with foot protection

Temperature range

-25° C to + 90° C; heat-resistant range up to 250° C

areas of use // floors





Features:

- SGS wheels:
- wheel body made of steel sheet with roller bearing
- tread made of odorless standard solid rubber tires, black, approx. 80° – 85° shore A

Properties:

- runs quietly
- affordable
- absorbs vibration
- also available with grey tires
- (old designation: 522)

floors



wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
SGS-080-25-40-R12 Ident No.: 0013140	80	25	12	40	50
SGS-100-30-40-R12 Ident No.: 0013149	100	30	12	40	70
SGS-125-38-50-R15 Ident No.: 0013159	125	38	15	50	100
SGS-140-37-49-R20 Ident No.: 0013181	140	37	20	49	120
SGS-160-40-60-R20 Ident No.: 0013190	160	40	20	60	135
SGS-180-50-60-R20 Ident No.: 0013224	180	50	20	60	170
SGS-200-50-60-R20 Ident No.: 0013231	200	50	20	60	205
SGS-225-55-58-R20 Ident No.: 0013254	225	55	20	58	250
SGS-250-60-75-R25 Ident No.: 0013257	250	60	25	75	295
SGS-280-70-75-R25 Ident No.: 0013325	280	70	25	75	385



3-DSP (plate+brake
+directional lock)

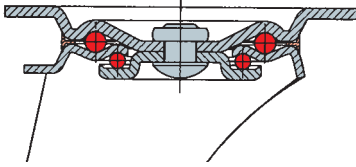


foot protection

Suitable castors can be found on pages 115, 116

Matching accessories can be found on page 432

solid rubber // standard housing IS, IL // up to 385 kg



Features:

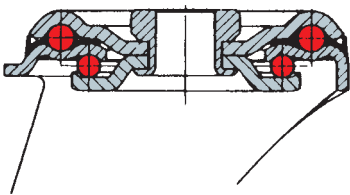
- castors IS, IL:
- standard steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LI)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IS-SGS-080-R-3 ID: 0029261	L-IS-SGS-080-R-3-DSN ID: 0029266	B-IS-SGS-080-R ID: 0029271	80	25	100	36	105 x 80	80 x 60	9	50
L-IS-SGS-100-R-3 ID: 0029262	L-IS-SGS-100-R-3-DSN ID: 0029267	B-IS-SGS-100-R ID: 0029272	100	30	125	38	105 x 80	80 x 60	9	70
L-IS-SGS-100-R-3-GP ID: 0033570	L-IS-SGS-100-R-3-DSN-GP ID: 0040514	B-IS-SGS-100-R-GP ID: 0032436	100	30	128	46	135 x 110	105 x 80	11	70
L-IS-SGS-125-R-3 ID: 0029263	L-IS-SGS-125-R-3-DSN ID: 0029268	B-IS-SGS-125-R ID: 0029273	125	38	155	38	105 x 80	80 x 60	9	100
L-IS-SGS-125-R-3-GP ID: 0035811	L-IS-SGS-125-R-3-DSN-GP ID: 0040070	B-IS-SGS-125-R-GP ID: 0040071	125	38	155	48	135 x 110	105 x 80	11	100
L-IS-SGS-140-R-3 ID: 0029818	L-IS-SGS-140-R-3-DSV ID: 0029819	B-IS-SGS-140-R ID: 0029820	140	37	173	46	115 x 85	80 x 60	9	120
L-IS-SGS-160-R-3 ID: 0029264	L-IS-SGS-160-R-3-DSN ID: 0029269	B-IS-SGS-160-R ID: 0029274	160	40	190	52	135 x 110	105 x 80	11	135
L-IS-SGS-180-R-3 ID: 0029821	L-IS-SGS-180-R-3-DSN ID: 0029822	B-IS-SGS-180-R ID: 0029823	180	50	210	53	135 x 110	105 x 80	11	170
L-IS-SGS-200-R-3 ID: 0029265	L-IS-SGS-200-R-3-DSN ID: 0029270	B-IS-SGS-200-R ID: 0029275	200	50	235	54	135 x 110	105 x 80	11	205
L-IS-SGS-225-R-3 ID: 0013442	L-IS-SGS-225-R-3-DSV ID: 0013443	B-IS-SGS-225-R ID: 0013733	225	55	250	53	135 x 110	105 x 80	11	250
L-IS-SGS-250-R-3 ID: 0034347	L-IS-SGS-250-R-3-DSV ID: 0013455	B-IS-SGS-250-R ID: 0013739	250	60	290	66	135 x 110	105 x 80	11	275
L-IS-SGS-280-R-3 ID: 0013462	L-IS-SGS-280-R-3-DSV ID: 0013463	B-IS-SGS-280-R ID: 0013743	280	70	320	72	200 x 160	160 x 120	14	385

Matching accessories can be found on page 432

solid rubber // standard housing IS, IL // up to 205 kg



Features:

- castor series IS, IL:
- standard steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LI)



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-IS-SGS-080-R-1 ID: 0030271	L-IS-SGS-080-R-1-DSN ID: 0030276	80	25	99	36	12	50
L-IS-SGS-100-R-1 ID: 0030272	L-IS-SGS-100-R-1-DSN ID: 0030277	100	30	124	38	12	70
L-IS-SGS-125-R-1 ID: 0030273	L-IS-SGS-125-R-1-DSN ID: 0030278	125	38	154	38	12	100
L-IS-SGS-160-R-1 ID: 0030274	L-IS-SGS-160-R-1-DSN ID: 0030279	160	40	190	52	12	135
L-IS-SGS-200-R-1 ID: 0030275	L-IS-SGS-200-R-1-DSN ID: 0030280	200	50	235	54	12	205



-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432

floors



Features:

- SGK wheel series:
- wheel body made of plastic with roller bearing
- tread made of odorless standard solid rubber tires, black, approx. 80° – 85° shore A

Properties:

- runs quietly
- affordable
- absorbs vibration
- also available with grey tread
- (old designation: 522/.../KU)



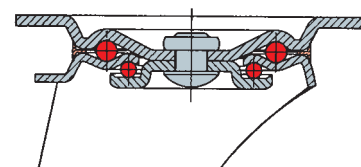
"Wide variety"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
SGK-080-25-40-R12 Ident No.: 0013144	80	25	12	40	50
SGK-100-30-40-R12 Ident No.: 0013154	100	30	12	40	70
SGK-125-38-50-R15 Ident No.: 0013166	125	38	15	50	100
SGK-160-40-60-R20 Ident No.: 0013195	160	40	20	60	135
SGK-180-45-60-R20 Ident No.: 0013226	180	45	20	60	180
SGK-200-50-60-R20 Ident No.: 0013239	200	50	20	60	205
SGK-250-60-75-R25 Ident No.: 0013265	250	60	25	75	295

Suitable castors can be found on pages 118, 119

Matching accessories can be found on page 432

solid rubber // standard housing IS, IL // up to 295 kg



Features:

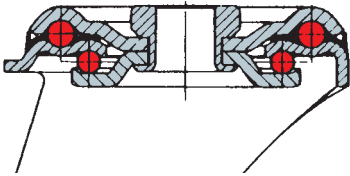
- castor series IS, IL:
- standard steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LI)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IS-SGK-080-R-3 ID: 0029276	L-IS-SGK-080-R-3-DSN ID: 0029281	B-IS-SGK-080-R ID: 0029286	80	25	100	36	105 x 80	80 x 60	9	50
L-IS-SGK-100-R-3 ID: 0029277	L-IS-SGK-100-R-3-DSN ID: 0029282	B-IS-SGK-100-R ID: 0029287	100	30	125	38	105 x 80	80 x 60	9	70
L-IS-SGK-100-R-3-GP ID: 0040562	L-IS-SGK-100-R-3-DSN-GP ID: 0040563	B-IS-SGK-100-R-GP ID: 0040564	100	30	128	38	135 x 105	105 x 80	11	70
L-IS-SGK-125-R-3 ID: 0029278	L-IS-SGK-125-R-3-DSN ID: 0029283	B-IS-SGK-125-R ID: 0029288	125	38	155	38	105 x 80	80 x 60	9	100
L-IS-SGK-125-R-3-GP ID: 0040565	L-IS-SGK-125-R-3-DSN-GP ID: 0040566	B-IS-SGK-125-R-GP ID: 0040567	125	83	155	48	135 x 105	105 x 80	11	100
L-IS-SGK-160-R-3 ID: 0029279	L-IS-SGK-160-R-3-DSN ID: 0029284	B-IS-SGK-160-R ID: 0029289	160	40	190	52	135 x 110	105 x 80	11	135
L-IS-SGK-180-R-3 ID: 0031951	L-IS-SGK-180-R-3-DSN ID: 0037767	B-IS-SGK-180-R ID: 0036018	180	50	210	53	135 x 110	105 x 80	11	170
L-IS-SGK-200-R-3 ID: 0029280	L-IS-SGK-200-R-3-DSN ID: 0029285	B-IS-SGK-200-R ID: 0029290	200	50	235	54	135 x 110	105 x 80	11	205
L-IS-SGK-250-R-3 ID: 0029734	L-IS-SGK-250-R-3-DSV ID: 0029735	B-IS-SGK-250-R ID: 0029736	250	60	290	66	135 x 114	105 x 80	11	295

Matching accessories can be found on page 432

solid rubber // standard housing IS, IL // up to 295 kg



Features:

- castor series IS, IL:
- standard steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LI)



							
swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IS-SGK-080-R-1 ID: 0030281	L-IS-SGK-080-R-1-DSN ID: 0030286	80	25	99	36	12	50
L-IS-SGK-100-R-1 ID: 0030282	L-IS-SGK-100-R-1-DSN ID: 0030287	100	30	124	38	12	70
L-IS-SGK-125-R-1 ID: 0030283	L-IS-SGK-125-R-1-DSN ID: 0030288	125	38	154	38	12	100
L-IS-SGK-160-R-1 ID: 0030284	L-IS-SGK-160-R-1-DSN ID: 0030289	160	40	190	52	12	135
L-IS-SGK-200-R-1 ID: 0030285	L-IS-SGK-200-R-1-DSN ID: 0030290	200	50	235	54	12	205

Matching accessories can be found on page 432



Features:

- SGS-grey wheel series:
- wheel body made of steel sheet with roller bearing
- tread made of odorless standard solid rubber tires, grey, approx. 80° – 85° shore A

Properties:

- non-marking
- runs quietly
- affordable
- absorbs vibration
- (old designation: 522/.../BG)

floors

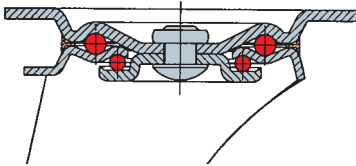


wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
SGS-080-25-40-R12-grey Ident No.: 0013141	80	25	12	40	50
SGS-100-30-40-R12-grey Ident No.: 0013150	100	30	12	40	70
SGS-125-38-50-R15-grey Ident No.: 0013161	125	38	15	50	100
SGS-140-38-48-R20-grey Ident No.: 0013182	140	38	20	48	120
SGS-160-40-60-R20-grey Ident No.: 0013192	160	40	20	60	135
SGS-180-48-58-R20-grey Ident No.: 0013225	180	48	20	58	180
SGS-200-50-60-R20-grey Ident No.: 0013236	200	50	20	60	200
SGS-250-60-75-R25-grey Ident No.: 0013262	250	60	25	75	295

Suitable castors can be found on pages 121, 122

Matching accessories can be found on page 432

solid rubber // standard housing IS, IL // up to 295 kg



Features:

- castor series IS, IL:
- standard steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LI)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IS-SGS-080-R-3-grey ID: 0029346	L-IS-SGS-080-R-3-DSN-grey ID: 0029351	B-IS-SGS-080-R-grey ID: 0029356	80	25	100	36	105 x 80	80 x 60	9	50
L-IS-SGS-100-R-3-grey ID: 0029347	L-IS-SGS-100-R-3-DSN-grey ID: 0029352	B-IS-SGS-100-R-grey ID: 0029357	100	30	125	38	105 x 80	80 x 60	9	70
L-IS-SGS-125-R-3-grey ID: 0029348	L-IS-SGS-125-R-3-DSN-grey ID: 0029353	B-IS-SGS-125-R-grey ID: 0029358	125	38	155	38	105 x 80	80 x 60	9	100
L-IS-SGS-140-R-3-grey ID: 0031314	L-IS-SGS-140-R-3-DSV-grey ID: 0035515	B-IS-SGS-140-R-grey ID: 0032656	140	37	173	46	115 x 85	80 x 60	9	120
L-IS-SGS-160-R-3-grey ID: 0029349	L-IS-SGS-160-R-3-DSN-grey ID: 0029354	B-IS-SGS-160-R-grey ID: 0029359	160	40	190	52	135 x 110	105 x 80	11	135
L-IS-SGS-180-R-3-grey ID: 0031730	L-IS-SGS-180-R-3-DSN-grey ID: 0031742	B-IS-SGS-180-R-grey ID: 0031767	180	50	210	53	135 x 110	105 x 80	11	170
L-IS-SGS-200-R-3-grey ID: 0029350	L-IS-SGS-200-R-3-DSN-grey ID: 0029355	B-IS-SGS-200-R-grey ID: 0029360	200	50	235	54	135 x 110	105 x 80	11	205
L-IS-SGS-250-R-3-grey ID: 0013445	L-IS-SGS-250-R-3-DSV-grey ID: 0029837	B-IS-SGS-250-R-grey ID: 0013735	250	60	290	66	135 x 110	105 x 80	11	295



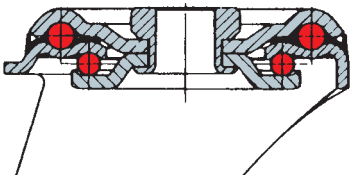
-1 (bolt hole)



1-DSN (bolt hole+ double brake)

Matching accessories can be found on page 432

solid rubber // standard housing IS, IL // up to 205 kg



- Features:**
- castor series IS, IL:
 - standard steel sheet housing, galvanized
 - fork head with double ball bearing
 - seal with integrated ball spacer
 - (old designation: LI)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IS-SGS-080-R-1-grey ID: 0030291	L-IS-SGS-080-R-1-DSN-grey ID: 0030296	80	30	99	36	12	50
L-IS-SGS-100-R-1-grey ID: 0030292	L-IS-SGS-100-R-1-DSN-grey ID: 0030297	100	30	124	38	12	70
L-IS-SGS-125-R-1-grey ID: 0030293	L-IS-SGS-125-R-1-DSN-grey ID: 0030298	125	38	154	38	12	100
L-IS-SGS-160-R-1-grey ID: 0030294	L-IS-SGS-160-R-1-DSN-grey ID: 0030299	160	40	190	52	12	135
L-IS-SGS-200-R-1-grey ID: 0030295	L-IS-SGS-200-R-1-DSN-grey ID: 0030300	200	50	235	54	12	205



-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432

floors



Features:

- SGK-grey wheel series:
- wheel body made of plastic with roller bearing
- tread made of odorless standard solid rubber tires, grey, approx. 80° – 85° shore A

Properties:

- non-marking
- runs quietly
- affordable
- absorbs vibration
- (old designation: 522/.../KUBG)

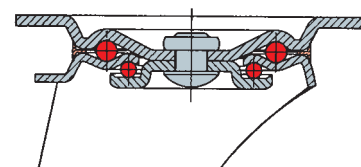


wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
SGK-080-25-40-R12-grey Ident No.: 0013145	80	25	12	40	50
SGK-100-30-40-R12-grey Ident No.: 0013155	100	30	12	40	70
SGK-125-38-50-R15-grey Ident No.: 0013168	125	38	15	50	100
SGK-160-40-60-R20-grey Ident No.: 0013198	160	40	20	60	135
SGK-200-50-60-R20-grey Ident No.: 0013241	200	50	20	60	200
SGK-250-60-75-R25-grey Ident No.: 0013267	250	60	25	75	295

Suitable castors can be found on pages 124, 125

Matching accessories can be found on page 432

solid rubber // standard housing IS, IL // up to 205 kg



Features:

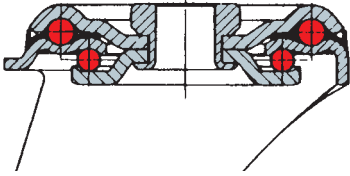
- castor series IS, IL:
- standard steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LI)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IS-SGK-080-R-3-grey ID: 0029361	L-IS-SGK-080-R-3-DSN-grey ID: 0029366	B-IS-SGK-080-R-grey ID: 0029371	80	25	100	36	105 x 80	80 x 60	9	50
L-IS-SGK-100-R-3-grey ID: 0029362	L-IS-SGK-100-R-3-DSN-grey ID: 0029367	B-IS-SGK-100-R-grey ID: 0029372	100	30	125	38	105 x 80	80 x 60	9	70
L-IS-SGK-125-R-3-grey ID: 0029363	L-IS-SGK-125-R-3-DSN-grey ID: 0029368	B-IS-SGK-125-R-grey ID: 0029373	125	38	155	38	105 x 80	80 x 60	9	100
L-IS-SGK-160-R-3-grey ID: 0029364	L-IS-SGK-160-R-3-DSN-grey ID: 0029369	B-IS-SGK-160-R-grey ID: 0029374	160	40	190	52	135 x 110	105 x 80	11	135
L-IS-SGK-200-R-3-grey ID: 0029365	L-IS-SGK-200-R-3-DSN-grey ID: 0029370	B-IS-SGK-200-R-grey ID: 0029375	200	50	235	54	135 x 110	105 x 80	11	205

Matching accessories can be found on page 432

solid rubber // standard housing IS, IL // up to 205 kg



Features:

- castor series IS, IL:
- standard steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LI)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IS-SGK-080-R-1-grey ID: 0030301	L-IS-SGK-080-R-1-DSN-grey ID: 0030306	80	25	99	36	12	50
L-IS-SGK-100-R-1-grey ID: 0030302	L-IS-SGK-100-R-1-DSN-grey ID: 0030307	100	30	124	38	12	70
L-IS-SGK-125-R-1-grey ID: 0030303	L-IS-SGK-125-R-1-DSN-grey ID: 0030308	125	38	154	38	12	100
L-IS-SGK-160-R-1-grey ID: 0030304	L-IS-SGK-160-R-1-DSN-grey ID: 0030309	160	40	190	52	12	135
L-IS-SGK-200-R-1-grey ID: 0030305	L-IS-SGK-200-R-1-DSN-grey ID: 0030310	200	50	235	54	12	205



"Bolt hole 12 or 16 mm is optionally available for wheel diameters 160 and 200 mm"

Matching accessories can be found on page 432



Features:

- EGK wheel series:
- wheel body made of plastic with roller bearing
- tread made of elastic solid rubber, approx 65° shore A
- blue wheel color

Properties:

- runs quietly
- non-marking
- absorbs vibration
- also available with grey wheels
- (old designation: ER)

floors

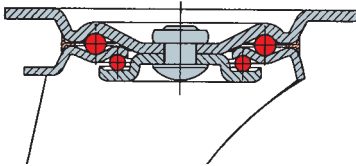


wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EGK-080-35-40-R12 Ident No.: 0028757	80	35	12	40	100
EGK-100-36-40-R12 Ident No.: 0028013	100	36	12	40	125
EGK-125-36-50-R15 Ident No.: 0028014	125	36	15	50	200
EGK-160-48-60-R20 Ident No.: 0028758	160	48	20	60	300
EGK-200-48-60-R20 Ident No.: 0028759	200	48	20	60	350

Suitable castors can be found on pages 127, 128

Matching accessories can be found on page 432

elastic rubber // standard housing IS, IL // up to 350 kg



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IL-EGK-080-R-3 ID: 0029181	L-IL-EGK-080-R-3-DSN ID: 0029186	B-IL-EGK-080-R ID: 0029641	80	35	100	36	105 x 80	80 x 60	9	100
L-IL-EGK-100-R-3 ID: 0029182	L-IL-EGK-100-R-3-DSN ID: 0029187	B-IL-EGK-100-R ID: 0029642	100	36	125	36	105 x 80	80 x 60	9	125
L-IK-EGK-100-R-3-GP ID: 0039073	L-IK-EGK-100-R-3-DSN-GP ID: 0039074	B-IK-EGK-100-R-GP ID: 0039075	100	36	128	46	135 x 110	105 x 80	11	125
L-IL-EGK-125-R-3 ID: 0029183	L-IL-EGK-125-R-3-DSN ID: 0029188	B-IL-EGK-125-R ID: 0029643	125	36	155	36	105 x 80	80 x 60	9	200
L-IK-EGK-125-R-3-GP ID: 0039952	L-IK-EGK-125-R-3-DSN-GP ID: 0039951	B-IK-EGK-125-R-GP ID: 0035488	125	36	155	48	135 x 110	105 x 80	11	200
L-IL-EGK-160-R-3 ID: 0029184	L-IL-EGK-160-R-3-DSN ID: 0029189	B-IL-EGK-160-R ID: 0029644	160	48	190	52	135 x 110	105 x 80	11	300
L-IL-EGK-200-R-3 ID: 0029185	L-IL-EGK-200-R-3-DSN ID: 0029190	B-IL-EGK-200-R ID: 0029645	200	48	235	54	135 x 110	105 x 80	11	350



foot protection



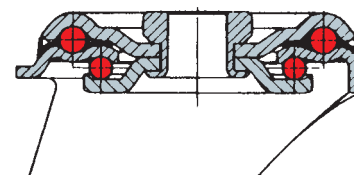
-1 (bolt hole)



1-DSN (bolt hole + double brake)

Matching accessories can be found on page 432

elastic rubber // standard housing IS, IL // up to 350 kg



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



"Bolt hole 12 or 16 mm is optionally available for wheel diameters 160 and 200 mm"

							
swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IL-EGK-080-R-1 ID: 0029646	L-IL-EGK-080-R-1-DSN ID: 0029651	80	35	103	36	12	100
L-IL-EGK-100-R-1 ID: 0029647	L-IL-EGK-100-R-1-DSN ID: 0029652	100	36	125	38	12	125
L-IL-EGK-125-R-1 ID: 0029648	L-IL-EGK-125-R-1-DSN ID: 0029653	125	36	155	38	12	200
L-IL-EGK-160-R-1 ID: 0029649	L-IL-EGK-160-R-1-DSN ID: 0029654	160	48	190	52	12	300
L-IL-EGK-200-R-1 ID: 0029650	L-IL-EGK-200-R-1-DSN ID: 0029655	200	48	235	53	12	350



-3 (plate)



3-DSN (plate+
double brake)

Matching accessories can be found on page 432

floors**Features:**

- EGA wheel series:
- die-cast aluminum wheel body with ball bearing
- tread surface made of elastic solid rubber, black, approx. 65° shore A

Properties:

- high elasticity with low rolling resistance
- runs quietly
- sturdy and shock-resistant
- absorbs vibration
- also available with grey wheels
- (old designation: F3)

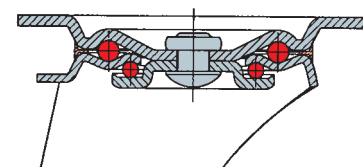
*"Pleasant driving property"*

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EGA-080-38-40-K12 Ident No.: 0017789	80	38	12	40	120
EGA-100-40-40-K12 Ident No.: 0038446	100	40	12	40	180
EGA-125-40-50-K20 Ident No.: 0038447	125	40	20	50	200
EGA-160-50-60-K20 Ident No.: 0038448	160	50	20	60	300
EGA-200-50-60-K20 Ident No.: 0037761	200	50	20	60	400
EGA-250-50-60-K25 Ident No.: 0037797	250	50	25	60	500

Suitable castors can be found on pages 130, 131, 160, 187, 203

Matching accessories can be found on page 432

elastic rubber // standard housing IS, IL // up to 400 kg



Features:

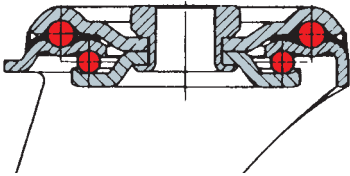
- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LI)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IL-EGA-080-K-3 ID: 0029656	L-IL-EGA-080-K-3-DSN ID: 0029681	B-IL-EGA-080-K ID: 0029687	80	38	100	36	105 x 80	80 x 60	9	120
L-IL-EGA-100-K-3 ID: 0029657	L-IL-EGA-100-K-3-DSN ID: 0029682	B-IL-EGA-100-K ID: 0029688	100	40	125	36	105 x 80	80 x 60	9	180
L-IK-EGA-100-K-3-GP ID: 0016538	L-IK-EGA-100-K-3-DSN-GP ID: 0040512	B-IK-EGA-100-K-GP ID: 0016465	100	40	128	46	135 x 110	105 x 80	11	180
L-IL-EGA-125-K-3 ID: 0029658	L-IL-EGA-125-K-3-DSN ID: 0029683	B-IL-EGA-125-K ID: 0029689	125	40	155	36	105 x 80	80 x 60	9	200
L-IK-EGA-125-K-3-GP ID: 0036067	L-IK-EGA-125-K-3-DSN-GP ID: 0036069	B-IK-EGA-125-K-GP ID: 0040513	125	40	155	48	135 x 110	105 x 80	11	200
L-IL-EGA-160-K-3 ID: 0029678	L-IL-EGA-160-K-3-DSN ID: 0029684	B-IL-EGA-160-K ID: 0029690	160	50	190	52	135 x 110	105 x 80	11	300
L-IL-EGA-200-K-3 ID: 0029679	L-IL-EGA-200-K-3-DSN ID: 0029685	B-IL-EGA-200-K ID: 0029691	200	50	235	54	135 x 110	105 x 80	11	400
L-IS-EGA-250-K-3 ID: 0029680	L-IS-EGA-250-K-3-DSV ID: 0029686	B-IS-EGA-250-K ID: 0029692	250	50	290	66	135 x 110	105 x 80	11	400

Matching accessories can be found on page 432

elastic rubber // standard housing IS, IL // up to 300 kg



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LI)



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-IL-EGA-080-K-1 ID: 0029693	L-IL-EGA-080-K-1-DSN ID: 0029698	80	38	103	36	12	120
L-IL-EGA-100-K-1 ID: 0029694	L-IL-EGA-100-K-1-DSN ID: 0029699	100	40	125	38	12	180
L-IL-EGA-125-K-1 ID: 0029695	L-IL-EGA-125-K-1-DSN ID: 0029700	125	40	155	38	12	200
L-IL-EGA-160-K-1 ID: 0029696	L-IL-EGA-160-K-1-DSN ID: 0029701	160	50	190	52	12	300
L-IL-EGA-200-K-1 ID: 0029697	L-IL-EGA-200-K-1-DSN ID: 0029702	200	50	235	54	12	400



"Bolt hole 12 or 16 mm is optionally available for wheel diameters 160 and 200 mm"

Matching accessories can be found on page 432



Features:

- EGA-grey wheel series:
- die-cast aluminum wheel body with ball bearing
- tread made of elastic solid rubber, grey, approx. 65° shore A

Properties:

- non-marking
- high elasticity with low rolling resistance
- runs quietly
- sturdy and shock-resistant
- absorbs vibration
- (old designation: F3/BG)

floors



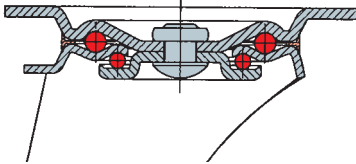
"Pleasant driving property and non-marking"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EGA-100-40-40-K12-grey Ident No.: 0031039	100	40	12	40	180
EGA-125-40-50-K20-grey Ident No.: 0016385	125	40	20	50	200
EGA-160-50-60-K20-grey Ident No.: 0027771	160	50	20	60	300
EGA-200-50-60-K20-grey Ident No.: 0016399	200	50	20	60	400
EGA-250-50-60-K25-grey Ident No.: 0029675	250	50	25	60	500

Suitable castors can be found on pages 133, 134

Matching accessories can be found on page 432

elastic rubber // standard housing IS, IL // up to 400 kg



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LI)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IL-EGA-100-K-3-grey ID: 0040483	L-IL-EGA-100-K-3-DSN-grey ID: 0040484	B-IL-EGA-100-K-grey ID: 0040485	100	40	125	36	105 x 80	80 x 60	9	180
L-IL-EGA-125-K-3-grey ID: 0029745	L-IL-EGA-125-K-3-DSN-grey ID: 0029748	B-IL-EGA-125-K-grey ID: 0029751	125	40	155	36	105 x 80	80 x 60	9	200
L-IL-EGA-160-K-3-grey ID: 0029746	L-IL-EGA-160-K-3-DSN-grey ID: 0029749	B-IL-EGA-160-K-grey ID: 0029752	160	50	190	52	135 x 110	105 x 80	11	300
L-IL-EGA-200-K-3-grey ID: 0029747	L-IL-EGA-200-K-3-DSN-grey ID: 0029750	B-IL-EGA-200-K-grey ID: 0029753	200	50	235	54	135 x 110	105 x 80	11	400
L-IS-EGA-250-K-3-grey ID: 0040486	L-IS-EGA-250-K-3-DSV-grey ID: 0040487	B-IS-EGA-250-K-grey ID: 0040488	250	50	290	66	135 x 110	105 x 80	11	400



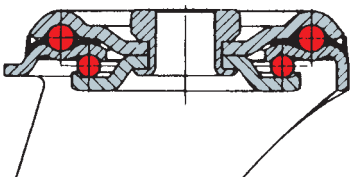
-1 (bolt hole)



1-DSN (bolt hole+ double brake)

Matching accessories can be found on page 432

elastic rubber // standard housing IS, IL // up to 400 kg



- Features:**
- castor series IS, IL:
 - steel sheet housing, galvanized
 - fork head with double ball bearing
 - seal with integrated ball spacer
 - (old designation: LI)



“Bolt hole 12 or 16 mm is optionally available for wheel diameters 160 and 200 mm”



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-IL-EGA-125-K-1-grey ID: 0030518	L-IL-EGA-125-K-1-DSN-grey ID: 0030521	125	40	155	38	12	200
L-IL-EGA-160-K-1-grey ID: 0030519	L-IL-EGA-160-K-1-DSN-grey ID: 0030522	160	50	190	52	12	300
L-IL-EGA-200-K-1-grey ID: 0030520	L-IL-EGA-200-K-1-DSN-grey ID: 0030523	200	50	235	54	12	400



-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432

floors**Features:**

- TPBK wheel series:
- polypropylene wheel body with ball bearing
- temperature resistance: -20° C to 60° C
- grey thermoplastic rubber tread, approx. 85° shore A
- with thread guards to protect the ball bearing from dust and dirt

Properties:

- runs quietly
- non-marking
- low rolling resistance
- (old designation: KO/TPK)



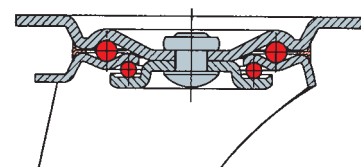
"This smooth-running series is innovative and inexpensive"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
TPBK-080-30-40-K08 Ident No.: 0021572	80	30	8	40	80
TPBK-100-30-40-K08 Ident No.: 0021573	100	30	8	40	90
TPBK-125-35-50-K08 Ident No.: 0028530	125	35	8	50	110
TPBK-160-40-60-K12 Ident No.: 0026621	160	40	12	60	180
TPBK-200-47-60-K12 Ident No.: 0026622	200	47	12	60	220

Suitable castors can be found on pages 136, 137

Matching accessories can be found on page 432

thermoplastic // standard housing IS, IL // up to 220 kg



Features:

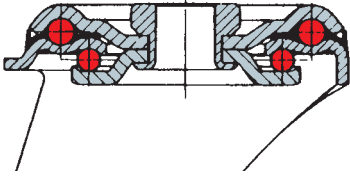
- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LI)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IL-TPBK-080-K-3 ID: 0029490	L-IL-TPBK-080-K-3-DSN ID: 0029495	B-IL-TPBK-080-K ID: 0029500	80	30	100	36	105 x 80	80 x 60	9	80
L-IL-TPBK-100-K-3 ID: 0029491	L-IL-TPBK-100-K-3-DSN ID: 0029496	B-IL-TPBK-100-K ID: 0029501	100	30	125	36	105 x 80	80 x 60	9	90
L-IL-TPBK-125-K-3 ID: 0029492	L-IL-TPBK-125-K-3-DSN ID: 0029497	B-IL-TPBK-125-K ID: 0029502	125	35	155	36	105 x 80	80 x 60	9	110
L-IL-TPBK-160-K-3 ID: 0029493	L-IL-TPBK-160-K-3-DSN ID: 0029498	B-IL-TPBK-160-K ID: 0029503	160	40	190	52	135 x 110	105 x 80	11	180
L-IL-TPBK-200-K-3 ID: 0029494	L-IL-TPBK-200-K-3-DSN ID: 0029499	B-IL-TPBK-200-K ID: 0029504	200	47	235	54	135 x 110	105 x 80	11	220

Matching accessories can be found on page 432

thermoplastic // standard housing IS, IL // up to 220 kg



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LI)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IL-TPBK-080-K-1 ID: 0029505	L-IL-TPBK-080-K-1-DSN ID: 0029510	80	30	100	36	12	80
L-IL-TPBK-100-K-1 ID: 0029506	L-IL-TPBK-100-K-1-DSN ID: 0029511	100	30	125	38	12	90
L-IL-TPBK-125-K-1 ID: 0029507	L-IL-TPBK-125-K-1-DSN ID: 0029512	125	35	155	38	12	110
L-IL-TPBK-160-K-1 ID: 0029508	L-IL-TPBK-160-K-1-DSN ID: 0029513	160	40	190	52	12	180
L-IL-TPBK-200-K-1 ID: 0029509	L-IL-TPBK-200-K-1-DSN ID: 0029514	200	47	235	54	12	220



"Bolt hole 12 or 16 mm is optionally available for wheel diameters 160 and 200 mm"

Matching accessories can be found on page 432



Features:

- TPKH wheel series:
- polypropylene wheel body with 2 ball bearings per wheel
- tread made of thermoplastic rubber, grey, approx. 85° shore A

Properties:

- runs quietly, non-marking
- higher load-carrying capacity than rubber
- minimal rolling resistance, shock-resistant
- (old designation: THKS)

floors

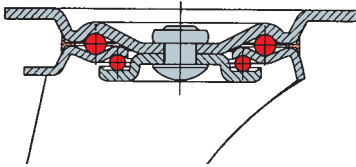


"Heavy-duty design with two ball bearings"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
TPKH-080-35-40-K12 Ident No.: 0014307	80	35	12	40	120
TPKH-100-35-40-K12 Ident No.: 0014308	100	35	12	40	150
TPKH-125-40-50-K15 Ident No.: 0014309	125	40	15	50	200
TPKH-150-45-60-K20 Ident No.: 0014310	150	45	20	60	260
TPKH-160-45-60-K20 Ident No.: 0014311	160	45	20	60	260
TPKH-200-50-60-K20 Ident No.: 0014312	200	50	20	60	350
TPKH-250-60-75-K25 Ident No.: 0016967	250	60	25	75	450

Suitable castors can be found on pages 139, 140, 189

Matching accessories can be found on page 432



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LI)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IL-TPKH-080-K-3 ID: 0029410	L-IL-TPKH-080-K-3-DSN ID: 0029416	B-IL-TPKH-080-K ID: 0029422	80	35	100	36	105 x 80	80 x 60	9	120
L-IL-TPKH-100-K-3 ID: 0029411	L-IL-TPKH-100-K-3-DSN ID: 0029417	B-IL-TPKH-100-K ID: 0029423	100	35	125	36	105 x 80	80 x 60	9	150
L-IK-TPKH-100-K-3-GP ID: 0015807	L-IK-TPKH-100-K-3-DSN-GP ID: 0040581	B-IK-TPKH-100-K-GP ID: 0040582	100	35	128	46	135 x 110	105 x 80	11	150
L-IL-TPKH-125-K-3 ID: 0029412	L-IL-TPKH-125-K-3-DSN ID: 0029418	B-IL-TPKH-125-K ID: 0029424	125	40	155	36	105 x 80	80 x 60	9	200
L-IK-TPKH-125-K-3-GP ID: 0015809	L-IK-TPKH-125-K-3-DSN-GP ID: 0015816	B-IK-TPKH-125-K-GP ID: 0015823	125	40	155	48	135 x 110	105 x 80	11	200
L-IL-TPKH-150-K-3 ID: 0034624	L-IL-TPKH-150-K-3-DSN ID: 0031761	B-IL-TPKH-150-K ID: 0033657	150	45	185	52	135 x 110	105 x 80	11	260
L-IL-TPKH-160-K-3 ID: 0029413	L-IL-TPKH-160-K-3-DSN ID: 0029419	B-IL-TPKH-160-K ID: 0029425	160	45	190	52	135 x 110	105 x 80	11	260
L-IL-TPKH-200-K-3 ID: 0029414	L-IL-TPKH-200-K-3-DSN ID: 0029420	B-IL-TPKH-200-K ID: 0029426	200	50	235	54	135 x 110	105 x 80	11	350
L-IS-TPKH-250-K-3 ID: 0029415	L-IL-TPKH-250-K-3-DSV ID: 0029421	B-IL-TPKH-250-K ID: 0029427	250	60	290	66	135 x 110	105 x 80	11	400
L-IP-TPKH-250-K-3-GP ID: 0040583	L-IP-TPKH-250-K-3-DSV-GP ID: 0040584	B-IP-TPKH-250-K-GP ID: 0040585	250	60	290	70	175 x 175	140 x 140	15	450



-1 (bolt hole)

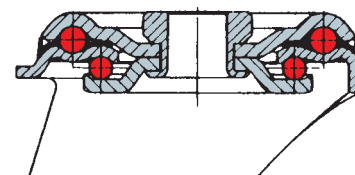


foot protection



1-DSN (bolt hole+
double brake)

thermoplastic // standard housing IS, IL // up to 450 kg



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LI)



"Bolt hole 12 or 17 mm is optionally available for wheel diameters 160 and 200 mm"



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-IL-TPKH-080-K-1 ID: 0029428	L-IL-TPKH-080-K-1-DSN ID: 0029433	80	35	100	36	12	120
L-IL-TPKH-100-K-1 ID: 0029429	L-IL-TPKH-100-K-1-DSN ID: 0029434	100	35	125	38	12	150
L-IL-TPKH-125-K-1 ID: 0029430	L-IL-TPKH-125-K-1-DSN ID: 0029435	125	40	155	38	12	200
L-IL-TPKH-160-K-1 ID: 0029431	L-IL-TPKH-160-K-1-DSN ID: 0029436	160	45	190	52	12	260
L-IL-TPKH-200-K-1 ID: 0029432	L-IL-TPKH-200-K-1-DSN ID: 0029437	200	50	235	53	12	350



-3 (plate)



foot protection



3-DSN (plate+
double brake)

Matching accessories can be found on page 432



smooth-
running
series

Features:

- PUBK wheel series:
- polyamide 6 wheel body with ball bearing
- polyurethane tread, approx. 95° shore A
- with thread guards to protect the ball bearing from dust and dirt

Properties:

- high load capacity
- low abrasion, non-marking, low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- (old designation: PSK)

floors

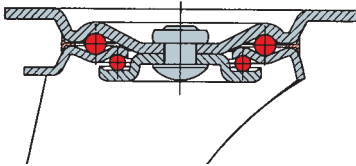


**"Affordable smooth-running
series for heavier loads"**

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUBK-080-30-40-K08 Ident No.: 0021578	80	30	8	40	100
PUBK-100-30-40-K08 Ident No.: 0021579	100	30	8	40	150
PUBK-125-35-50-K08 Ident No.: 0028532	125	35	8	50	200
PUBK-160-40-60-K12 Ident No.: 0026625	160	40	12	60	250
PUBK-200-50-60-K12 Ident No.: 0026626	200	50	12	60	300

Suitable castors can be found on pages 143, 144

Matching accessories can be found on page 432



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IL-PUBK-080-K-3 ID: 0029465	L-IL-PUBK-080-K-3-DSN ID: 0029470	B-IL-PUBK-080-K ID: 0029475	80	30	100	36	105 x 80	80 x 60	9	100
L-IL-PUBK-100-K-3 ID: 0029466	L-IL-PUBK-100-K-3-DSN ID: 0029471	B-IL-PUBK-100-K ID: 0029476	100	30	125	36	105 x 80	80 x 60	9	150
L-IL-PUBK-125-K-3 ID: 0029467	L-IL-PUBK-125-K-3-DSN ID: 0029472	B-IL-PUBK-125-K ID: 0029477	125	35	155	36	105 x 80	80 x 60	9	200
L-IL-PUBK-160-K-3 ID: 0029468	L-IL-PUBK-160-K-3-DSN ID: 0029473	B-IL-PUBK-160-K ID: 0029478	160	40	190	52	135 x 110	105 x 80	11	250
L-IL-PUBK-200-K-3 ID: 0029469	L-IL-PUBK-200-K-3-DSN ID: 0029474	B-IL-PUBK-200-K ID: 0029479	200	47	235	54	135 x 110	105 x 80	11	300



-1 (bolt hole)



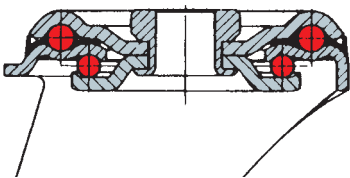
foot protection



1-DSN (bolt hole + double brake)

Matching accessories can be found on page 432

polyurethane // standard housing IS, IL // up to 300 kg



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



“Bolt hole 12 or 16 mm is optionally available for wheel diameters 160 and 200 mm”

							
swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IL-PUBK-080-K-1 ID: 0029480	L-IL-PUBK-080-K-1-DSN ID: 0029485	80	30	103	36	12	100
L-IL-PUBK-100-K-1 ID: 0029481	L-IL-PUBK-100-K-1-DSN ID: 0029486	100	30	125	38	12	150
L-IL-PUBK-125-K-1 ID: 0029482	L-IL-PUBK-125-K-1-DSN ID: 0029487	125	35	155	38	12	200
L-IL-PUBK-160-K-1 ID: 0029483	L-IL-PUBK-160-K-1-DSN ID: 0029488	160	40	190	52	12	250
L-IL-PUBK-200-K-1 ID: 0029484	L-IL-PUBK-200-K-1-DSN ID: 0029489	200	50	235	54	12	300



-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432

floors**Features:**

- PUZK wheel series:
- polyamide 6 wheel body with ball bearing
- tread made of polyurethane, approx. 95° shore A

Properties:

- high load capacity
- low abrasion, non-marking
- shock-resistant, low rolling resistance
- resistant to oil and grease
- excellent chemical resistance
- resistant to cutting by metal chips
- (old designation: PUSKS)



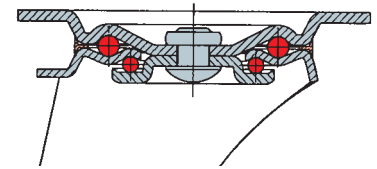
***"Versatile, affordable,
optimally designed"***

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUZK-080-35-40-K12 Ident No.: 0015450	80	35	12	40	150
PUZK-100-35-40-K12 Ident No.: 0015451	100	35	12	40	200
PUZK-125-40-50-K15 Ident No.: 0015452	125	40	15	50	250
PUZK-150-45-60-K20 Ident No.: 0015453	150	45	20	60	380
PUZK-160-45-60-K20 Ident No.: 0015454	160	45	20	60	400
PUZK-200-50-60-K20 Ident No.: 0015455	200	50	20	60	500
PUZK-250-60-75-K25 Ident No.: 0016975	250	60	25	75	700

Suitable castors can be found on pages 146, 147, 161, 191

Matching accessories can be found on page 432

polyurethane // standard housing IS, IL // up to 450 kg



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)

swivel castors	swivel castors with double brake	fixed castors	projection, swivel castor							
			wheel ø mm	wheel width mm	height mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg	
L-IL-PUZK-080-K-3 ID: 0029784	L-IL-PUZK-080-K-3-DSN ID: 0029790	B-IL-PUZK-080-K ID: 0029796	80	35	100	36	105 x 80	80 x 60	9	150
L-IL-PUZK-100-K-3 ID: 0029785	L-IL-PUZK-100-K-3-DSN ID: 0029791	B-IL-PUZK-100-K ID: 0029797	100	35	125	36	105 x 80	80 x 60	9	180
L-IK-PUZK-100-K-3-GP ID: 0033329	L-IK-PUZK-100-K-3-DSN-GP ID: 0033330	B-IK-PUZK-100-K-GP ID: 0033327	100	35	128	46	135 x 110	105 x 80	11	180
L-IL-PUZK-125-K-3 ID: 0029786	L-IL-PUZK-125-K-3-DSN ID: 0029792	B-IL-PUZK-125-K ID: 0029798	125	40	155	36	105 x 80	80 x 60	9	225
L-IK-PUZK-125-K-3-GP ID: 0031091	L-IK-PUZK-125-K-3-DSN-GP ID: 0037786	B-IK-PUZK-125-K-GP ID: 0032272	125	40	155	48	135 x 110	105 x 80	11	225
L-IL-PUZK-150-K-3 ID: 0029787	L-IL-PUZK-150-K-3-DSN ID: 0029793	B-IL-PUZK-150-K ID: 0029799	150	45	185	52	135 x 110	105 x 80	11	300
L-IL-PUZK-160-K-3 ID: 0031634	L-IL-PUZK-160-K-3-DSN ID: 0031633	B-IL-PUZK-160-K ID: 0031690	160	45	190	52	135 x 110	105 x 80	11	300
L-IL-PUZK-200-K-3 ID: 0029788	L-IL-PUZK-200-K-3-DSN ID: 0029794	B-IL-PUZK-200-K ID: 0029800	200	50	235	54	135 x 110	105 x 80	11	400
L-IS-PUZK-250-K-3 ID: 0029789	L-IS-PUZK-250-K-3-DSV ID: 0029795	B-IS-PUZK-250-K ID: 0029801	250	60	290	66	135 x 110	105 x 80	11	400
L-IP-PUZK-250-K-3-GP ID: 0040590	L-IP-PUZK-250-K-3-DSV-GP ID: 0040591	B-IP-PUZK-250-K-GP ID: 0040592	250	60	290	70	175 x 175	140 x 140	15	450

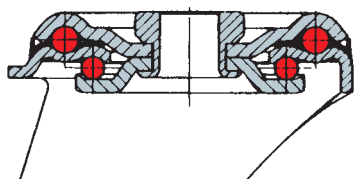


foot protection



3-DSV
(plate+brake)

polyurethane // standard housing IS, IL // up to 450 kg



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IL-PUZK-080-K-1 ID: 0029802	L-IL-PUZK-080-K-1-DSN ID: 0029808	80	35	100	36	12	150
L-IL-PUZK-100-K-1 ID: 0029803	L-IL-PUZK-100-K-1-DSN ID: 0029809	100	35	125	38	12	180
L-IL-PUZK-125-K-1 ID: 0029804	L-IL-PUZK-125-K-1-DSN ID: 0029810	125	40	155	38	12	200
L-IL-PUZK-150-K-1 ID: 0029805	L-IL-PUZK-150-K-1-DSN ID: 0029811	150	45	185	52	12	300
L-IL-PUZK-160-K-1 ID: 0032405	L-IL-PUZK-160-K-1-DSN ID: 0032404	160	45	190	52	12	300
L-IL-PUZK-200-K-1 ID: 0029806	L-IL-PUZK-200-K-1-DSN ID: 0029812	200	50	235	53	12	400



"Bolt hole 12 or 16 mm is optionally available for wheel diameters 160 and 200 mm"



-3 (plate)



3-DSN (plate+ double brake)



Features:

- EPUK wheel series:
- wheel body made of polyamide 6 with 2 ball bearings
- tread made of elastic polyurethane, approx. 80° shore A rounded edges

Properties:

- runs quietly
- non-marking, low abrasion
- impact-resistant
- low rolling resistance
- excellent chemical resistance, oil and grease resistance
- (old designation: PUKS)

floors



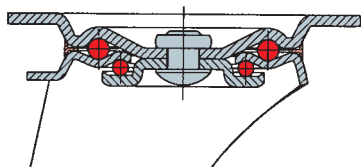
"Improved travel comfort thanks to elastic tread surface"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EPUK-080-35-40-K12 Ident No.: 0014301	80	35	12	40	130
EPUK-100-35-40-K12 Ident No.: 0014302	100	35	12	40	180
EPUK-125-40-50-K15 Ident No.: 0014303	125	40	15	50	200
EPUK-160-45-60-K20 Ident No.: 0014305	160	45	20	60	300
EPUK-200-48-60-K20 Ident No.: 0014306	200	48	20	60	450

Suitable castors can be found on pages 149, 150

Matching accessories can be found on page 432

elastic polyurethane // standard housing IS, IL // up to 450 kg



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IL-EPUK-080-K-3 ID: 0030099	L-IL-EPUK-080-K-3-DSN ID: 0030105	B-IL-EPUK-080-K ID: 0030111	80	35	100	36	105 x 80	80 x 60	9	130
L-IL-EPUK-100-K-3 ID: 0030100	L-IL-EPUK-100-K-3-DSN ID: 0030106	B-IL-EPUK-100-K ID: 0030112	100	35	125	36	105 x 80	80 x 60	9	180
L-IL-EPUK-125-K-3 ID: 0030101	L-IL-EPUK-125-K-3-DSN ID: 0030107	B-IL-EPUK-125-K ID: 0030113	125	40	155	36	105 x 80	80 x 60	9	200
L-IL-EPUK-150-K-3 ID: 0019390	L-IL-EPUK-150-K-3-DSN ID: 0019401	B-IL-EPUK-150-K ID: 0019412	150	45	185	52	135 x 110	105 x 80	11	250
L-IL-EPUK-160-K-3 ID: 0030102	L-IL-EPUK-160-K-3-DSN ID: 0030108	B-IL-EPUK-160-K ID: 0030114	160	45	190	52	135 x 110	105 x 80	11	300
L-IL-EPUK-200-K-3 ID: 0030103	L-IL-EPUK-200-K-3-DSN ID: 0030109	B-IL-EPUK-200-K ID: 0030115	200	47	235	54	135 x 110	105 x 80	11	400
L-IS-EPUK-250-K-3 ID: 0030104	L-IS-EPUK-250-K-3-DSV ID: 0030110	B-IS-EPUK-250-K ID: 0030116	250	60	290	66	135 x 110	105 x 80	11	400
L-IP-EPUK-250-K-3-GP ID: 0040587	L-IP-EPUK-250-K-3-DSV-GP ID: 0040588	B-IP-EPUK-250-K-GP ID: 0040589	250	60	290	70	175 x 175	140 x 140	15	450



-1 (bolt hole)



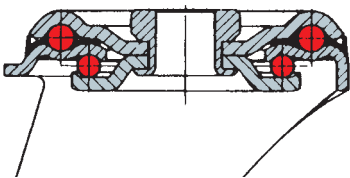
foot protection



1-DSN (bolt hole+
double brake)

Matching accessories can be found on page 432

elastic polyurethane // standard housing IS, IL // up to 400 kg



- Features:**
- castor series IS, IL:
 - steel sheet housing, galvanized
 - fork head with double ball bearing
 - seal with integrated ball spacer
 - (old designation: LCW)



"Bolt hole 12 or 16 mm is optionally available for wheel diameters 160 and 200 mm"



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-IL-EPUK-080-K-1 ID: 0030117	L-IL-EPUK-080-K-1-DSN ID: 0030122	80	35	100	36	12	130
L-IL-EPUK-100-K-1 ID: 0030118	L-IL-EPUK-100-K-1-DSN ID: 0030123	100	35	125	38	12	180
L-IL-EPUK-125-K-1 ID: 0030119	L-IL-EPUK-125-K-1-DSN ID: 0030124	125	40	155	38	12	200
L-IL-EPUK-160-K-1 ID: 0030120	L-IL-EPUK-160-K-1-DSN ID: 0030125	160	45	190	52	12	300
L-IL-EPUK-200-K-1 ID: 0030121	L-IL-EPUK-200-K-1-DSN ID: 0030126	200	47	235	53	12	400



-3 (plate)



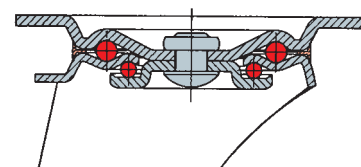
-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432

pneumatic tires // standard housing AH, IP **//** up to 250 kg



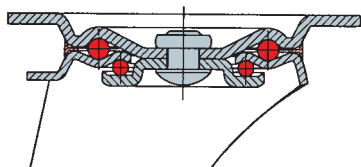
Features:

- castor series AH, IP:
- steel sheet housing, galvanized
- fork head with double ball bearing
- plastic rim
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-AH-LRK1-150-K-3 ID: 0018596	L-AH-LRK1-150-K-3-DSN ID: 0018597	B-AH-LRK1-150-K ID: 0033606	150	30	188	48	77 x 67	60 x 50	9	50
L-IP-LRK1-230-R-3 ID: 0034228	L-IP-LRK1-230-R-3-DSV ID: 0037263	B-IP-LRK1-230-R ID: 0034229	230	65	255	61	135 x 110	105 x 80	11	130
L-IP-LRK2-260-R-3 ID: 0030990	L-IP-LRK2-260-R-3-DSV ID: 0030989	B-IP-LRK1-260-R ID: 0031007	260	85	295	70	175 x 175	140 x 140	15	200
L-IP-LRK1-400-R-3 ID: 0035726		B-IP-LRK1-400-R ID: 0041462	400	100	458	75	150 x 150	125 x 125	10	250

Matching accessories can be found on page 432



Features:

- castor series AH, IP:
- steel sheet housing, galvanized
- fork head with double ball bearing
- steel rim
- seal with integrated ball spacer
- (old designation: LCW,
LRS1 and LRS4 = rib,
LRS2 and LRS5 = country,
LSS3 = military)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IS-LRS1-185-R-3 ID: 0024216	L-IS-LRS1-185-R-3-DSN ID: 0024215	B-IS-LRS1-185-R ID: 0024217	185	45	210	53	135 x 110	105 x 80	11	50
L-IL-LRS1-200-R-3 ID: 0018600	L-IL-LRS1-200-R-3-DSN ID: 0018603	B-IL-LRS1-200-R ID: 0015138	200	50	235	54	135 x 110	105 x 80	11	75
L-IP-LRS1-230-R-3 ID: 0018604	L-IP-LRS1-230-R-3-DSV ID: 0018605	B-IP-LRS1-230-R ID: 0015140	230	65	255	61	135 x 110	105 x 80	11	130
L-IP-LRS3-230-R-3 ID: 0018606	L-IP-LRS3-230-R-3-DSV ID: 0018607	B-IP-LRS3-230-R ID: 0015141	230	65	255	61	135 x 110	105 x 80	11	130
L-IP-LRS4-245-R-3 ID: 0018615	L-IP-LRS4-245-R-3-DSV ID: 0018616	B-IP-LRS4-245-R ID: 0015144	245	80	288	70	175 x 175	140 x 140	15	250
L-IP-LRS1-260-R-3 ID: 0018608	L-IP-LRS1-260-R-3-DSV ID: 0018610	B-IP-LRS1-260-R ID: 0015142	260	85	295	70	175 x 175	140 x 140	15	200
L-IP-LRS2-260-R-3 ID: 0018612	L-IP-LRS2-260-R-3-DSV ID: 0018613	B-IP-LRS2-260-R ID: 0015143	260	85	295	70	175 x 175	140 x 140	15	200
L-IP-LRS5-300-R-3 ID: 0018618		B-IP-LRS5-300-R ID: 0015145	300	100	408	75	150 x 150	125 x 125	10	250
L-IP-LRS1-400-R-3 ID: 0018634		B-IP-LRS1-400-R ID: 0015146	400	100	458	75	150 x 150	125 x 125	10	250
L-IP-LRS2-400-R-3 ID: 0018635		B-IP-LRS2-400-R ID: 0015147	400	100	458	75	150 x 150	125 x 125	10	250

Matching accessories can be found on page 432

Features:

- GPSK wheel series:
- plastic wheel body with ball and roller bearings
- tread made of expanded (foam) polyurethane
- the alternative to pneumatic tires

Properties:

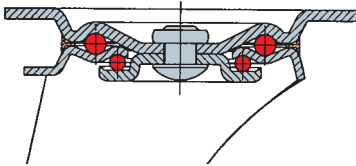
- minimal impact on floor
- absorbs vibration
- low rolling resistance on uneven floors
- (old designation: PSR)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
GPSK-100-30-37-K08 Ident No.: 0022714	100	30	8	37	60
GPSK-125-30-34-K08 Ident No.: 0022715	125	30	8	34	75
GPSK-150-30-50-K08 Ident No.: 0036949	150	30	8	50	75
GPSK-175-30-60-K08 Ident No.: 0022717	175	30	8	60	75
GPSK-200-50-60-K08 Ident No.: 0036950	200	50	8	60	100
GPVK-245-85-75-R20 Ident No.: 0037214	245	85	20	75	125
GPSK-260-85-75-R20 Ident No.: 0022720	260	85	20	75	200
GPVS-400-90-75-R25 Ident No.: 0037262	400	90	25	75	200

expanded (foam) polyurethane // standard housing AH, IP // up to 200 kg



Features:

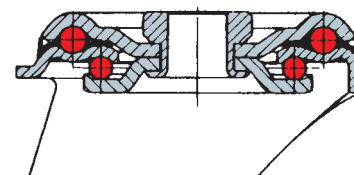
- castor series AH, IP:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-AH-GPSK-100-K-3 ID: 0018576	L-AH-GPSK-100-K-3-DSN ID: 0018577	B-AH-GPSK-100-K ID: 0015133	100	30	138	39	77 x 67	59 x 50	9	60
L-AH-GPSK-125-K-3 ID: 0018580	L-AH-GPSK-125-K-3-DSN ID: 0018581	B-AH-GPSK-125-K ID: 0015134	125	30	161	42	77 x 67	59 x 50	9	75
L-AH-GPSK-150-K-3 ID: 0018584	L-AH-GPSK-150-K-3-DSN ID: 0018585	B-AH-GPSK-150-K ID: 0012621	150	30	188	48	77 x 67	58 x 49	9	75
L-IL-GPSK-200-K-3 ID: 0018588	L-IL-GPSK-200-K-3-DSN ID: 0018589	B-IL-GPSK-200-K ID: 0015135	200	50	235	54	135 x 110	105 x 80	10.9	100
L-IP-GPVK-245-R-3 ID: 0030311	L-IP-GPVK-245-R-3-DSV ID: 0030313	B-IP-GPSK-245-R ID: 0030314	245	85	288	70	175 x 175	140 x 140	14	125
L-IP-GPSK-260-R-3 ID: 0018590	L-IP-GPSK-260-R-3-DSV ID: 0018592	B-IP-GPSK-260-R ID: 0015136	260	85	295	70	175 x 175	140 x 140	14	200
L-IP-GPVS-400-R-3 ID: 0030312		B-IP-GPSK-400-R ID: 0030315	400	100	458	75	150 x 150	125 x 125	10.5	200

Matching accessories can be found on page 432

expanded (foam) polyurethane // standard housing AH, IP // up to 200 kg



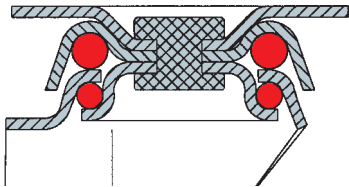
Features:

- castor series AH, IP:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)

swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-AH-GPSK-100-K-1 ID: 0018578	L-AH-GPSK-100-K-1-DSN ID: 0018579	100	30	135	39	12	60
L-AH-GPSK-125-K-1 ID: 0018582	L-AH-GPSK-125-K-1-DSN ID: 0018583	125	30	158	42	12	75
L-AH-GPSK-150-K-1 ID: 0018586	L-AH-GPSK-150-K-1-DSN ID: 0018587	150	30	184	48	12	75
L-IL-GPSK-200-K-1 ID: 0034709	L-IL-GPSK-200-K-1-DSN ID: 0035486	200	50	235	54	12	100

Matching accessories can be found on page 432

polyurethane // heavy apparatus castors AH Mini/heavy // up to 150 kg



- Features:**
- castor series AH Mini/heavy:
 - heavy, pressed apparatus housing, galvanized
 - polyurethane wheels, ball bearing
 - fork head with double ball bearing

 **"New series, also available with polyamide wheel"**



swivel castors	swivel castors with wheel brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-AH-PUBA-035-K-3 ID: 0040612	L-AH-PUBA-035-K-3-RF ID: 0040613	B-AH-PUBA-035-K-3 ID: 0040614	35	27	52	15	60 x 60	47 x 47	6	100
L-AH-PUBA-050-K-3 ID: 0040618	L-AH-PUBA-050-K-3-DSN ID: 0040619	B-AH-PUBA-050-K-3 ID: 0040620	50	40	82	37	80 x 80	60 x 60	8	150



polyamide



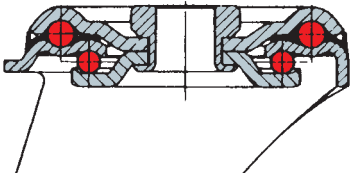
polyamide



polyamide

Matching accessories can be found on page 432

polyurethane // heavy apparatus castors AH Mini/heavy // up to 150 kg



Features:

- castor series AH Mini/heavy:
- heavy, pressed apparatus housing, galvanized
- polyurethane wheels, ball bearing
- fork head with double ball bearing



"New series, also available with polyamide wheel"



swivel castors	swivel castors with wheel brake	fixed castors						
			wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-AH-PUBA-035-K-1 ID: 0040615	L-AH-PUBA-035-K-1-RF ID: 0040616	B-AH-PUBA-035-K-1 ID: 0040617	35	27	50	15	10	100
L-AH-PUBA-050-K-1 ID: 0040621	L-AH-PUBA-050-K-1-DSN ID: 0040660		50	40	76	37	12	150



polyamide



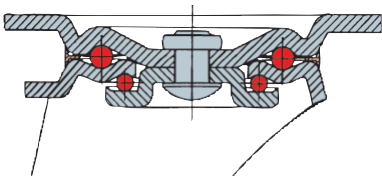
polyamide



polyamide

Matching accessories can be found on page 432

elastic rubber // medium-weight housing IN // up to 250 kg



Features:

- castor series IN (new):
- heavy steel plate housing, galvanized
- fork head with double ball bearing

 *“New series, also available with polyamide wheel”*



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IN-EGA-100-K-3 ID: 0040570	L-IN-EGA-100-K-3-DSN ID: 0040571	B-IN-EGA-100-K-3 ID: 0040572	100	40	129	40	105 x 86	80 x 60	10	180
L-IN-EGK-125-K-3-grey ID: 0040370	L-IN-EGK-125-K-3-DSN-grey ID: 0040371	B-IN-EGK-125-K-3-grey ID: 0040372	125	36	157	43	105 x 86	80 x 60	10	250



wheel ø 125 mm
with grey rubber



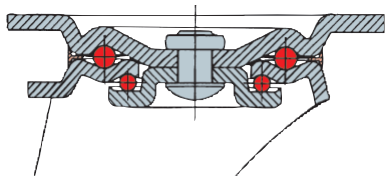
wheel ø 125 mm
with grey rubber



wheel ø 125 mm
with grey rubber

Matching accessories can be found on page 432

elastic rubber // medium-weight housing IN // up to 250 kg



Features:

- castor series IN (new):
- heavy steel plate housing, galvanized
- fork head with double ball bearing



"New series, also available with polyamide wheel"



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IN-PUZA-100-K-3 ID: 0040360	L-IN-PUZA-100-K-3-DSN ID: 0040361	B-IN-PUZA-100-K-3 ID: 0040362	100	40	129	40	105 x 86	80 x 60	10	250
L-IN-PUZK-125-K-3 ID: 0040366	L-IN-PUZK-125-K-3-DSN ID: 0040367	B-IN-PUZK-125-K-3-DSN ID: 0040368	125	40	157	43	105 x 86	80 x 60	10	250



castors with
wheel ø 100 mm



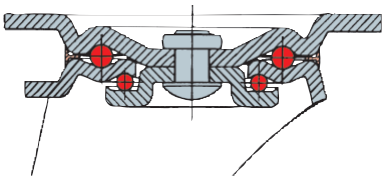
castors with
wheel ø 100 mm



castors with
wheel ø 100 mm

Matching accessories can be found on page 432

plastic//medium-weight housing IN//up to 250 kg



Features:

- castor series IN (new):
- heavy steel plate housing, galvanized
- fork head with double ball bearing



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IN-PAM-100-K-3 ID: 0040357	L-IN-PAM-100-K-3-DSN ID: 0040358	B-IN-PAM-100-K ID: 0040359	100	35	129	40	105 x 86	80 x 60	10	250
L-IN-PPH-125-K-3 ID: 0040363	L-IN-PPH-125-K-3-DSN ID: 0040364	B-IN-PPH-125-K ID: 0040365	125	40	157	43	105 x 86	80 x 60	10	250

Matching accessories can be found on page 432



smooth-running series

Features:

- PPBL wheel series:
- polypropylene wheel body with ball bearing
- with thread guards to protect the ball bearing from dust and dirt

Properties:

- excellent chemical resistance
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: PPK)

floors

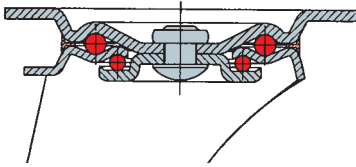


"Low-cost smooth-running ball bearing series: for flat floors"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PPBL-080-30-40-K08 Ident No.: 0021575	80	30	8	40	150
PPBL-100-30-40-K08 Ident No.: 0021576	100	30	8	40	180
PPBL-125-35-50-K08 Ident No.: 0028534	125	35	8	50	210
PPBL-160-40-60-K12 Ident No.: 0026623	160	40	12	60	300
PPBL-200-47-60-K12 Ident No.: 0026624	200	47	12	60	400

Suitable castors can be found on pages 165, 166

Matching accessories can be found on page 432



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IL-PPBL-080-K-3 ID: 0029440	L-IL-PPBL-080-K-3-DSN ID: 0029445	B-IL-PPBL-080-K ID: 0029450	80	30	100	36	105 x 80	80 x 60	9	150
L-IL-PPBL-100-K-3 ID: 0029441	L-IL-PPBL-100-K-3-DSN ID: 0029446	B-IL-PPBL-100-K ID: 0029451	100	30	125	36	105 x 80	80 x 60	9	180
L-IL-PPBL-125-K-3 ID: 0029442	L-IL-PPBL-125-K-3-DSN ID: 0029447	B-IL-PPBL-125-K ID: 0029452	125	35	155	36	105 x 80	80 x 60	9	210
L-IL-PPBL-160-K-3 ID: 0029443	L-IL-PPBL-160-K-3-DSN ID: 0029448	B-IL-PPBL-160-K ID: 0029453	160	40	190	52	135 x 110	105 x 80	11	300
L-IL-PPBL-200-K-3 ID: 0029444	L-IL-PPBL-200-K-3-DSN ID: 0029449	B-IL-PPBL-200-K ID: 0029454	200	47	235	54	135 x 110	105 x 80	11	350

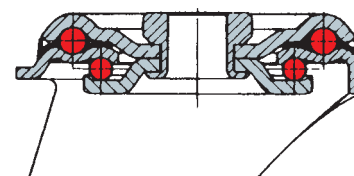


-1 (bolt hole)



1-DSN (bolt hole+
double brake)

polypropylene // standard housing IS, IL // up to 350 kg



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



"Bolt hole 12 or 16 mm is optionally available for wheel diameters 160 and 200 mm"



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-IL-PPBL-080-K-1 ID: 0029455	L-IL-PPBL-080-K-1-DSN ID: 0029460	80	30	100	36	12	150
L-IL-PPBL-100-K-1 ID: 0029456	L-IL-PPBL-100-K-1-DSN ID: 0029461	100	30	125	38	12	180
L-IL-PPBL-125-K-1 ID: 0029457	L-IL-PPBL-125-K-1-DSN ID: 0029462	125	35	155	38	12	210
L-IL-PPBL-160-K-1 ID: 0029458	L-IL-PPBL-160-K-1-DSN ID: 0029463	160	40	190	52	12	300
L-IL-PPBL-200-K-1 ID: 0029459	L-IL-PPBL-200-K-1-DSN ID: 0029464	200	47	235	54	12	350



-3 (plate)



3-DSN (plate+
double brake)

Matching accessories can be found on page 432

floors**Features:**

- PPH wheel series:
- polypropylene wheel body with 2 ball bearings

Properties:

- excellent chemical resistance
- high load capacity
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: PPKS)

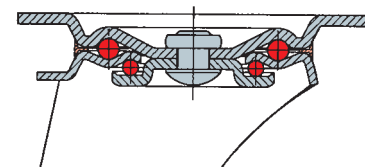


wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PPH-080-35-40-K12 Ident No.: 0015426	80	35	12	40	150
PPH-100-35-40-K12 Ident No.: 0015427	100	35	12	40	200
PPH-125-40-50-K15 Ident No.: 0015428	125	40	15	50	300
PPH-150-45-60-K20 Ident No.: 0015429	150	45	20	60	450
PPH-160-45-60-K20 Ident No.: 0015430	160	45	20	60	450
PPH-200-50-60-K20 Ident No.: 0015431	200	50	20	60	550
PPH-250-60-75-K25 Ident No.: 0016963	250	60	25	75	700

Suitable castors can be found on pages 168, 169

Matching accessories can be found on page 432

polypropylene // standard housing IS, IL // up to 350 kg



Features:

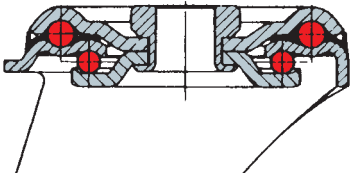
- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IL-PPH-080-K-3 ID: 0029998	L-IL-PPH-080-K-3-DSN ID: 0030004	B-IL-PPH-080-K ID: 0030010	80	35	100	36	105 x 80	80 x 60	9	150
L-IL-PPH-100-K-3 ID: 0029999	L-IL-PPH-100-K-3-DSN ID: 0030005	B-IL-PPH-100-K ID: 0030011	100	35	125	36	105 x 80	80 x 60	9	200
L-IL-PPH-125-K-3 ID: 0030000	L-IL-PPH-125-K-3-DSN ID: 0030006	B-IL-PPH-125-K ID: 0030012	125	40	155	36	105 x 80	80 x 60	9	200
L-IL-PPH-150-K-3 ID: 0030001	L-IL-PPH-150-K-3-DSN ID: 0030007	B-IL-PPH-150-K ID: 0030013	150	45	185	52	135 x 110	105 x 80	11	300
L-IL-PPH-160-K-3 ID: 0032857	L-IL-PPH-160-K-3-DSN ID: 0032858	B-IL-PPH-160-K ID: 0032859	160	45	190	52	135 x 110	105 x 80	11	300
L-IL-PPH-200-K-3 ID: 0030002	L-IL-PPH-200-K-3-DSN ID: 003,0008	B-IL-PPH-200-K ID: 0030014	200	50	235	54	135 x 110	105 x 80	11	350
L-IK-PPH-250-K-3 ID: 0030003	L-IK-PPH-250-K-3-DSV ID: 0030499	B-IK-PPH-250-K ID: 0030015	250	60	290	66	135 x 110	105 x 80	11	350

Matching accessories can be found on page 432

polypropylene // standard housing IS, IL // up to 350 kg



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IL-PPH-080-K-1 ID: 0030016	L-IL-PPH-080-K-1-DSN ID: 0030021	80	34	100	36	12	150
L-IL-PPH-100-K-1 ID: 0030017	L-IL-PPH-100-K-1-DSN ID: 0030022	100	34	125	38	12	200
L-IL-PPH-125-K-1 ID: 0030018	L-IL-PPH-125-K-1-DSN ID: 0030023	125	40	155	38	12	200
L-IL-PPH-150-K-1 ID: 0030019	L-IL-PPH-150-K-1-DSN ID: 0030024	150	45	185	52	12	300
L-IL-PPH-200-K-1 ID: 0030020	L-IL-PPH-200-K-1-DSN ID: 0030025	200	50	235	54	12	350



"Bolt hole 12 or 16 mm is optionally available for wheel diameters 160 and 200 mm"

Matching accessories can be found on page 432



Features:

- PALB and PALZ wheel series, with plain bearings:
- polyamide 6 wheel body with plain bearings
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- (old designation: POD/TG)

floors

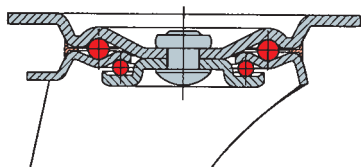


"Our PALB series with strongly convex running surface: excellent turning characteristics"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PALZ-058-25-34-G10 Ident No.: 0021360	58	25	10	34	100
PALZ-065-30-40-G12 Ident No.: 0024698	65	30	12	40	120
PALB-080-33-40-G12 Ident No.: 0033518	80	33	12	40	150
PALB-100-35-40-G12 Ident No.: 0033519	100	35	12	40	200
PALB-125-36-50-G15 Ident No.: 0033520	125	36	15	50	300
PALB-150-40-58-G20 Ident No.: 0033521	150	40	20	58	450
PALZ-175-48-60-G20 Ident No.: 0024713	175	48	20	60	500
PALB-200-48-58-G20 Ident No.: 0033522	200	48	20	58	550
PALZ-250-58-75-G25 Ident No.: 0024717	250	58	25	75	700

Suitable castors can be found on pages 171, 172

Matching accessories can be found on page 432



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IL-PALB-080-G-3 ID: 0033821	L-IL-PALB-080-G-3-DSN ID: 0033828	B-IL-PALB-080-G ID: 0033833	80	33	100	36	105 x 80	80 x 60	9	150
L-IL-PALB-100-G-3 ID: 0033822	L-IL-PALB-100-G-3-DSN ID: 0033829	B-IL-PALB-100-G ID: 0033834	100	35	125	36	105 x 80	80 x 60	9	200
L-IL-PALB-125-G-3 ID: 0033823	L-IL-PALB-125-G-3-DSN ID: 0033830	B-IL-PALB-125-G ID: 0033835	125	36	155	36	105 x 80	80 x 60	9	200
L-IL-PALB-150-G-3 ID: 0033824	L-IL-PALB-150-G-3-DSN ID: 0033831	B-IL-PALB-150-G ID: 0033836	150	40	185	52	135 x 110	105 x 80	11	300
L-IL-PALZ-175-G-3 ID: 0029608	L-IL-PALZ-175-G-3-DSN ID: 0029614	B-IL-PALZ-175-G ID: 0029602	175	45	208	52	135 x 110	105 x 80	11	350
L-IL-PALB-200-G-3 ID: 0033827	L-IL-PALB-200-G-3-DSN ID: 0033832	B-IL-PALB-200-G ID: 0033837	200	48	235	54	135 x 110	105 x 80	11	350
L-LK-PALZ-250-G-3 ID: 0029973	L-LK-PALZ-250-G-3-DSV ID: 0029975	B-IL-PALZ-250-G ID: 0029977	250	58	290	66	135 x 110	105 x 80	11	400
L-IP-PALZ-250-G-3-GP ID: 0029974	L-IP-PALZ-250-G-3-DSV-GP ID: 0029976	B-IP-PALZ-250-G-GP ID: 0029978	250	58	290	70	175 x 175	140 x 140	14	450



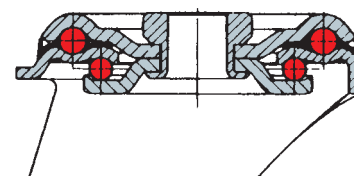
-1 (bolt hole)



1-DSN (bolt hole+
double brake)

Matching accessories can be found on page 432

polyamide// standard housing IS, IL// up to 350 kg



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



"Bolt hole 12 or 16 mm is optionally available for wheel diameters 150 and 200 mm"

swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-IL-PALB-080-G-1 ID: 0033782	L-IL-PALB-080-G-1-DSN ID: 0033805	80	33	100	36	12	150
L-IL-PALB-100-G-1 ID: 0033783	L-IL-PALB-100-G-1-DSN ID: 0033806	100	35	125	36	12	200
L-IL-PALB-125-G-1 ID: 0033784	L-IL-PALB-125-G-1-DSN ID: 0033807	125	36	155	36	12	200
L-IL-PALB-150-G-1 ID: 0033803	L-IL-PALB-150-G-1-DSN ID: 0033808	150	40	185	52	12	300
L-IL-PALB-200-G-1 ID: 0033804	L-IL-PALB-200-G-1-DSN ID: 0033809	200	48	235	54	16	350



-3 (plate)



3-DSN (plate+
double brake)

Matching accessories can be found on page 432

floors**Features:**

- PALB and PALZ wheel series, with roller bearings:
- polyamide 6 wheel body with roller bearings
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: POD/TR)



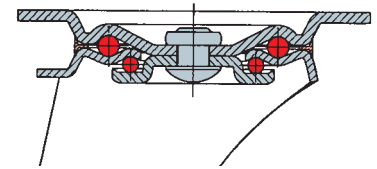
“Our PALB series with strongly convex running surface: excellent turning characteristics”

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PALZ-058-29-31-R10 Ident No.: 0035502	58	29	10	31	75
PALZ-065-30-40-R12 Ident No.: 0025281	65	30	12	40	120
PALB-080-33-40-R12 Ident No.: 0033523	80	33	12	40	150
PALB-100-35-40-R12 Ident No.: 0033524	100	35	12	40	200
PALB-125-36-50-R15 Ident No.: 0033525	125	36	15	50	300
PALB-150-40-58-R20 Ident No.: 0033526	150	40	20	58	450
PALZ-175-48-60-R20 Ident No.: 0025294	175	48	20	60	500
PALB-200-48-58-R20 Ident No.: 0033527	200	48	20	58	550
PALZ-250-58-75-R25 Ident No.: 0025297	250	58	25	75	700

Suitable castors can be found on pages 174, 175

Matching accessories can be found on page 432

polyamide// standard housing IS, IL// up to 450 kg



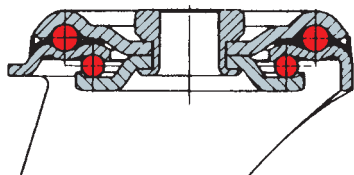
Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	fixed castors	       	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IS-PALZ-058-R-3 ID: 0012175		B-IS-PALZ-058-R ID: 0012134		58	29	76	21	80 x 60	60 x 40	7	75
L-IS-PALZ-065-R-3-black ID: 0012178		B-IS-PALZ-065-R-black ID: 0012136		65	32	87	20	95 x 70	75 x 45	7	100
L-IL-PALB-080-R-3 ID: 0033839	L-IL-PALB-080-R-3-DSN ID: 0033845	B-IL-PALB-080-R ID: 0033850		80	33	100	36	105 x 80	80 x 60	9	150
L-IL-PALB-100-R-3 ID: 0033841	L-IL-PALB-100-R-3-DSN ID: 0033846	B-IL-PALB-100-R ID: 0033851		100	35	125	36	105 x 80	80 x 60	9	200
L-IK-PALZ-100-R-3-GP ID: 0031009	L-IL-PALZ-100-R-3-DSN ID: 0038110	B-IL-PALZ-100-3 ID: 0038111		100	38	128	45	135 x 110	105 x 80	11	200
L-IL-PALB-125-R-3 ID: 0033842	L-IL-PALB-125-R-3-DSN ID: 0033847	B-IL-PALB-125-R ID: 0033852		125	36	155	36	105 x 80	80 x 60	9	200
L-IK-PALZ-125-R-3-GP ID: 0012236	L-IL-PALZ-125-R-3-DSV ID: 0031305	B-IL-PALZ-125-R ID: 0012157		125	38	155	48	135 x 110	105 x 80	11	300
L-IL-PALB-150-R-3 ID: 0033843	L-IL-PALB-150-R-3-DSN ID: 0033848	B-IL-PALB-150-R ID: 0033853		150	40	185	52	135 x 110	105 x 80	11	300
L-IS-PALZ-175-R-3 ID: 0029552	L-IS-PALZ-175-R-3-DSN ID: 0029559	B-IS-PALZ-175-R ID: 0029566		175	45	208	52	135 x 105	105 x 80	11	350
L-IL-PALB-200-R-3 ID: 0033844	L-IL-PALB-200-R-3-DSN ID: 0033849	B-IL-PALB-200-R ID: 0033854		200	48	235	54	135 x 110	105 x 80	11	350
L-IK-PALZ-250-R-3 ID: 0012456	L-IK-PALZ-250-R-3-DSN ID: 0012457	B-IK-PALZ-250-R ID: 0012172		250	58	290	66	135 x 110	105 x 80	11	400
L-IP-PALZ-250-R-3-GP ID: 0029554	L-IP-PALZ-250-R-3-DSV-GP ID: 0029561	B-IP-PALZ-250-R-GP ID: 0029568		250	58	290	70	175 x 175	140 x 140	15	450

Matching accessories can be found on page 432



Features:

- castor series IS, IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IL-PALB-080-R-1 ID: 0033810	L-IL-PALB-080-R-1-DSN ID: 0033815	80	33	100	36	12	150
L-IL-PALB-100-R-1 ID: 0033811	L-IL-PALB-100-R-1-DSN ID: 0033816	100	35	125	36	12	200
L-IL-PALB-125-R-1 ID: 0033812	L-IL-PALB-125-R-1-DSN ID: 0033817	125	36	155	36	12	200
L-IL-PALB-150-R-1 ID: 0033813	L-IL-PALB-150-R-1-DSN ID: 0033818	150	40	185	52	12	300
L-IL-PALB-200-R-1 ID: 0033814	L-IL-PALB-200-R-1-DSN ID: 0033819	200	48	235	54	16	350



"Bolt hole 12 or 16 mm is optionally available for wheel diameters 160 and 200 mm"



Features:

- HDK wheel series:
- plastic wheel body, black, with plain bearings

Properties:

- extremely temperature resistant: -40° C to +250° C
- (old designation: HI)

Note:

These wheels are not entirely suitable for crossing thresholds and for use on uneven floors.

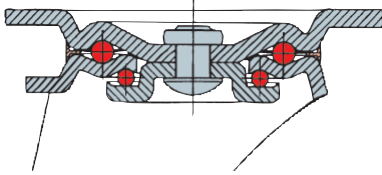
floors



"Duroplast castors: for up to 250° C"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
HDK-080-33-40-G12 Ident No.: 0016807	80	33	12	40	150
HDK-100-34-40-G12 Ident No.: 0016809	100	34	12	40	160
HDK-125-40-48-G15 Ident No.: 0016814	125	40	15	48	180
HDK-150-50-58-G20 Ident No.: 0016818	150	50	20	58	250
HDK-200-52-58-G20 Ident No.: 0016822	200	52	20	58	300

heat-resistant plastic // standard housing IT **//** up to 300 kg



Features:

- castor series IT:
- steel sheet housing, shiny galvanized
- fork head with double ball bearing
- without plastic seal in the fork head
- with temperature-resistant grease
- (old designation: LO)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IT-HDK-080-G-3 ID: 0030244	L-IT-HDK-080-G-3-DSN ID: 0030249	B-IT-HDK-080-G ID: 0030254	80	33	108	36	100 x 80	80 x 60	9	90
L-IT-HDK-100-G-3 ID: 0030245	L-IT-HDK-100-G-3-DSN ID: 0030250	B-IT-HDK-100-G ID: 0030255	100	34	128	36	100 x 80	80 x 60	9	110
L-IT-HDK-125-G-3 ID: 0030246	L-IT-HDK-125-G-3-DSN ID: 0030251	B-IT-HDK-125-G ID: 0030256	125	38	158	41	117 x 85	80 x 60	9	150
L-IT-HDK-150-G-3 ID: 0030247	L-IT-HDK-150-G-3-DSN ID: 0030252	B-IT-HDK-150-G ID: 0030257	150	50	202	46	133 x 106	105 x 80	12	200
L-IT-HDK-200-G-3 ID: 0030248	L-IT-HDK-200-G-3-DSN ID: 0030253	B-IT-HDK-200-G ID: 0030258	200	52	239	54	140 x 110	105 x 80	12	300

Matching accessories can be found on page 432



Features:

- HGK wheel series:
- wheel body made of plastic, black, with plain or ball bearing
- rubber tread, red

Properties:

- non-marking
- permanently elastic
- extremely temperature resistant: -60° C to +250° C
- (old designation: HI-Soft)

Note:

The specified load-carrying capacity is reduced by approx. 30% at the max. warming

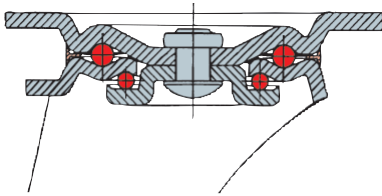
floors



wheels
HGK-080-30-39-G12 Ident No.: 0034413
HGK-100-30-38-G12 Ident No.: 0016811
HGK-125-30-38-G12 Ident No.: 0016816
HGK-150-40-58-K20 Ident No.: 0033075
HGK-200-50-59-G20 Ident No.: 0080034

 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
80	30	12	39	40
100	30	12	38	60
125	30	12	38	80
150	40	20	58	100
200	50	20	59	200

heat-resistant rubber // standard housing IT **//** up to 100 kg



Features:

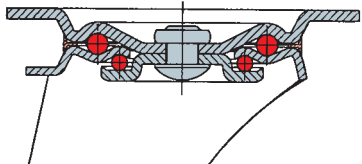
- castor series IT:
- steel sheet housing, shiny galvanized
- fork head with double ball bearing
- without plastic seal in the fork head
- with temperature-resistant grease
- (old designation: LO)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IT-HGK-100-G-3 ID: 0030259	L-IT-HGK-100-G-3-DSN ID: 0030261	B-IT-HGK-100-G ID: 0030263	100	30	128	36	100 x 80	80 x 60	9	60
L-IT-HGK-125-G-3 ID: 0030260	L-IT-HGK-125-G-3-DSN ID: 0030262	B-IT-HGK-125-G ID: 0030264	125	30	155	41	100 x 80	80 x 60	9	80
L-IT-HGK-150-K-3 ID: 0032862	L-IT-HGK-150-G-3-DSN ID: 0040652	B-IT-HGK-150-K ID: 0032863	150	40	202	46	130 x 106	105 x 80	11	100

Matching accessories can be found on page 432

heat-resistant rubber // stainless steel standard series IV // up to 80 kg



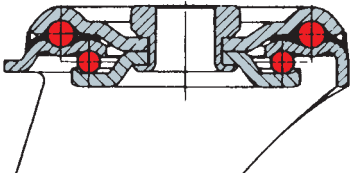
- Features:**
- castor series IV:
 - standard stainless steel housing
 - fork head with double ball bearing
 - all mounted parts are resistant to rust and acid
 - (old designation: RFL/...)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IV-HGK-100-G-3 ID: 0023430	L-IV-HGK-100-G-3-DSN ID: 0023431	B-IV-HGK-100-G ID: 0023298	100	30	128	32	100 x 80	80 x 60	9	60
L-IV-HGK-125-G-3 ID: 0023432	L-IV-HGK-125-G-3-DSN ID: 0023433	B-IV-HGK-125-G ID: 0023299	125	30	155	32	100 x 80	80 x 60	9	100

Matching accessories can be found on page 432

heat-resistant rubber // stainless steel standard series IV // up to 100 kg



Features:

- castor series IV:
- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/...)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IV-HGK-100-G-1 ID: 0034185	L-IV-HGK-100-G-1-DSN ID: 0035735	100	30	128	32	12	60
L-IV-HGK-125-G-1 ID: 0036981	L-IV-HGK-125-G-1-DSN ID: 0037325	125	30	155	32	12	80
L-IV-HGK-150-K-1 ID: 0035009	L-IV-HGK-150-K-1-DSN ID: 0035010	150	40	192	52	12	100

Matching accessories can be found on page 432

MEDIUM-WEIGHT CASTORS UP TO 700 KG



SERIES	medium-weight castors elastic solid rubber	medium-weight castors thermoplastic	medium-weight castors polyurethane	medium-weight castors elastic polyurethane	medium-weight castors polyamide
LOAD-CARRYING CAPACITY	up to 500 kg	up to 450 kg	up to 700 kg	up to 700 kg	up to 700 kg
WHEEL-Ø	80 mm – 250 mm	80 mm – 250 mm	80 mm – 250 mm	80 mm – 250 mm	80 mm – 250 mm
MATERIAL/TIRES	elastic solid rubber	thermoplastic	polyurethane	elastic polyurethane	polyamide
BEARING	ball bearing	ball bearing	ball bearing	ball bearing	ball bearing
PAGES	186	188	190	194	196



“Hardened bearing shells”



Castors with **medium-weight housing up to 700 kg**

Torwegge's medium-duty series of housing are made from deep-drawn, galvanized steel sheet with a stronger design to match the tougher operational demands. The top of the housing has double ball bearings and stable rivets. Medium-duty castors are commonly used by a variety of industrial sectors in transport racks. They can carry a max. load of 1,800 kg at 4 m/h.

Housing description

- 🔧 version with mounting plate
- 🔧 double brake for the post-run
- 🔧 fork head with double ball bearing
- 🔧 riveted fork head
- 🔧 seal with integrated ball spacer
- 🔧 maintenance-free: lubricated with long-life grease
- 🔧 can be retrofitted with foot protection

Temperature range

-25° C to + 90° C

areas of use // floors





Features:

- EGA wheel series:
- die-cast aluminum wheel body with ball bearing
- tread surface made of elastic solid rubber, black, approx. 65° shore A

Properties:

- high elasticity with low rolling resistance
- runs quietly
- sturdy and shock-resistant
- absorbs vibration
- also available with grey wheels
- (old designation: F3)

floors



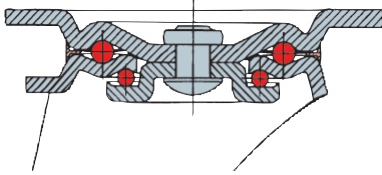
"Super travelling comfort"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EGA-080-38-40-K12 Ident No.: 0017789	80	38	12	40	120
EGA-100-40-40-K12 Ident No.: 0038446	100	40	12	40	180
EGA-125-40-50-K20 Ident No.: 0038447	125	40	20	50	200
EGA-160-50-60-K20 Ident No.: 0038448	160	50	20	60	300
EGA-200-50-60-K20 Ident No.: 0037761	200	50	20	60	400
EGA-250-50-60-K25 Ident No.: 0037797	250	50	25	60	500

Suitable castors can be found on pages 130, 131, 160, 187, 203

Matching accessories can be found on page 432

elastic rubber // medium-weight housing IM // up to 500 kg



Features:

- castor series IM:
- heavy steel plate housing, galvanized
- fork head with double ball bearing
- (old designation: LU)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IM-EGA-080-K-3 ID: 0027613	L-IM-EGA-080-K-3-DSN ID: 0027612	B-IM-EGA-080-K ID: 0027614	80	38	108	40	105 x 80	80 x 60	8.5	120
L-IM-EGA-100-K-3 ID: 0020250	L-IM-EGA-100-K-3-DSN ID: 0020255	B-IM-EGA-100-K ID: 0020260	100	40	128	40	105 x 80	80 x 60	8.5	180
L-IM-EGA-125-K-3 ID: 0020251	L-IM-EGA-125-K-3-DSN ID: 0020256	B-IM-EGA-125-K ID: 0020261	125	40	155	40	105 x 80	80 x 60	8.5	200
L-IM-EGA-160-K-3 ID: 0020252	L-IM-EGA-160-K-3-DSN ID: 0020257	B-IM-EGA-160-K ID: 0020262	160	50	200	56	135 x 110	105 x 80	10.5	300
L-IM-EGA-200-K-3 ID: 0020253	L-IM-EGA-200-K-3-DSN ID: 0020258	B-IM-EGA-200-K ID: 0020263	200	50	245	56	135 x 110	105 x 80	10.5	400
L-IM-EGA-250-K-3 ID: 0023359	L-IM-EGA-250-K-3-DSN ID: 0023360	B-IM-EGA-250-K ID: 0023361	250	50	297	67	135 x 110	105 x 80	10.5	500



3-DSV
(plate+brake)

Matching accessories can be found on page 432



Features:

- TPKH wheel series:
- polypropylene wheel body with 2 ball bearings per wheel
- tread made of thermoplastic rubber, grey, approx. 85° shore A

Properties:

- runs quietly
- non-marking
- higher load-carrying capacity than rubber
- minimal rolling resistance
- shock-resistant
- (old designation: THKS)

floors

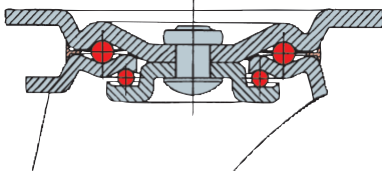


wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
TPKH-080-35-40-K12 Ident No.: 0014307	80	35	12	40	120
TPKH-100-35-40-K12 Ident No.: 0014308	100	35	12	40	150
TPKH-125-40-50-K15 Ident No.: 0014309	125	40	15	50	200
TPKH-150-45-60-K20 Ident No.: 0014310	150	45	20	60	260
TPKH-160-45-60-K20 Ident No.: 0014311	160	45	20	60	260
TPKH-200-50-60-K20 Ident No.: 0014312	200	50	20	60	350
TPKH-250-60-75-K25 Ident No.: 0016967	250	60	25	75	450

Suitable castors can be found on pages 139, 140, 189

Matching accessories can be found on page 432

thermoplastic // medium-weight housing IM // up to 450 kg



Features:

- castor series IM:
- heavy steel plate housing, galvanized
- fork head with double ball bearing
- (old designation: LU)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IM-TPKH-080-K-3 ID: 0020317	L-IM-TPKH-080-K-3-DSN ID: 0020323	B-IM-TPKH-080-K ID: 0020329	80	35	108	40	105 x 80	80 x 60	8.5	120
L-IM-TPKH-100-K-3 ID: 0020318	L-IM-TPKH-100-K-3-DSN ID: 0020324	B-IM-TPKH-100-K ID: 0020330	100	35	128	40	105 x 80	80 x 60	8.5	150
L-IM-TPKH-125-K-3 ID: 0020319	L-IM-TPKH-125-K-3-DSN ID: 0020325	B-IM-TPKH-125-K ID: 0020331	125	40	155	40	105 x 80	80 x 60	8.5	200
L-IM-TPKH-160-K-3 ID: 0020320	L-IM-TPKH-160-K-3-DSN ID: 0020326	B-IM-TPKH-160-K ID: 0020332	160	45	200	56	135 x 110	105 x 80	10.5	260
L-IM-TPKH-200-K-3 ID: 0020321	L-IM-TPKH-200-K-3-DSN ID: 0020327	B-IM-TPKH-200-K ID: 0020333	200	50	245	56	135 x 110	105 x 80	10.5	350
L-IM-TPKH-250-K-3 ID: 0023317	L-IM-TPKH-250-K-3-DSV ID: 0020328	B-IM-TPKH-250-K ID: 0023322	250	60	297	67	135 x 110	105 x 80	10.5	450

Matching accessories can be found on page 432



Features:

- PUZK wheel series:
- polyamide 6 wheel body with ball bearing
- tread made of polyurethane, approx. 95° shore A

Properties:

- high load capacity
- low abrasion, non-marking
- shock-resistant, low rolling resistance
- resistant to oil and grease
- excellent chemical resistance
- resistant to cutting by metal chips
- (old designation: PUSKS)



***"Versatile, affordable,
optimally designed"***

floors

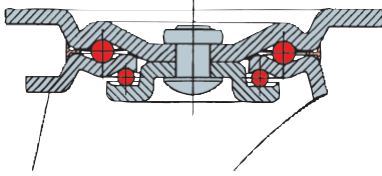


wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUZK-080-35-40-K12 Ident No.: 0015450	80	35	12	40	150
PUZK-100-35-40-K12 Ident No.: 0015451	100	35	12	40	200
PUZK-125-40-50-K15 Ident No.: 0015452	125	40	15	50	250
PUZK-150-45-60-K20 Ident No.: 0015453	150	45	20	60	380
PUZK-160-45-60-K20 Ident No.: 0015454	160	45	20	60	400
PUZK-200-50-60-K20 Ident No.: 0015455	200	50	20	60	500
PUZK-250-60-75-K25 Ident No.: 0016975	250	60	25	75	700

Suitable castors can be found on pages 146, 147, 161, 191

Matching accessories can be found on page 432

polyurethane // medium-weight housing IM // up to 700 kg



Features:

- castor series IM:
- heavy steel plate housing, galvanized
- fork head with double ball bearing
- (old designation: LU)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IM-PUZK-080-K-3 ID: 0021242	L-IM-PUZK-080-K-3-DSN ID: 0021248	B-IM-PUZK-080-K ID: 0021254	80	35	108	40	105 x 80	80 x 60	8.5	150
L-IM-PUZK-100-K-3 ID: 0021243	L-IM-PUZK-100-K-3-DSN ID: 0021249	B-IM-PUZK-100-K ID: 0021255	100	35	128	40	105 x 80	80 x 60	8.5	200
L-IM-PUZK-125-K-3 ID: 0021244	L-IM-PUZK-125-K-3-DSN ID: 0021,250	B-IM-PUZK-125-K ID: 0021256	125	40	155	40	105 x 80	80 x 60	8.5	250
L-IM-PUZK-160-K-3 ID: 0021245	L-IM-PUZK-160-K-3-DSN ID: 0021251	B-IM-PUZK-160-K ID: 0021257	160	45	200	56	135 x 110	105 x 80	10.5	380
L-IM-PUZK-200-K-3 ID: 0021246	L-IM-PUZK-200-K-3-DSN ID: 0021252	B-IM-PUZK-200-K ID: 0021258	200	50	245	56	135 x 110	105 x 80	10.5	500
L-IM-PUZK-250-K-3 ID: 0023333	L-IM-PUZK-250-K-3-DSV ID: 0023336	B-IM-PUZK-250-K ID: 0023339	250	60	297	67	135 x 110	105 x 80	10.5	700



3-DSV
(plate+brake)

Matching accessories can be found on page 432



Features:

- PUZA wheel series:
- die-cast aluminum wheel body with ball bearing
- tread made of molded polyurethane, approx. 92° shore A
- cylindrical tread

Properties:

- high load capacity
- low abrasion, non-marking, shock-resistant
- low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- (old designation: PA)



floors

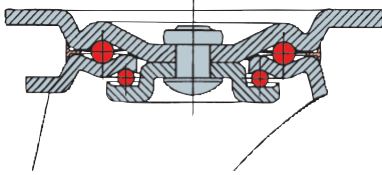


wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUZA-080-36-40-K12 Ident No.: 0022513	80	36	12	40	180
PUZA-100-40-40-K12 Ident No.: 0038440	100	40	12	40	280
PUZA-125-40-50-K20 Ident No.: 0038441	125	40	20	50	350
PUZA-160-50-60-K20 Ident No.: 0038442	160	50	20	60	500
PUZA-200-50-60-K20 Ident No.: 0038443	200	50	20	60	700
PUZA-250-60-60-K25 Ident No.: 0013016	250	60	25	60	800

Suitable castors can be found on pages 193, 207

Matching accessories can be found on page 432

polyurethane // medium-weight housing IM // up to 700 kg



Features:

- castor series IM:
- heavy steel plate housing, galvanized
- fork head with double ball bearing
- (old designation: LU)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IM-PUZA-080-K-3 ID: 0020232	L-IM-PUZA-080-K-3-DSN ID: 0020238	B-IM-PUZA-080-K ID: 0020244	80	36	108	40	105 x 80	80 x 60	8.5	180
L-IM-PUZA-100-K-3 ID: 0020233	L-IM-PUZA-100-K-3-DSN ID: 0020239	B-IM-PUZA-100-K ID: 0020245	100	40	128	40	105 x 80	80 x 60	8.5	280
L-IM-PUZA-125-K-3 ID: 0020234	L-IM-PUZA-125-K-3-DSN ID: 0020240	B-IM-PUZA-125-K ID: 0020246	125	40	155	40	105 x 80	80 x 60	8.5	350
L-IM-PUZA-160-K-3 ID: 0020235	L-IM-PUZA-160-K-3-DSN ID: 0020241	B-IM-PUZA-160-K ID: 0020247	160	50	200	56	135 x 110	105 x 80	10.5	500
L-IM-PUZA-200-K-3 ID: 0020236	L-IM-PUZA-200-K-3-DSN ID: 0020242	B-IM-PUZA-200-K ID: 0020248	200	50	245	56	135 x 110	105 x 80	10.5	500
L-IM-PUZA-250-K-3 ID: 0023356	L-IM-PUZA-250-K-3-DSV ID: 0023357	B-IM-PUZA-250-K ID: 0023358	250	60	297	67	135 x 110	105 x 80	10.5	700



3-DSV
(plate+brake)



foot protection

Matching accessories can be found on page 432



Features:

- EPUA wheel series:
- die-cast aluminum wheel body with ball bearing
- tread surface made of molded polyurethane, 78° shore A

Properties:

- high load capacity
- low rolling resistance
- non-marking, runs quietly
- sturdy and shock-resistant
- absorbs vibration
- (old designation: EPA)

floors



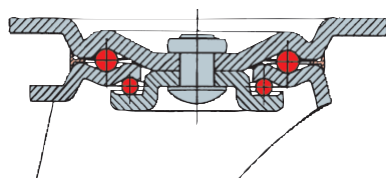
"Moves heavy weights elastically"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EPUA-100-30-40-K12 Ident No.: 0016059	100	30	12	40	200
EPUA-125-40-40-K15 Ident No.: 0016060	125	40	15	40	300
EPUA-160-50-60-K20 Ident No.: 0016063	160	50	20	60	500
EPUA-180-50-60-K20 Ident No.: 0016064	180	50	20	60	500
EPUA-200-50-60-K20 Ident No.: 0016065	200	50	20	60	700
EPUA-250-50-60-K20 Ident No.: 0037935	250	50	20	60	900

Suitable castors can be found on pages 195, 213, 214

Matching accessories can be found on page 432

elastic polyurethane // medium-weight housing IM // up to 600 kg



Features:

- castor series IM:
- heavy steel plate housing, galvanized
- fork head with double ball bearing
- (old designation: LU)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IM-EPUA-100-K-3 ID: 0026818	L-IM-EPUA-100-K-3-DSN ID: 0026822	B-IM-EPUA-100-K ID: 0026826	100	30	128	40	105 x 80	80 x 60	8.5	200
L-IM-EPUA-125-K-3 ID: 0026819	L-IM-EPUA-125-K-3-DSN ID: 0026823	B-IM-EPUA-125-K ID: 0026827	125	40	155	40	105 x 80	80 x 60	8.5	300
L-IM-EPUA-160-K-3 ID: 0026820	L-IM-EPUA-160-K-3-DSN ID: 0026824	B-IM-EPUA-160-K ID: 0026828	160	50	200	56	135 x 110	105 x 80	10.5	500
L-IM-EPUA-200-K-3 ID: 0026821	L-IM-EPUA-200-K-3-DSN ID: 0026825	B-IM-EPUA-200-K ID: 0026829	200	50	245	56	135 x 110	105 x 80	10.5	600

Matching accessories can be found on page 432



Features:

- PAM and PAH wheel series:
- polyamide 6 wheel body with ball bearing
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: POKS and 820)

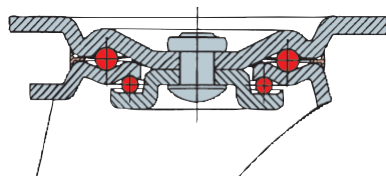
floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAM-080-35-40-K12 Ident No.: 0015402	80	35	12	40	200
PAM-100-35-40-K12 Ident No.: 0015403	100	35	12	40	300
PAM-125-40-50-K15 Ident No.: 0015404	125	40	15	50	400
PAM-150-45-60-K20 Ident No.: 0015405	150	45	20	60	700
PAM-160-45-60-K20 Ident No.: 0015406	160	45	20	60	700
PAM-200-50-60-K20 Ident No.: 0015407	200	50	20	60	1,000
PAM-250-60-75-K25 Ident No.: 0016979	250	60	25	75	1,300

Suitable castors can be found on pages 197, 217, 219

Matching accessories can be found on page 432



Features:

- castor series IM:
- heavy steel plate housing, galvanized
- fork head with double ball bearing
- (old designation: LU)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IM-PAM-080-K-3 ID: 0021071	L-IM-PAM-080-K-3-DSN ID: 0021077	B-IM-PAM-080-K ID: 0021083	80	35	108	40	105 x 80	80 x 60	8.5	200
L-IM-PAM-100-K-3 ID: 0021072	L-IM-PAM-100-K-3-DSN ID: 0021078	B-IM-PAM-100-K ID: 0021084	100	35	128	40	105 x 80	80 x 60	8.5	300
L-IM-PAM-125-K-3 ID: 0021073	L-IM-PAM-125-K-3-DSN ID: 0021079	B-IM-PAM-125-K ID: 0021085	125	40	155	40	105 x 80	80 x 60	8.5	400
L-IM-PAM-150-K-3 ID: 0021074	L-IM-PAM-150-K-3-DSN ID: 0021080	B-IM-PAM-150-K ID: 0021086	150	45	195	56	135 x 110	105 x 80	10.5	500
L-IM-PAM-200-K-3 ID: 0021075	L-IM-PAM-200-K-3-DSN ID: 0021081	B-IM-PAM-200-K ID: 0021087	200	50	245	56	135 x 110	105 x 80	10.5	500
L-IM-PAM-250-K-3 ID: 0023349	L-IM-PAM-250-K-3-DSV ID: 0023352	B-IM-PAM-250-K ID: 0023355	250	60	297	67	135 x 110	105 x 80	10.5	700



3-DSV
(plate+brake)

HEAVY-DUTY CASTORS UP TO 1,250 KG



SERIES	elastic solid rubber heavy-duty castors	polyurethane heavy-duty castors	elastic polyurethane heavy-duty castors	polyamide heavy-duty castors	grey cast iron
LOAD-CARRYING CAPACITY	up to 550 kg	up to 1,250 kg	up to 900 kg	up to 1,250 kg	up to 1,250 kg
WHEEL-Ø	80 mm – 250 mm	80 mm – 250 mm	100 mm – 250 mm	80 mm – 250 mm	80 mm – 250 mm
MATERIAL/TIRES	elastic solid rubber	polyurethane	elastic-polyurethane	polyamide	grey cast iron, malleable cast
BEARING	ball bearing	ball bearing	ball bearing	ball bearing	plain bearing, ball bearing
PAGES	202	204	212	216	220



“Extra resistant to shock and impact”



Castors with heavy-duty **steel plate housing up to 1,250 kg**

Torwegge's heavy-duty steel plate housings are built with deep-drawn, galvanized steel plate that is designed for much higher dynamic stress loads. The swivel housings are equipped with hardened bearing seats which make them more resistant to knocks and bumps. There are two different designs for the housing tops. The housing top has double ball bearings and is either screwed or triple-riveted. The riveted variant has a fully enclosed fork head.

Housing description

- 🔩 version with mounting plate
- 🔩 double brake for the pre-run
- 🔩 a direction lock is possible
- 🔩 fork head with double ball bearing
- 🔩 riveted or screwed on
- 🔩 low maintenance: lubricated with long-life grease, can be re-lubricated
- 🔩 can be retrofitted with foot protection

Temperature range

-25° C to + 90° C

areas of use // floors





Features:

- EGA wheel series:
- die-cast aluminum wheel body with ball bearing
- tread surface made of elastic solid rubber, black, approx. 65° shore A

Properties:

- high elasticity with low rolling resistance
- runs quietly
- sturdy and shock-resistant
- absorbs vibration
- also available with grey wheels
- (old designation: F3)

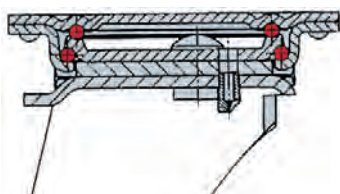
floors



"Super travelling comfort"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EGA-100-40-40-K12 Ident No.: 0038446	100	40	12	40	180
EGA-125-40-50-K20 Ident No.: 0038447	125	40	20	50	200
EGA-160-50-60-K20 Ident No.: 0038448	160	50	20	60	300
EGA-200-50-60-K20 Ident No.: 0037761	200	50	20	60	400
EGA-250-50-60-K25 Ident No.: 0037797	250	50	25	60	500

elastic rubber // heavy housing IG // up to 500 kg



Features:

- castor series IG:
- reinforced steel plate housing, galvanized
- fork head with double ball bearing and hardened bearing shells with seal
- can be lubricated
- fork head without center pin
- (old designation: LV)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IG-EGA-100-K-3 ID: 0023869	L-IG-EGA-100-K-3-DSV ID: 0023870	B-IG-EGA-100-K-3 ID: 0023756	100	40	127	40	105 x 80	80 x 60	9	180
L-IG-EGA-125-K-3 ID: 0023877	L-IG-EGA-125-K-3-DSV ID: 0023878	B-IG-EGA-125-K-3 ID: 0023757	125	40	178	50	135 x 110	105 x 75	11	200
L-IG-EGA-160-K-3 ID: 0023879	L-IG-EGA-160-K-3-DSV ID: 0023880	B-IG-EGA-160-K-3 ID: 0023758	160	50	215	53	135 x 110	105 x 75	11	300
L-IG-EGA-200-K-3 ID: 0023881	L-IG-EGA-200-K-3-DSV ID: 0023882	B-IG-EGA-200-K-3 ID: 0023759	200	50	245	65	135 x 110	105 x 75	11	400
L-IG-EGA-250-K-3 ID: 0023883	L-IG-EGA-250-K-3-DSV ID: 0023884	B-IG-EGA-250-K-3 ID: 0023760	250	50	297	67	135 x 110	105 x 75	11	500



with disc brake

Matching accessories can be found on page 432



Features:

- EGS wheel series:
- thick-walled steel sheet wheel body with ball bearing
- tread made of elastic solid rubber, approx. 65° shore A

Properties:

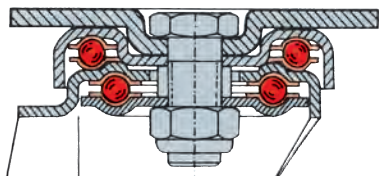
- high elasticity with low rolling resistance
- excellent travel comfort
- runs quietly
- sturdy and shock-resistant
- absorbs vibration
- (old designation: ETS)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub ø mm	 hub length mm	 load-carrying capacity kg
EGS-160-50-60-K20 Ident No.: 0016322	160	50	20	58	60	350
EGS-200-50-60-K20 Ident No.: 0016323	200	50	20	58	60	450
EGS-250-50-60-K20 Ident No.: 0016325	250	50	20	58	60	550

elastic rubber // heavy housing IH **//** up to 550 kg



Features:

- castor series IH:
- heavy steel plate housing, galvanized
- fork head with double ball bearing and hardened bearing shells
- extra resistant to shock and impact
- (old designation: LM)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IH-EGS-160-K-3 ID: 0018968	L-IH-EGS-160-K-3-DSV ID: 0018969	B-IH-EGS-160-K ID: 0015324	160	50	205	45	135 x 110	105 x 80	12.5	350
L-IH-EGS-200-K-3 ID: 0018970	L-IH-EGS-200-K-3-DSV ID: 0018971	B-IH-EGS-200-K ID: 0015325	200	50	245	57	135 x 110	105 x 80	12.5	450
L-IH-EGS-250-K-3 ID: 0018972	L-IH-EGS-250-K-3-DSV ID: 0018973	B-IH-EGS-250-K ID: 0015326	250	60	300	60	135 x 110	105 x 80	12.5	550

Matching accessories can be found on page 432



Features:

- PUZA wheel series:
- die-cast aluminum wheel body with ball bearing
- tread made of molded polyurethane, approx. 92° shore A
- cylindrical tread

Properties:

- high load capacity
- low abrasion, non-marking, shock-resistant
- low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- (old designation: PA)



"Low weight and high load capacity"

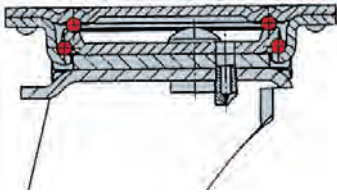
floors



wheels

	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUZA-080-36-40-K12 Ident No.: 0022513	80	36	12	40	180
PUZA-100-40-40-K12 Ident No.: 0038440	100	40	12	40	280
PUZA-125-40-50-K20 Ident No.: 0038441	125	40	20	50	350
PUZA-160-50-60-K20 Ident No.: 0038442	160	50	20	60	500
PUZA-200-50-60-K20 Ident No.: 0038443	200	50	20	60	700
PUZA-250-60-60-K25 Ident No.: 0013016	250	60	25	60	800

Matching accessories can be found on page 432



Features:

- castor series IG:
- reinforced steel plate housing, galvanized
- fork head with double ball bearing and hardened bearing shells with seal
- can be lubricated
- fork head without center pin
- (old designation: LV)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IG-PUZA-082-K-3 ID: 0036842	L-IG-PUZA-082-K-3-DSV ID: 0019440	B-IG-PUZA-082-K ID: 0015515	82	30	118	40	105 x 85	80 x 60	9	180
L-IG-PUZA-100-K-3 ID: 0019442	L-IG-PUZA-100-K-3-DSV ID: 0019443	B-IG-PUZA-100-K ID: 0015516	100	40	127	40	105 x 85	80 x 60	9	280
L-IG-PUZA-125-K-3 ID: 0037537	L-IG-PUZA-125-K-3-DSV ID: 0037769	B-IG-PUZA-125-K ID: 0037538	125	40	178	50	135 x 110	105 x 75	11	350
L-IG-PUZA-160-K-3 ID: 0034629	L-IG-PUZA-160-K-3-DSV ID: 0036615	B-IG-PUZA-160-K ID: 0015519	160	50	215	53	135 x 110	105 x 75	11	500
L-IG-PUZA-200-K-3 ID: 0036520	L-IG-PUZA-200-K-3-DSV ID: 0037295	B-IG-PUZA-200-K ID: 0030969	200	50	245	65	135 x 110	105 x 75	11	700



with disc brake



Features:

- PUZG wheel series:
- wheel body made of special grey cast iron with ball bearing
- tread made of molded polyurethane, approx. 95° shore A

Properties:

- high load capacity
- low abrasion, non-marking, shock-resistant
- low rolling resistance
- excellent chemical resistance
- resistant to oil and grease
- resistant to cutting by metal chips
- (old designation: series 4)

floors



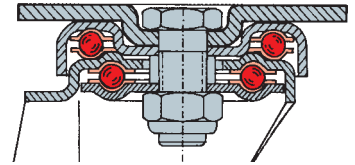
wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUZG-080-36-36-K15 Ident No.: 0011972	80	36	15	36	250
PUZG-100-30-36-K15 Ident No.: 0011975	100	30	15	36	250
PUZG-100-40-47-K15 Ident No.: 0011979	100	40	15	47	350
PUZG-125-35-47-K15 Ident No.: 0011980	125	35	15	47	300
PUZG-125-40-47-K15 Ident No.: 0011983	125	40	15	47	350
PUZG-125-50-60-K20 Ident No.: 0038444	125	50	20	60	550
PUZG-150-40-47-K20 Ident No.: 0011984	150	40	20	47	500
PUZG-150-50-50-K25 Ident No.: 0011989	150	50	25	50	700
PUZG-150-50-60-K20 Ident No.: 0039227	150	50	20	60	700
PUZG-150-60-65-K25 Ident No.: 0011988	150	60	25	65	930
PUZG-200-50-60-K25 Ident No.: 0037762	200	50	25	60	1,000
PUZG-200-60-65-K25 Ident No.: 0011996	200	60	25	65	1,200
PUZG-200-80-80-K35 Ident No.: 0011997	200	80	35	80	1,500
PUZG-250-50-60-K25 Ident No.: 0038445	250	50	25	60	1,200
PUZG-250-60-60-K25 Ident No.: 0039228	250	60	25	60	1,400
PUZG-250-60-65-K25 Ident No.: 0039229	250	60	25	65	1,400

Suitable castors can be found on pages 210, 211

					
wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub length mm	load-carrying capacity kg
PUZG-250-80-80-K35 Ident No.: 0039230	250	80	35	80	1,800
PUZG-250-100-100-K35 Ident No.: 0012014	250	100	35	100	2,200
PUZG-300-70-70-K30 Ident No.: 0012019	300	70	30	70	2,200
PUZG-300-100-100-K40 Ident No.: 0012020	300	100	40	100	3,000
PUZG-350-100-100-K50 Ident No.: 0012021	350	100	50	100	3,500
PUZG-400-100-100-K50 Ident No.: 0012022	400	100	50	100	3,800
PUZG-400-100-100-K60 Ident No.: 0031206	400	100	60	100	3,500
PUZG-500-100-100-K50 Ident No.: 0012023	500	100	50	100	4,500

Matching accessories can be found on page 432

polyurethane // heavy housing HO // up to 4,500 kg



Features:

- castor series HO:
- heavy steel plate housing, galvanized
- for wheel diameters of 250 mm or larger, housing with steel welded construction
- fork head with double ball bearing and hardened bearing shells
- extra resistant to shock and impact
- (old designation: series 40)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-HO-PUZG-080-K-3 ID: 0012024	L-HO-PUZG-080-K-3-DSV ID: 0012025	B-HO-PUZG-080-K ID: 0012596	80	36	112	39	105 x 85	80 x 60	9	180
L-HO-PUZG-100-K-3 ID: 0012026	L-HO-PUZG-100-K-3-DSV ID: 0012028	B-HO-PUZG-100-K ID: 0012597	100	30	132	40	105 x 85	80 x 60	9	200
L-HO-PUZG-100-K-3-B40 ID: 0012029	L-HO-PUZG-100-K-3-DSV-B40 ID: 0012030	B-HO-PUZG-100-K-B40 ID: 0012599	100	40	145	40	105 x 85	80 x 60	9	300
L-HO-PUZG-125-K-3 ID: 0012031	L-HO-PUZG-125-K-3-DSV ID: 0012032	B-HO-PUZG-125-K ID: 0012600	125	35	159	40	105 x 85	80 x 60	9	250
L-HO-PUZG-125-K-3-B40 ID: 0012033	L-HO-PUZG-125-K-3-DSV ID: 0012034	B-HO-PUZG-125-K-B40 ID: 0012601	125	40	159	40	105 x 85	80 x 60	9	300
L-HO-PUZG-150-K-3 ID: 0012035	L-HO-PUZG-150-K-3-DSV ID: 0012036	B-HO-PUZG-150-K ID: 0012602	150	40	185	41	140 x 110	105 x 80	11	400
L-HO-PUZG-150-K-3-B50 ID: 0012039	L-HO-PUZG-150-K-3-DSV-B50 ID: 0012040	B-HO-PUZG-150-K-B50 ID: 0012605	150	50	185	53	140 x 110	105 x 80	11	550
L-HO-PUZG-150-K-3-B60 ID: 0012037	L-HO-PUZG-150-K-3-DSV-B60 ID: 0012038	B-HO-PUZG-150-K-B60 ID: 0012604	150	60	214	50	175 x 140	140 x 105	15	800
L-HO-PUZG-175-K-3 ID: 0012041	L-HO-PUZG-175-K-3-DSV ID: 0012042	B-HO-PUZG-175-K ID: 0012606	175	40	214	53	140 x 110	105 x 80	11	600
L-HO-PUZG-200-K-3 ID: 0028527	L-HO-PUZG-200-K-3-DSV ID: 0028528	B-HO-PUZG-200-K ID: 0028529	200	50	245	64	140 x 110	105 x 80	11	1,000
L-HO-PUZG-200-K-3-B60 ID: 0012045	L-HO-PUZG-200-K-3-DSV-B60 ID: 0012046	B-HO-PUZG-200-K-B60 ID: 0012608	200	60	264	45	175 x 145	140 x 105	15	1,200
L-HO-PUZG-250-K-3 ID: 0012047	L-HO-PUZG-250-K-3-DSV ID: 0012048	B-HO-PUZG-250-K ID: 0012609	250	50	310	63	200 x 160	160 x 120	15	1,200

Matching accessories can be found on page 432

polyurethane // heavy housing HO // up to 4,500 kg



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-HO-PUZG-250-K-3-B60 ID: 0012049	L-HO-PUZG-250-K-3-DSV-B60 ID: 0012050	B-HO-PUZG-250-K-B60 ID: 0012610	250	60	310	63	200 x 160	160 x 120	15	1,500
L-HO-PUZG-250-K-3 ID: 0012051		B-HO-PUZG-250-K-B100 ID: 0012623	250	100	317	67	200 x 160	160 x 120	15	2,200
L-HO-PUZG-300-K-3 ID: 0012052	L-HO-PUZG-300-K-3-DSV ID: 0012053	B-HO-PUZG-300-K ID: 0012624	300	70	346	70	200 x 160	160 x 120	15	1,800
L-HO-PUZG-300-K-3-B100 ID: 0012054		B-HO-PUZG-300-K-B100 ID: 0012625	300	100	380	80	200 x 160	160 x 120	17	2,800
L-HO-PUZG-350-K-3 ID: 0012056		B-HO-PUZG-350-K ID: 0012627	350	100	430	80	250 x 200	210 x 160	19	3,000
L-HO-PUZG-400-K-3 ID: 0012058		B-HO-PUZG-400-K ID: 0012629	400	100	490	92	250 x 200	210 x 160	19	3.500
L-HO-PUZG-500-K-3 ID: 0012060		B-HO-PUZG-500-K ID: 0012631	500	100	600	95	250 x 200	210 x 160	19	4,500

Matching accessories can be found on page 432



Features:

- EPUA wheel series:
- die-cast aluminum wheel body with ball bearing
- tread surface made of molded polyurethane, 78° shore A

Properties:

- high load capacity
- low rolling resistance
- non-marking, runs quietly
- sturdy and shock-resistant
- absorbs vibration
- (old designation: EPA)

floors



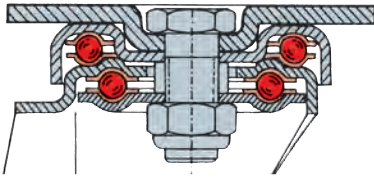
"Moves heavy weights elastically"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EPUA-100-30-40-K12 Ident No.: 0016059	100	30	12	40	200
EPUA-125-40-40-K15 Ident No.: 0016060	125	40	15	40	300
EPUA-160-50-60-K20 Ident No.: 0016063	160	50	20	60	500
EPUA-200-50-60-K20 Ident No.: 0016065	200	50	20	60	700
EPUA-250-50-60-K20 Ident No.: 0037935	250	50	20	60	900

Suitable castors can be found on pages 213, 214

Matching accessories can be found on page 432

elastic polyurethane // heavy housing IH // up to 700 kg



Features:

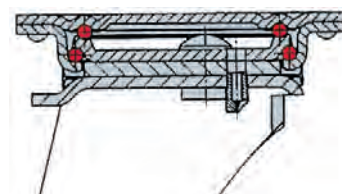
- castor series IH:
- heavy steel plate housing, galvanized
- fork head with double ball bearing and hardened bearing shells
- extra resistant to shock and impact
- (old designation: LM)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IH-EPUA-100-K-3 ID: 0018960	L-IH-EPUA-100-K-3-DSV ID: 0018961	B-IH-EPUA-100-K ID: 0015320	100	30	135	36	100 x 80	80 x 60	8.5	200
L-IH-EPUA-125-K-3 ID: 0018962	L-IH-EPUA-125-K-3-DSV ID: 0018963	B-IH-EPUA-125-K ID: 0015321	125	40	170	45	135 x 110	105 x 80	12.5	300
L-IH-EPUA-160-K-3 ID: 0018964	L-IH-EPUA-160-K-3-DSV ID: 0018965	B-IH-EPUA-160-K ID: 0015322	160	50	205	45	135 x 110	105 x 80	12.5	500
L-IH-EPUA-200-K-3 ID: 0018966	L-IH-EPUA-200-K-3-DSV ID: 0018967	B-IH-EPUA-200-K ID: 0015323	200	50	245	57	135 x 110	105 x 80	12.5	700

Matching accessories can be found on page 432

elastic polyurethane // heavy housing IG // up to 900 kg



Features:

- castor series IG:
- reinforced steel plate housing, galvanized
- fork head with double ball bearing and hardened bearing shells with seal
- can be lubricated
- fork head without center pin
- (old designation: LV)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IG-EPUA-100-K-3 ID: 0040382	L-IG-EPUA-100-K-3-DSV ID: 0040387	B-IG-EPUA-100-K ID: 0040392	100	30	127	40	105 x 80	80 x 60	9	200
L-IG-EPUA-125-K-3 ID: 0040383	L-IG-EPUA-125-K-3-DSV ID: 0040388	B-IG-EPUA-125-K ID: 0040393	125	40	178	50	135 x 110	105 x 75	11	300
L-IG-EPUA-160-K-3 ID: 0040384	L-IG-EPUA-160-K-3-DSV ID: 0040389	B-IG-EPUA-160-K ID: 0040394	160	50	215	53	135 x 110	105 x 75	11	500
L-IG-EPUA-200-K-3 ID: 0040385	L-IG-EPUA-200-K-3-DSV ID: 0040390	B-IG-EPUA-200-K ID: 0040395	200	50	245	65	135 x 110	105 x 75	11	700
L-IG-EPUA-250-K-3 ID: 0040386	L-IG-EPUA-250-K-3-DSV ID: 0040391	B-IG-EPUA-250-K ID: 0040396	250	50	297	67	135 x 110	105 x 75	11	900



with disc brake

Matching accessories can be found on page 432

wheels // PAM-ball bearing



Features:

- PAM wheel series:
- polyamide 6 wheel body with ball bearing
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: POKS)

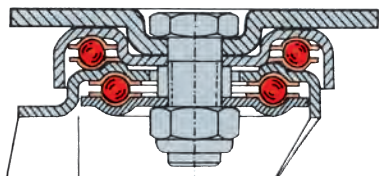
floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAM-080-35-40-K12 Ident No.: 0015402	80	35	12	40	200
PAM-100-35-40-K12 Ident No.: 0015403	100	35	12	40	300
PAM-125-40-50-K15 Ident No.: 0015404	125	40	15	50	400
PAM-150-45-60-K20 Ident No.: 0015405	150	45	20	60	700
PAM-160-45-60-K20 Ident No.: 0015406	160	45	20	60	700
PAM-200-50-60-K20 Ident No.: 0015407	200	50	20	60	1,000
PAM-250-60-75-K25 Ident No.: 0016979	250	60	25	75	1,300

Suitable castors can be found on pages 217, 219

Matching accessories can be found on page 432



Features:

- castor series IH:
- heavy steel plate housing, galvanized
- fork head with double ball bearing and hardened bearing shells
- extra resistant to shock and impact
- (old designation: LM)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IH-PAM-080-K-3 ID: 0018947	L-IH-PAM-080-K-3-DSV ID: 0018948	B-IH-PAM-080-K ID: 0015288	80	35	117	36	100 x 80	80 x 60	8.5	200
L-IH-PAM-100-K-3 ID: 0018949	L-IH-PAM-100-K-3-DSV ID: 0018951	B-IH-PAM-100-K ID: 0015289	100	35	135	36	100 x 80	80 x 60	8.5	300
L-IH-PAM-125-K-3 ID: 0018952	L-IH-PAM-125-K-3-DSV ID: 0018953	B-IH-PAM-125-K-3 ID: 0015290	125	40	170	45	135 x 110	105 x 80	12.5	500
L-IH-PAM-150-K-3 ID: 0018954	L-IH-PAM-150-K-3-DSV ID: 0018955	B-IH-PAM-150-K-3 ID: 0015317	150	45	200	45	135 x 110	105 x 80	12.5	700
L-IH-PAM-200-K-3 ID: 0018956	L-IH-PAM-200-K-3-DSV ID: 0018957	B-IH-PAM-200-K-3 ID: 0015318	200	50	245	57	135 x 110	105 x 80	12.5	1,000
L-IH-PAM-250-K-3 ID: 0018958	L-IH-PAM-250-K-3-DSV ID: 0018959	B-IH-PAM-250-K-3 ID: 0015319	250	60	300	60	135 x 110	105 x 80	12.5	1,250



foot protection



Features:

- castor series with foot protection:
- made of black rubber: material thickness: 8 – 10 mm
- reacts flexibly and resiliently to obstacles
- available for different types of rollers

Concerning the safety of your workers:

Foot injuries are painful and lost-lasting.
Use the appropriate safety equipment and measures
for protecting the health and safety of your workers.

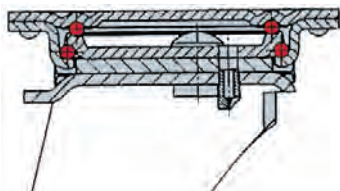
Note:

Offers available on request. The foot protection
is manufactured depending on the particular order.



swivel castors	
L-IG-PPH-200-K-3-BH240-FU-RIFIX Ident No.: 0081957	

						
wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	load-carrying capacity kg
200	50	245	65	135 x 110	105 x 75	550



Features:

- castor series IG:
- reinforced steel plate housing, galvanized
- fork head with double ball bearing and hardened bearing shells with seal
- can be lubricated
- fork head without center pin
- (old designation: LV)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IG-PAM-100-K-3 ID: 0014546	L-IG-PAM-100-K-3-DSV ID: 0014547	B-IG-PAM-100-K ID: 0014581	100	35	127	40	105 x 85	80 x 60	8.5	350
L-IG-PAM-125-K-3 ID: 0014550	L-IG-PAM-125-K-3-DSV ID: 0014558	B-IG-PAM-125-K ID: 0014583	125	40	178	50	135 x 110	105 x 75	11	450
L-IG-PAM-150-K-3 ID: 0014563	L-IG-PAM-150-K-3-DSV ID: 0014564	B-IG-PAM-150-K ID: 0014586	150	45	210	53	135 x 110	105 x 75	11	650
L-IG-PAM-160-K-3 ID: 0034889	L-IG-PAM-160-K-3-DSV ID: 0034890	B-IG-PAM-160-K ID: 0034891	160	45	215	55	135 x 110	105 x 75	11	900
L-IG-PAM-200-K-3 ID: 0014569	L-IG-PAM-200-K-3-DSV ID: 0014570	B-IG-PAM-200-K ID: 0014589	200	50	245	65	135 x 110	105 x 75	11	1,000
L-IG-PAM-250-K-3 ID: 0014575	L-IG-PAM-250-K-3DSV ID: 0014576	B-IG-PAM-250-K ID: 0034341	250	60	297	67	135 x 110	105 x 75	11	1,000



3-DS-P (mounting plate + double brake)



3-DSN (plate + double brake)



Features:

- GGG wheel series:
- made of special grey cast iron with plain bearing
- cleanly cast, de-burred and painted

Properties:

- high load capacity
- durable
- extremely temperature resistant
- high elongation at breakage
- low rolling resistance
- excellent chemical resistance
- (old designation: 101-plain bearing)

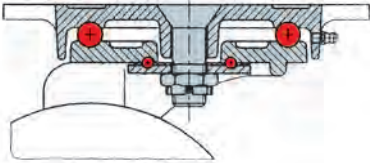
floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
GGG-065-30-34-G07-blue Ident No.: 0010063	65	30	7	34	150
GGG-080-35-39-G10-blue Ident No.: 0010065	80	35	10	39	250
GGG-100-35-44-G12-blue Ident No.: 0010069	100	35	12	44	350
GGG-125-35-49-G12-blue Ident No.: 0010074	125	35	12	49	450
GGG-150-50-58-G15-blue Ident No.: 0010081	150	50	15	58	650
GGG-160-50-58-G15-blue Ident No.: 0010084	160	50	15	58	700
GGG-200-50-58-G20-blue Ident No.: 0010086	200	50	20	58	1,000
GGG-250-60-65-G25-blue Ident No.: 0010091	250	60	25	65	1,250

Matching accessories can be found on page 432

cast iron // malleable cast castors CI // up to 1,250 kg



Features:

- castor series CI:
- made of high-quality malleable cast iron, painted
- heat resistant: up to +180° C
- fork head with double ball bearing
- very tough and excellent resistance to fracturing
- housing can be lubricated
- (old designation: series 1 and 3)



swivel castors	fixed castors								
		wheel ø mm	wheel width mm	height mm	projection, swivel ca- stor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-CI-GGG-080-G-3 ID: 0010017	B-CI-GGG-080-G ID: 0011585	80	35	110	30	115 x 80	90 x 55	8	250
L-CI-GGG-100-G-3 ID: 0010018	B-CI-GGG-100-G ID: 0011587	100	35	135	35	145 x 100	115 x 70	10	350
L-CI-GGG-125-G-3 ID: 0010019	B-CI-GGG-125-G ID: 0011588	125	35	162	40	155 x 105	125 x 75	10	450
L-CI-GGG-150-G-3 ID: 0010020	B-CI-GGG-150-G ID: 0011590	150	50	200	50	175 x 125	145 x 95	10	650
L-CI-GGG-200-G-3 ID: 0010022	B-CI-GGG-200-G ID: 0011591	200	50	260	60	225 x 145	184 x 104	14	1,000
L-CI-GGG-250-G-3 ID: 0010024	B-CI-GGG-250-G ID: 0011592	250	60	320	62	225 x 145	185 x 105	14	1,250

Matching accessories can be found on page 432



Features:

- GGK wheel series:
- made of special grey cast iron with ball bearing
- cleanly cast, de-burred and painted

Properties:

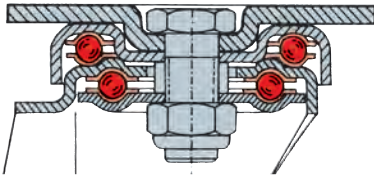
- high load capacity
- durable
- extremely temperature resistant
- high elongation at breakage
- low rolling resistance
- excellent chemical resistance
- (old designation: 101-ball bearing)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
GGK-100-30-30-K15 Ident No.: 0010071	100	30	15	30	300
GGK-125-32-32-K15 Ident No.: 0010075	125	32	15	32	400
GGK-150-45-60-K20 Ident No.: 0039225	150	45	20	60	600
GGK-200-45-60-K25 Ident No.: 0039226	200	45	25	60	1,000
GGK-250-60-67-K25 Ident No.: 0032850	250	60	25	67	1,250

cast iron // heavy housing IH **//** up to 1,000 kg



Features:

- castor series IH:
- heavy steel plate housing, galvanized
- fork head with double ball bearing and hardened bearing shells
- extra resistant to shock and impact
- (old designation: LM)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IH-GGK-100-K-3 ID: 0018934	L-IH-GGK-100-K-3-DSV ID: 0018935	B-IH-GGK-100-K ID: 0015283	100	30	135	36	100 x 80	80 x 60	8.5	300
L-IH-GGK-125-K-3 ID: 0018937	L-IH-GGK-125-K-3-DSV ID: 0018938	B-IH-GGK-125-K ID: 0015285	125	32	170	45	135 x 110	105 x 80	12.5	400
L-IH-GGK-150-K-3 ID: 0018939	L-IH-GGK-150-K-3-DSV ID: 0018940	B-IH-GGK-150-K ID: 0015286	150	38	200	45	135 x 110	105 x 80	12.5	600
L-IH-GGK-200-K-3 ID: 0039898	L-IH-GGK-200-K-3-DSV ID: 0039899	B-IH-GGK-200-K ID: 0039900	200	48	245	57	135 x 110	105 x 80	12.5	1,000



with foot protection

Matching accessories can be found on page 432

HEAVY-DUTY CASTORS UP TO 10,000 KG



SERIES	heavy-duty castors super-elastic solid rubber	heavy-duty castors polyurethane	heavy-duty castors elastic- polyurethane	heavy-duty castors polyamide	heavy-duty castors steel	heavy-duty double-castors polyurethane	
LOAD-CARRYING CAPACITY	up to 950 kg	up to 2,100 kg	up to 1,250 kg	up to 2,000 kg	up to 1,500 kg	up to 4,000 kg	
WHEEL-Ø	250 mm - 405 mm	70 mm - 300 mm	100 mm - 300 mm	82 mm - 300 mm	75 mm - 200 mm	125 mm - 300 mm	
MATERIAL/ TIRES	super-elastic-rubber	polyurethane	elastic-polyurethane	polyamide	steel	polyurethane	
BEARING	ball bearing	ball bearing	ball bearing	ball bearing	ball bearing	ball bearing	
PAGES	228	230	234	236	240	242	



	heavy-duty double-castors polyamide	heavy-duty castors cast polyamide	heavy-duty castors all-steel
	up to 4,000 kg	up to 5,000 kg	up to 10,000 kg
	125 mm - 300 mm	80 mm - 250 mm	100 mm - 250 mm
	polyamide	cast polyamide	steel
	ball bearing	ball bearing	ball bearing
	244	246	248



“Trust in our strength”



castors with very robust welded steel housing, up to 10,000 kg // profile

Castors with very robust welded steel housing up to 10,000 kg

The strongest Torwegge housing series consist of a welded steel construction for maximum dynamic stresses. The swivel castor housings are equipped with sealed axial rib ball bearing an tapered roller bearing and thus particularly sensitive against surges and beats. The housing head is screwed and secured by a heavy center bolt.

Housing description

- 🔧 version with mounting plate
- 🔧 double brake for the pre-run
- 🔧 housing surface galvanized or painted depending on the series
- 🔧 a directional brake is possible
- 🔧 low maintenance: lubricated with long-life grease, can be re-lubricated
- 🔧 can be retrofitted with foot protection

Temperature range

approx. -25° C up to + 90° C

areas of use // floors



wheels // super-elastic SE



Features:

- super-elastic SE wheel series:
- super-elastic tires on steel rim
- 3-component tires consisting of tire bead, intermediate pad and tread

Properties:

- runs quietly
- durable
- impact-resistant
- absorbs vibration

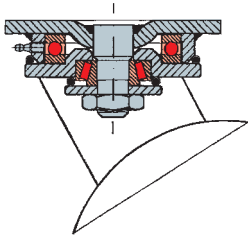
floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
SEV-3.00-4-75-K25 Ident No.: 0032416	250	80	25	75	260
SEV-3.00-4-100-K25 Ident No.: 0031749	250	80	25	100	260
SEV-4.00-8-90-K25 Ident No.: 0032445	405	105	25	90	950
SEV-4.00-8-90-K30 Ident No.: 0034781	405	105	30	90	950

Matching accessories can be found on page 432

elastic rubber // heavy-duty series HL // up to 520 kg



Features:

- castor series HB:
- heavy welded steel construction, galvanized
- fork head with axial rib
ball bearing and tapered roller bearing, can be lubricated
- center pin screwed and secured
- (old designation: LP)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
	L-IP-SEV-3.00-4-K-DSV ID: 0035816	B-IP-SEV-3.00-4-K ID: 0035859	250	85	305	70	175 x 175	140 x 140	15	260
L-HB-SEV-3.00-4-K-3 ID: 0034766	LH-SEV-3.00-4-K-DSV ID: 0040754	B-HB-SEV-3.00-4-K ID: 0035509	250	85	305	70	175 x 140	140 x 105	15	260
L-HD-SEV-3.00-4-K-3 ID: 0037085			250	85	305	70	175 x 140	140 x 105	15	520



swivel castor 0037085
with two wheels



Matching accessories can be found on page 432



Features:

- PUZG wheel series:
- wheel body made of special grey cast iron with ball bearing
- tread made of molded polyurethane, approx. 95° shore A

Properties:

- high load capacity
- low abrasion, non-marking, shock-resistant
- low rolling resistance
- excellent chemical resistance
- resistant to oil and grease
- resistant to cutting by metal chips
- (old designation: series 4)

floors

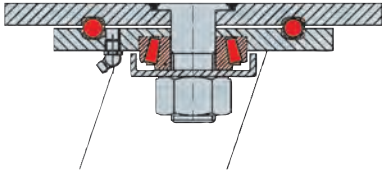


wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUHS-070-70-K20 Ident No.: 0035600	70	70	20	70	470
PUZG-080-36-36-K15 Ident No.: 0011972	80	36	15	36	250
PUHS-085-70-K20 Ident No.: 0012395	85	70	20	70	550
PUZG-100-40-47-K15 Ident No.: 0011979	100	40	15	47	350
PUZG-100-50-60-K20 Ident No.: 0015910	100	50	20	60	450
PUZG-125-40-47-K15 Ident No.: 0011983	125	40	15	47	350
PUZG-125-50-60-K20 Ident No.: 0038444	125	50	20	60	550
PUZG-150-50-60-K20 Ident No.: 0039227	150	50	20	60	700
PUZG-200-50-60-K25 Ident No.: 0037762	200	50	25	60	1,000
PUZG-200-80-80-K35 Ident No.: 0011997	200	80	35	80	1,500
PUZG-250-50-60-K25 Ident No.: 0038445	250	50	25	60	1,200
PUZG-250-80-80-K35 Ident No.: 0039230	250	80	35	80	1,800
PUZG-300-80-80-K30 Ident No.: 0012995	300	80	30	80	2,200

Suitable castors can be found on pages 231, 232, 243

Matching accessories can be found on page 432

polyurethane // heavy-duty series HB // up to 350 kg



Features:

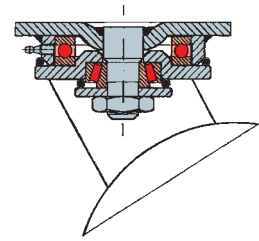
- castor series HB:
- heavy welded steel construction, galvanized
- fork head with hardened bearing shells and tapered roller bearing, can be lubricated
- center pin screwed and secured
- (old designation: LP)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-HL-PUZG-080-K-3 ID: 0017941	L-HL-PUZG-080-K-3-DSV ID: 0017944	B-HL-PUZG-080-K ID: 0017947	80	36	125	30	105 x 80	80 x 60	9	250
L-HL-PUZG-100-K-3 ID: 0017942	L-HL-PUZG-100-K-3-DSV ID: 0017945	B-HL-PUZG-100-K ID: 0017948	100	40	135	30	105 x 80	80 x 60	9	300
L-HL-PUZG-125-K-3 ID: 0017943	L-HL-PUZG-125-K-3-DSV ID: 0017946	B-HL-PUZG-125-K ID: 0017949	125	40	160	32	105 x 80	80 x 60	9	350

Matching accessories can be found on page 432

polyurethane // heavy-duty series HB // up to 2,100 kg



Features:

- castor series HL and HB:
- heavy welded steel construction, galvanized
- fork head with hardened bearing shells and tapered roller bearing, can be lubricated
- center pin screwed and secured
- (old designation: LP)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-HN-PUHS-070-K-3 ID: 0012675		B-HN-PUHS-070-K ID: 0012666	70	70	127	60	135 x 110	105 x 80	13	470
L-HN-PUHS-085-K-3 ID: 0012680		B-HN-PUHS-085-K ID: 0012671	85	70	135	60	135 x 110	105 x 80	13	550
L-HB-PUZG-100-K-3 ID: 0010117	L-HB-PUZG-100-K-3-DSV ID: 0010124	B-HB-PUZG-100-K ID: 0010131	100	50	150	35	135 x 110	105 x 80	11	450
L-HB-PUZG-125-K-3 ID: 0010118	L-HB-PUZG-125-K-3-DSV ID: 0010125	B-HB-PUZG-125-K ID: 0010132	125	50	170	50	135 x 110	105 x 80	11	550
L-HB-PUZG-150-K-3 ID: 0010119	L-HB-PUZG-150-K-3-DSV ID: 0010126	B-HB-PUZG-150-K ID: 0010133	150	50	200	55	135 x 110	105 x 80	11	700
L-HB-PUZG-200-K-3 ID: 0010120	L-HB-PUZG-200-K-3-DSV ID: 0010127	B-HB-PUZG-200-K ID: 0010134	200	50	245	60	135 x 110	105 x 80	11	1,000
L-HB-PUZG-200-K-3-B80 ID: 0039427	L-HB-PUZG-200-K-3-DSV-B80 ID: 0015925	B-HB-PUZG-200-K-B80 ID: 0038136	200	80	255	70	175 x 140	140 x 105	15	1,500
L-HB-PUZG-250-K-3 ID: 0010121	L-HB-PUZG-250-K-3-DSV ID: 0010128	B-HB-PUZG-250-K ID: 0010135	250	50	295	70	135 x 110	105 x 80	11	1,200
L-HB-PUZG-250-K-3-B60 ID: 0011396	L-HB-PUZG-250-K-3-DSV-B60 ID: 0017798	B-HB-PUZG-250-K-B60 ID: 0011397	250	60	305	70	175 x 140	140 x 105	15	1,400
L-HB-PUZG-250-K-3-B80 ID: 0010122	L-HB-PUZG-250-K-3-DSV-B80 ID: 0010129	B-HB-PUZG-250-K-B80 ID: 0010136	250	80	305	70	175 x 140	140 x 105	15	1,800
L-HB-PUZG-300-K-3 ID: 0010123	L-HB-PUZG-300-K-3-DSV ID: 0010130	B-HB-PUZG-250-K-B80 ID: 0010137	300	80	355	75	175 x 140	140 x 105	15	2,100

Matching accessories can be found on page 432

polyurethane // heavy-duty series HB // up to 2,100 kg



wheel ø 70
and ø 85 very low
height



***"Diameter 70 and 85 mm
as shown"***

Matching accessories can be found on page 432



Features:

- EPUG wheel series:
- wheel body made of special grey cast iron with ball bearing
- treads made of elastic polyurethane, approx. 78° shore A, with very strong polyurethane cushion

Properties:

- high load capacity
- low rolling resistance
- non-marking
- runs quietly
- sturdy, shock-resistant, vibration-damping
- (old designation: 7/...)

floors

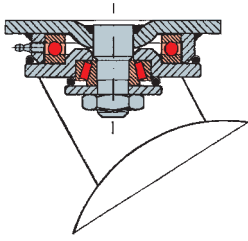


"Delivering outstanding travel comfort"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EPHS-082-70-K20 Ident No.: 0012423	82	70	20	70	700
EPHS-085-70-K20 Ident No.: 0012435	85	70	20	70	700
EPUG-100-40-50-K20 Ident No.: 0013796	100	40	20	50	300
EPUG-125-50-60-K20 Ident No.: 0013797	125	50	20	60	400
EPUG-150-50-60-K20 Ident No.: 0013799	150	50	20	60	450
EPUG-200-50-60-K25 Ident No.: 0013800	200	50	25	60	650
EPUG-250-50-60-K30 Ident No.: 0013801	250	50	30	60	800
EPUG-250-80-85-K30 Ident No.: 0010541	250	80	30	85	950
EPUG-300-75-75-K30 Ident No.: 0013803	300	75	30	75	1,250

Matching accessories can be found on page 432

elastic polyurethane // Heavy-duty series HB // up to 1,250 kg



Features:

- castor series HB:
- heavy welded steel construction, galvanized
- fork head with axial rib
ball bearing and tapered roller bearing, can be lubricated
- center pin screwed and secured
- (old designation: LP)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-HN-EPHS-082-K-3 ID: 0012676		B-HN-EPHS-082-K ID: 0012667	82	70	133	63	137 x 110	105 x 80	12.3	700
L-HN-EPHS-085-K-3 ID: 0012678		B-HN-EPHS-085-K ID: 0012669	85	70	135	63	137 x 110	105 x 80	12.3	700
L-HB-EPUG-100-K-3 ID: 0019252	L-HB-EPUG-100-K-3-DSV ID: 0019253	B-HB-EPUG-100-K ID: 0015359	100	40	150	35	135 x 110	105 x 80	11	300
L-HB-EPUG-125-K-3 ID: 0019254	L-HB-EPUG-125-K-3-DSV ID: 0019255	B-HB-EPUG-125-K ID: 0015360	125	50	170	50	135 x 110	105 x 80	11	400
L-HB-EPUG-150-K-3 ID: 0019256	L-HB-EPUG-150-K-3-DSV ID: 0019257	B-HB-EPUG-150-K ID: 0015361	150	50	200	55	135 x 110	105 x 80	11	500
L-HB-EPUG-200-K-3 ID: 0019258	L-HB-EPUG-200-K-3-DSV ID: 0019259	B-HB-EPUG-200-K ID: 0015362	200	50	245	60	135 x 110	105 x 80	11	650
L-HB-EPUG-250-K-3 ID: 0019260	L-HB-EPUG-250-K-3-DSV ID: 0019261	B-HB-EPUG-250-K ID: 0015363	250	50	295	70	135 x 110	105 x 80	11	800
L-HB-EPUG-250-K-3-B80 ID: 0019262	L-HB-EPUG-250-K-3-DSV ID: 0019263	B-HB-EPUG-250-K ID: 0015364	250	80	305	70	175 x 140	140 x 105	15	950
L-HB-EPUG-300-K-3 ID: 0019264	L-HB-EPUG-300-K-3-DSV ID: 0019265	B-HB-EPUG-300-K ID: 0015365	300	75	355	75	175 x 140	140 x 105	15	1,250

Matching accessories can be found on page 432

wheels // PAM and PAH ball bearing



Features:

- PAM and PAH wheel series:
- polyamide 6 wheel body with ball bearing
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: POKS and 820)

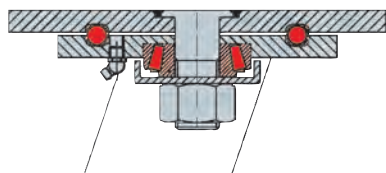
floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAHU-082-70-K20 Ident No.: 0012275	82	70	20	70	700
PAHU-085-80-K20 Ident No.: 0012336	85	80	20	80	850
PAM-080-35-40-K12 Ident No.: 0015402	80	35	12	40	200
PAM-100-35-40-K12 Ident No.: 0015403	100	35	12	40	300
PAH-100-40-48-K15 Ident No.: 0022598	100	40	15	48	500
PAM-125-40-50-K15 Ident No.: 0015404	125	40	15	50	400
PAH-125-50-60-K20 Ident No.: 0022626	125	50	20	60	800
PAH-150-50-60-K20 Ident No.: 0022637	150	50	20	60	900
PAH-200-50-60-K25 Ident No.: 0022657	200	50	25	60	1,300
PAH-250-50-60-K25 Ident No.: 0022672	250	50	25	60	1,500
PAH-250-58-75-K25 Ident No.: 0014394	250	58	25	75	1,700
PAH-300-60-70-K25 Ident No.: 0022677	300	60	25	70	2,000

Suitable castors can be found on pages 237, 238, 245

Matching accessories can be found on page 432



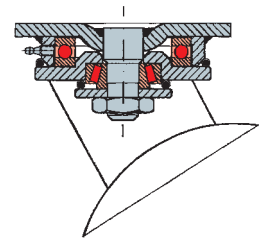
Features:

- castor series HL:
- heavy welded steel construction, galvanized
- fork head with hardened bearing shells and tapered roller bearing, can be lubricated
- center pin screwed and secured
- (old designation: LPL and BPL)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-HL-PAM-080-K-3 ID: 0017950	L-HL-PAM-080-K-3-DSV ID: 0017953	B-HL-PAM-080-K ID: 0026815	80	34	125	30	105 x 80	80 x 60	9	200
L-HL-PAM-100-K-3 ID: 0017951	L-HL-PAM-100-K-3-DSV ID: 0026813	B-HL-PAM-100-K ID: 0026816	100	34	135	30	105 x 80	80 x 60	9	300
L-HL-PAM-125-K-3 ID: 0017952	L-HL-PAM-125-K-3-DSV ID: 0026814	B-HL-PAM-125-K ID: 0026817	125	40	160	32	105 x 80	80 x 60	9	400

polyamide // heavy-duty series HB // up to 2,000 kg



Features:

- castor series HB:
- heavy welded steel construction, galvanized
- fork head with axial rib ball bearing and tapered roller bearing, can be lubricated
- center pin screwed and secured
- (old designation: LP)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-HN-PAHU-082-K-3 ID: 0012677		B-HN-PAHU-082-K ID: 0012668	82	70	133	60	135 x 110	105 x 80	13	700
L-HN-PAHU-085-K-3 ID: 0012679		B-HN-PAHU-085-K ID: 0012670	85	80	135	60	135 x 110	105 x 80	13	750
L-HB-PAH-100-K-3 ID: 0019291	L-HB-PAH-100-K-3-DSV ID: 0019292	B-HB-PAH-100-K ID: 0015378	100	40	150	35	135 x 110	105 x 80	11	400
L-HB-PAH-125-K-3 ID: 0019294	L-HB-PAH-125-K-3-DSV ID: 0019295	B-HB-PAH-125-K ID: 0015379	125	50	170	50	135 x 110	105 x 80	11	700
L-HB-PAH-150-K-3 ID: 0019296	L-HB-PAH-150-K-3-DSV ID: 0019297	B-HB-PAH-150-K ID: 0015380	150	50	200	55	135 x 110	105 x 80	11	800
L-HB-PAH-200-K-3 ID: 0019298	L-HB-PAH-200-K-3-DSV ID: 0019299	B-HB-PAH-200-K ID: 0015381	200	50	245	60	135 x 110	105 x 80	11	1,300
L-HB-PAH-250-K-3 ID: 0019300	L-HB-PAH-250-K-3-DSV ID: 0019301	B-HB-PAH-250-K ID: 0015382	250	50	295	70	135 x 110	105 x 80	11	1,500
L-HB-PAH-250-K-3-B58 ID: 0019302	L-HB-PAH-250-K-3-DSV-B58 ID: 0019303	B-HB-PAH-250-K-B58 ID: 0015383	250	58	305	70	175 x 140	140 x 105	15	1,700
L-HB-PAH-300-K-3 ID: 0019304	L-HB-PAH-300-K-3-DSV ID: 0019305	B-HB-PAH-300-K ID: 0015384	300	60	355	75	175 x 140	140 x 105	15	2,000

Matching accessories can be found on page 432

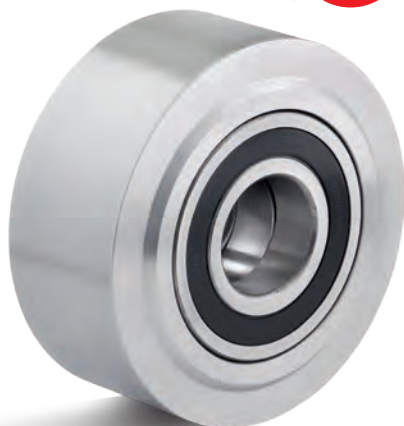
polyamide // heavy-duty series HB // up to 2,000 kg



wheel ø 70
and ø 85 very low
height



wheel ø 70
and ø 85 very low
height



Features:

- STS wheel series:
- all-steel wheels with ball bearings
- surface lightly oiled

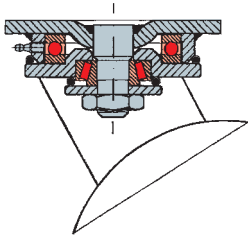
Properties:

- very high static and dynamic load-carrying capacity
- runs well on smooth floor surfaces
- very high abrasion resistance
- very low rolling resistance
- electrically conductive
- (old designation: 6)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
STS-075-35-35-K15 Ident No.: 0036626	75	35	15	35	600
STS-100-50-50-K15 Ident No.: 0012639	100	50	15	50	1,200
STS-130-60-60-K20 Ident No.: 0012641	130	60	20	60	1,300
STS-150-60-60-K20 Ident No.: 0012643	150	60	20	60	2,500
STS-200-60-60-K20 Ident No.: 0012646	200	60	20	60	1,300
STS-200-80-90-K20 Ident No.: 0039864	200	80	20	90	1,300



Features:

- castor series HB:
- heavy welded steel construction, galvanized
- fork head with axial rib
ball bearing and tapered roller bearing, can be lubricated
- center pin screwed and secured
- (old designation: LP)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-HB-ST5-075-K-3 ID: 0019267		B-HB-ST5-075-K ID: 0015366	75	50	133	45	135 x 110	105 x 80	11	400
L-HB-ST5-100-K-3 ID: 0019268	L-HB-ST5-100-K-3-DSV ID: 0040568	B-HB-ST5-100-K ID: 0015367	100	50	150	45	135 x 110	105 x 80	11	400
L-HB-ST5-130-K-3 ID: 0019269	L-HB-ST5-130-K-3-DSV ID: 0019270	B-HB-ST5-130-K ID: 0015368	130	60	172	50	135 x 110	105 x 80	11	800
L-HB-ST5-150-K-3 ID: 0019271	L-HB-ST5-150-K-3-DSV ID: 0019272	B-HB-ST5-150-K ID: 0015369	150	60	200	55	135 x 110	105 x 80	11	800
L-HB-ST5-200-K-3 ID: 0019273	L-HB-ST5-200-K-3-DSV ID: 0019274	B-HB-ST5-200-K ID: 0015370	200	60	245	60	135 x 110	105 x 80	11	1,300
L-HB-ST5-200-K-3-B80 ID: 0040569	L-HB-ST5-200-K-3-DSV-B80 ID: 0039867	B-HB-ST5-200-K-B80 ID: 0039868	200	80	255	77	175 x 140	140 x 105	15	1,300



Features:

- PUZG wheel series:
- wheel body made of special grey cast iron with ball bearing
- tread made of molded polyurethane, approx. 95° shore A

Properties:

- high load capacity
- low abrasion, non-marking, shock-resistant
- low rolling resistance
- excellent chemical resistance
- resistant to oil and grease
- resistant to cutting by metal chips
- (old designation: Series 4)

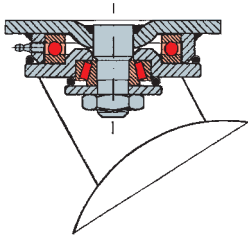
floors



wheels

	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUZG-125-35-47-K15 Ident No.: 0011980	125	35	15	47	300
PUZG-150-40-40-K20 Ident No.: 0011986	150	40	20	40	700
PUZG-200-50-60-K25 Ident No.: 0037762	200	50	25	60	1,000
PUZG-250-60-60-K25 Ident No.: 0039228	250	60	25	60	1,400
PUZG-300-70-70-K30 Ident No.: 0012019	300	70	30	70	2,200

polyurethane // heavy-duty double castors HD // up to 4,000 kg



Features:

- castor series HD:
- heavy welded steel construction, painted black
- fork head with sealed axial rib ball bearing
- and partially tapered roller bearing, can be lubricated
- (old designation: DLR)



swivel castors	fixed castors								
		wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-HD-PUZG-125-K-3 ID: 0015670	B-HD-PUZG-125-K ID: 0015634	125	35	177	50	175 x 140	140 x 105	13	500
L-HD-PUZG-150-K-3 ID: 0015680	B-HD-PUZG-150-K ID: 0015653	150	40	210	60	170 x 170	130 x 130	13	1,000
L-HD-PUZG-200-K-3 ID: 0015681	B-HD-PUZG-200-K ID: 0015654	200	50	270	70	200 x 200	160 x 160	17	2,200
L-HD-PUZG-250-K-3 ID: 0015682	B-HD-PUZG-250-K ID: 0015655	250	60	320	80	230 x 230	190 x 190	19	2,800
L-HD-PUZG-300-K-3 ID: 0015684	B-HD-PUZG-300-K ID: 0015656	300	70	375	85	230 x 230	190 x 190	19	4,000

Matching accessories can be found on page 432

wheels // PAH ball bearing



Features:

- PAH ball bearing wheel series:
- made of polyamide 6 with ball bearing
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: PO)

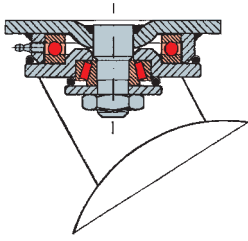
floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAH-150-40-40-K20 Ident No.: 0034852	150	40	20	40	700
PAH-200-50-60-K25 Ident No.: 0022657	200	50	25	60	1,300
PAH-250-58-75-K25 Ident No.: 0014394	250	58	25	75	1,700
PAH-300-60-70-K25 Ident No.: 0022677	300	60	25	70	2,000

Matching accessories can be found on page 432

polyamide // heavy-duty double castors HD // up to 4,000 kg



Features:

- castor series HD:
- heavy welded steel construction, painted black
- fork head with sealed axial rib ball bearing
- and partially tapered roller bearing, can be lubricated
- (old designation: DLR)



swivel castors	fixed castors								
		wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-HD-PAH-125-K-3 ID: 0015675	B-HD-PAH-125-K ID: 0015639	125	35	177	50	170 x 140	140 x 105	13	500
L-HD-PAH-150-K-3 ID: 0015676	B-HD-PAH-150-K ID: 0015640	150	40	210	60	170 x 170	130 x 130	13	1,000
L-HD-PAH-200-K-3 ID: 0015677	B-HD-PAH-200-K ID: 0015650	200	50	270	70	200 x 200	160 x 160	17	2,200
L-HD-PAH-250-K-3 ID: 0015678	B-HD-PAH-250-K ID: 0015651	250	60	350	80	230 x 230	190 x 190	19	2,800
L-HD-PAH-300-K-3 ID: 0015679	B-HD-PAH-300-K ID: 0015652	300	60	375	85	230 x 230	190 x 190	19	4,000

Matching accessories can be found on page 432



high load
capacity

Features:

- GPA wheel series:
- made of tough, highly compressed cast polyamide with ball bearing

Properties:

- high load capacity
- low rolling resistance, durable and abrasion resistant
- excellent chemical resistance
- resistant to impacts and shock
- odorless, taste-free, hygienic
- long service life, resistant to deformation
- (old designation: GPOS)

floors

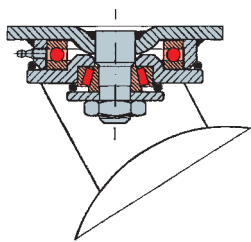


"Trust in our strength – for heavy loads and high value"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
GPA-080-40-45-K20 Ident No.: 0028330	80	40	20	45	1,000
GPA-100-40-45-K25 Ident No.: 0028331	100	40	25	45	1,250
GPA-125-55-60-K25 Ident No.: 0028332	125	55	25	60	2,000
GPA-150-55-60-K30 Ident No.: 0028333	150	55	30	60	2,500
GPA-200-55-60-K35 Ident No.: 0028334	200	55	35	60	3,000
GPA-200-80-90-K45 Ident No.: 0028335	200	80	45	90	4,500
GPA-250-65-75-K45 Ident No.: 0028336	250	65	45	75	5,000

Matching accessories can be found on page 432

PA 6-G // super heavy-duty housing HS // up to 5,000 kg



Features:

- castor series HS:
- very sturdy welded steel construction
- protected against dust and splashed water
- can be lubricated, bolted and secured with sturdy center pin
- wheel axle is screwed on
- housings up to wheel diameter of 150 mm are galvanized; wheel diameters above 200 mm are painted black
- (old designation: LPSX)

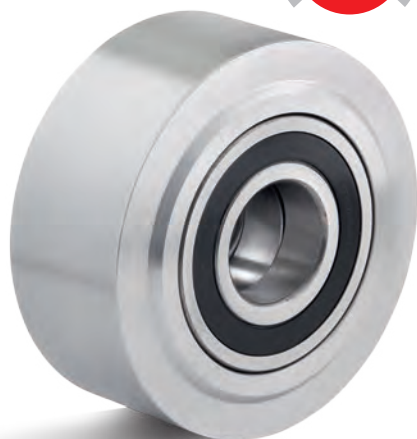


swivel castors	fixed castors	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 plate size mm	 hole spacing mm	 hole ø mm	 load- carrying capacity kg
L-HS-GPA-080-K-3 ID: 0028578	B-HS-GPA-080-K ID: 0028585	80	40	125	45	135 x 110	105 x 80	11	1,000
L-HS-GPA-100-K-3 ID: 0028579	B-HS-GPA-100-K ID: 0028586	100	40	145	50	135 x 110	105 x 80	11	1,250
L-HS-GPA-125-K-3 ID: 0028580	B-HS-GPA-125-K ID: 0028587	125	55	170	50	135 x 110	105 x 80	11	1,750
L-HS-GPA-150-K-3 ID: 0028581	B-HS-GPA-150-K ID: 0028588	150	55	205	65	175 x 140	140 x 105	14	2,500
L-HS-GPA-200-K-3 ID: 0028582	B-HS-GPA-200-K ID: 0028589	200	55	255	65	175 x 140	140 x 105	14	3,000
L-HS-GPA-200-K-3-B80 ID: 0028583	B-HS-GPA-200-K-B80 ID: 0028639	200	80	280	75	255 x 200	210 x 160	18	4,500
L-HS-GPA-250-K-3 ID: 0028584	B-HS-GPA-250-K ID: 0028590	250	65	380	110	400 x 300	340 x 240	26	5,000



with wheel brake

Matching accessories can be found on page 432



high load capacity

Features:

- STS wheel series:
- all-steel wheels with ball bearings
- surface lightly oiled

Properties:

- very high static and dynamic load-carrying capacity
- runs well on smooth floor surfaces
- very high abrasion resistance
- very low rolling resistance
- electrically conductive
- (old designation: 6)

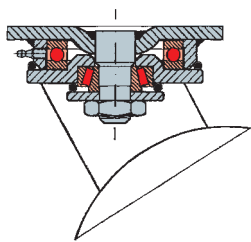
floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
STS-100-40-45-K25 Ident No.: 0028591	100	40	25	45	1,700
STS-125-55-60-K30 Ident No.: 0028592	125	55	30	60	2,750
STS-150-55-60-K45 Ident No.: 0028593	150	55	45	60	4,000
STS-200-55-60-K50 Ident No.: 0028594	200	55	50	60	6,000
STS-200-80-90-K60 Ident No.: 0028595	200	80	60	90	6,000
STS-250-65-75-K70 Ident No.: 0028596	250	65	70	75	10,000

Matching accessories can be found on page 432

steel // super heavy-duty housing HS // up to 10,000 kg



Features:

- castor series HS:
- very sturdy welded steel construction
- protected against dust and splashed water
- can be lubricated, bolted and secured with sturdy center pin
- wheel axle is screwed on
- housings up to wheel diameter of 150 mm are galvanized; wheel diameters above 200 mm are painted black
- (old designation: LPSX)



swivel castors	fixed castors	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 plate size mm	 hole spacing mm	 hole ø mm	 load- carrying capacity kg
L-HS-ST5-100-K-3 ID: 0028597	B-HS-ST5-100-K ID: 0028603	100	40	145	50	135 x 110	105 x 80	11	1,700
L-HS-ST5-125-K-3 ID: 0028598	B-HS-ST5-125-K ID: 0028604	125	55	170	50	135 x 110	105 x 80	11	1,750
L-HS-ST5-150-K-3 ID: 0028599	B-HS-ST5-150-K ID: 0028605	150	55	205	65	175 x 140	140 x 105	14	3,000
L-HS-ST5-200-K-3 ID: 0028600	B-HS-ST5-200-K ID: 0028606	200	55	255	65	175 x 140	140 x 105	14	3,000
L-HS-ST5-200-K-3-B80 ID: 0028601	B-HS-ST5-200-K-B80 ID: 0028607	200	80	280	75	255 x 200	210 x 160	18	6,000
L-HS-ST5-250-K-3 ID: 0028602	B-HS-ST5-250-K ID: 0028608	250	65	380	110	400 x 300	340 x 240	26	10,000

Matching accessories can be found on page 432

LIGHTWEIGHT STAINLESS STEEL CASTORS



SERIES	apparatus castors	industrial castors thermoplastic	industrial castors polyurethane	industrial castors elastic polyurethane	industrial castors polypropylene	industrial castors polyamide
LOAD-CARRYING CAPACITY	up to 80 kg	up to 220 kg	up to 270 kg	up to 130 kg	up to 270 kg	up to 270 kg
WHEEL-Ø	50 mm – 100 mm	80 mm – 200 mm	80 mm – 200 mm	80 mm – 125 mm	80 mm – 200 mm	80 mm – 200 mm
MATERIAL/TIRES	polyamide, thermoplastic	thermoplastic	polyurethane	elastic-polyurethane	polypropylene	polyamide
BEARING	plain bearing, ball bearing	ball bearing	plain bearing, ball bearing	ball bearing	ball bearing	plain bearing
PAGES	262	268	271	274	277	280



Stainless steel for high-quality applications

Stainless steel has a high resistance to oxidizing material so that it is also resistant to corrosion. This makes stainless steel an indispensable material for the food and pharmaceutical industries, as well as many other sectors with special application requirements. Our stainless steel products are mainly made of high-alloy chrome-nickel 1.4301 steel.

Properties

- 🔗 corrosion resistant
- 🔗 wear-resistant
- 🔗 hygienic
- 🔗 conductive
- 🔗 low-maintenance
- 🔗 durable
- 🔗 economical
- 🔗 excellent chemical resistance
- 🔗 acid resistance
- 🔗 low magnetization



Hardness range

approx. 190 – 215 HB (ball pressure hardness)

Temperature range

stainless steel can be used from -100° C to 600° C

Bearing types

- 🔗 plain bearing (through hole)
- 🔗 ball bearing
- 🔗 precision bore and keyway groove
- 🔗 roller bearing

areas of use // floors



wheels // TPBK-VA stainless steel



smooth-running series

Features:

- TPBK-VA wheel series:
- wheel body made of polypropylene with stainless steel ball bearing
- thermoplastic rubber tread grey, approx. 85° shore A
- spherical ball bearing protective cap

Properties:

- runs quietly, non-marking
- higher load-carrying capacity than rubber
- low rolling resistance
- (old designation: TPKI)

floors



"TPE smooth-running series with stainless steel ball bearings"

wheels

	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
TPBK-080-30-40-K08-VA Ident No.: 0024987	80	30	8	40	80
TPBK-100-30-40-K08-VA Ident No.: 0024988	100	30	8	40	90
TPBK-125-35-44-K08-VA Ident No.: 0029626	125	35	8	44	100
TPBK-160-40-60-K12-VA Ident No.: 0017874	160	40	12	60	180
TPBK-200-50-60-K12-VA Ident No.: 0017875	200	50	12	60	220

Castors can be found on page 268

Matching accessories can be found on page 432

floors



Features:

- TPKH-VA wheel series:
- polypropylene wheel body with 2 stainless steel ball bearings per wheel
- thermoplastic rubber tread grey, approx. 85° shore A

Properties:

- runs quietly
- non-marking
- higher load-carrying capacity than rubber
- low rolling resistance
- impact-resistant
- (old designation: THKS-Niro)



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
TPKH-080-35-40-K12-VA Ident No.: 0022796	80	35	12	40	120
TPKH-100-34-40-K12-VA Ident No.: 0022798	100	34	12	40	150
TPKH-125-40-50-K15-VA Ident No.: 0022800	125	40	15	50	200
TPKH-150-45-60-K20-VA Ident No.: 0022802	150	45	20	60	260
TPKH-160-45-60-K20-VA Ident No.: 0038773	160	45	20	60	260
TPKH-200-50-60-K20-VA Ident No.: 0022804	200	50	20	60	350
TPKH-250-60-75-K25-VA Ident No.: 0038588	250	60	25	75	450

Castors can be found on page 271

Matching accessories can be found on page 432

wheels // PUBK-VA stainless steel



smooth-
running
series

Features:

- PUBK VA wheel series
- polyamide 6 wheel body with stainless steel ball bearing
- polyurethane tread, blue, approx. 95° shore A
- spherical ball bearing protective cap

Properties:

- high load capacity
- low abrasion, non-marking
- low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- (old designation: PSKI)



floors



"PUR smooth-running series with stainless steel ball bearings"

wheels

	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUBK-080-30-40-K08-VA Ident No.: 0024984	80	30	8	40	100
PUBK-100-30-40-K08-VA Ident No.: 0024985	100	30	8	40	150
PUBK-125-35-44-K08-VA Ident No.: 0029628	125	35	8	44	200
PUBK-160-40-60-K12-VA Ident No.: 0026978	160	40	12	60	250
PUBK-200-50-60-K12-VA Ident No.: 0026979	200	50	12	60	300

Castors can be found on page 271

Matching accessories can be found on page 432

floors



Features:

- PUZK-VA wheel series:
- wheel body made of polyamide 6, with 2 stainless steel ball bearings
- tread made of polyurethane, approx. 95° shore A, rounded edges

Properties:

- high load capacity
- low abrasion, non-marking
- shock-resistant
- low rolling resistance
- excellent chemical resistance
- resistant to oil and grease
- resistant to cutting by metal chips
- (old designation: PUSKS)



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUZK-080-35-40-K12-VA Ident No.: 0022806	80	35	12	40	150
PUZK-100-35-40-K12-VA Ident No.: 0022808	100	35	12	40	200
PUZK-125-40-50-K15-VA Ident No.: 0022810	125	40	15	50	250
PUZK-150-45-60-K20-VA Ident No.: 0022812	150	45	20	60	380
PUZK-160-45-60-K20-VA Ident No.: 0034270	160	45	20	60	400
PUZK-200-50-60-K20-VA Ident No.: 0022814	200	50	20	60	500

Castors can be found on page 288

Matching accessories can be found on page 432

wheels // EPSK-VA stainless steel



Features:

- EPSK-grey wheel series:
- polyamide 6 wheel body with ball bearing
- elastic tread

Properties:

- runs quietly
- absorbs vibration
- (old designation: ERL)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EPSK-080-30-40-K08-VA Ident No.: 0033630	80	30	8	40	80
EPSK-100-30-40-K08-VA Ident No.: 0033631	100	30	8	40	120
EPSK-125-35-44-K08-VA Ident No.: 0033632	125	35	8	44	130

Castors can be found on page 275

Matching accessories can be found on page 432

floors



solid & un-even/rough



solid & smooth/flat



solid & sensitive

Features:

- EPUK-VA wheel series:
- wheel body made of polyamide 6, with 2 stainless steel ball bearings
- tread made of elastic polyurethane, approx. 80° shore A, rounded edges

Properties:

- runs quietly
- non-marking
- low abrasion
- impact-resistant
- low rolling resistance
- excellent chemical resistance
- resistant to oil and grease
- (old designation: PUKS-Niro)



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EPUK-080-35-40-K12-VA Ident No.: 0014362	80	35	12	40	130
EPUK-100-35-40-K12-VA Ident No.: 0014363	100	35	12	40	180
EPUK-125-40-50-K15-VA Ident No.: 0014364	125	40	15	50	200
EPUK-160-45-60-K20-VA Ident No.: 0014366	160	45	20	60	300
EPUK-200-50-60-K20-VA Ident No.: 0014367	200	50	20	60	450

Castors can be found on page 287

Matching accessories can be found on page 432

wheels // PPBL-VA stainless steel



Features:

- PPBL-VA wheel series:
- wheel body made of polypropylene with stainless steel ball bearings
- spherical ball bearing protective cap

Properties:

- excellent chemical resistance
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: PPKI)

floors



"PP smooth-running series with stainless steel ball bearings"

wheels

	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PPBL-080-30-40-K08-VA Ident No.: 0024981	80	30	8	40	150
PPBL-100-30-40-K08-VA Ident No.: 0024982	100	30	8	40	180
PPBL-125-35-44-K08-VA Ident No.: 0029627	125	35	8	44	210
PPBL-160-40-60-K12-VA Ident No.: 0017872	160	40	12	60	300
PPBL-200-50-60-K12-VA Ident No.: 0017873	200	50	12	60	400

Castors can be found on page 278

Matching accessories can be found on page 432

floors



Features:

- PAM-VA wheel series:
- wheel made of polyamide 6, with 2 stainless steel ball bearings
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: POKS)

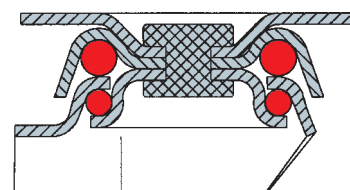


wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAM-080-35-40-K12-VA Ident No.: 0022816	80	35	12	40	200
PAM-100-35-40-K12-VA Ident No.: 0022818	100	35	12	40	300
PAM-125-40-50-K15-VA Ident No.: 0022820	125	40	15	50	400
PAM-150-45-60-K20-VA Ident No.: 0022822	150	45	20	60	700
PAM-160-45-60-K20-VA Ident No.: 0037730	160	45	20	60	700
PAM-200-50-60-K20-VA Ident No.: 0022824	200	50	20	60	1,000
PAM-200-50-60-K25-VA Ident No.: 0030842	200	50	25	60	1,000

Castors can be found on page 293

Matching accessories can be found on page 432

thermoplastic // stainless steel apparatus castors AV // up to 80 kg



Features:

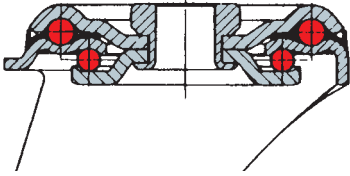
- castor series AV:
- lightweight stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/GL for polyamide wheel with plain bearing or RFL/PTG for thermoplastic with bearing plain bearing)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	bolt hole ø mm	load- carrying capacity kg
L-AV-TPGK-050-G-3 ID: 0029322	L-AV-TPGK-050-G-3-DSN ID: 0029325	B-AV-TPGK-050-G ID: 0029328	50	18	70	26	60 x 60	45 x 45	6.5	40
L-AV-TPGK-075-G-3 ID: 0029323	L-AV-TPGK-075-G-3-DSN ID: 0029326	B-AV-TPGK-075-G ID: 0029329	75	25	101	26	60 x 60	45 x 45	6.5	60
L-AV-TPGK-100-G-3 ID: 0029324	L-AV-TPGK-100-G-3-DSN ID: 0029327	B-AV-TPGK-100-G ID: 0029330	100	32	133	35	76 x 70	60 x 50	6.5	80

Matching accessories can be found on page 432

thermoplastic// stainless steel apparatus castors AV // up to 80 kg



Features:

- castor series AV:
- lightweight stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/GL for polyamide wheel with plain bearing or RFL/PTG for thermoplastic with bearing plain bearing)



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-AV-TPGK-050-G-1 ID: 0029316	L-AV-TPGK-050-G-1-DSN ID: 0029319	50	18	70	26	12	40
L-AV-TPGK-075-G-1 ID: 0029317	L-AV-TPGK-075-G-1-DSN ID: 0029320	75	25	101	26	12	60
L-AV-TPGK-100-G-1 ID: 0029318	L-AV-TPGK-100-G-1-DSN ID: 0029321	100	32	133	35	12	80

Matching accessories can be found on page 432



Features:

- PAA wheel series
- polyamide wheel body with plain bearing
- temperature resistance: -25° C to +80° C
- polyamide can absorbs and release moisture

Properties:

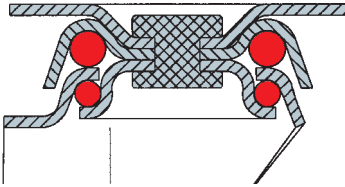
- excellent chemical resistance
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: GL)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAA-050-18-21-G08 Ident No.: 0016660	50	18	8	20.5	50
PAA-075-23-28-G08 Ident No.: 0016665	75	23	8	28	60

Matching accessories can be found on page 432



Features:

- castor series AV:
- lightweight stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/GL for polyamide wheel with plain bearing or RFL/PTG for thermoplastic with bearing plain bearing)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-AV-PAA-050-G-3 ID: 0037707	L-AV-PAA-050-G-3-DSN ID: 0040670	B-AV-PAA-050-G ID: 0037708	50	18	70	25	60 x 60	45 x 45	6.5	40
L-AV-PAA-075-G-3 ID: 0039085	L-AV-PAA-075-G-3-DSN ID: 0039086	B-AV-PAA-075-G ID: 0040673	75	25	101	26	60 x 60	45 x 45	6.5	60

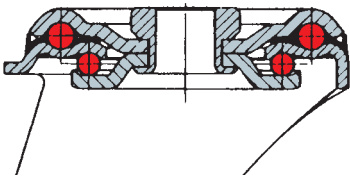


-1 (bolt hole)



1-DSN (bolt hole+ double brake)

plastic// stainless steel apparatus castors AV // up to 60 kg



- Features:**
- castor series AV:
 - lightweight stainless steel housing
 - fork head with double ball bearing
 - all mounted parts are resistant to rust and acid
 - (old designation: RFL/GL for polyamide wheel with plain bearing or RFL/PTG for thermoplastic with bearing plain bearing)



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 load-carrying capacity kg
L-AV-PAA-050-G-1 ID: 0035327	L-AV-PAA-050-G-1-DSN ID: 0040671	50	18	70	26	40
L-AV-PAA-075-G-1 ID: 0035330	L-AV-PAA-050-G-1-DSN ID: 0040672	75	25	101	26	60



-3 (plate)



3-DSN (plate+ double brake)

wheels // TPBK-VA stainless steel



smooth-running series

Features:

- TPBK-VA wheel series:
- wheel body made of polypropylene with stainless steel ball bearing
- thermoplastic rubber tread
- grey, approx. 85° shore A
- spherical ball bearing protective cap

Properties:

- runs quietly, non-marking
- higher load-carrying capacity than rubber
- low rolling resistance
- (old designation: TPKI)



floors

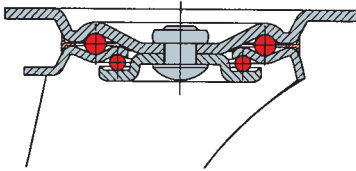


"TPE smooth-running series with stainless steel ball bearings"

wheels

	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
TPBK-080-30-40-K08-VA Ident No.: 0024987	80	30	8	40	80
TPBK-100-30-40-K08-VA Ident No.: 0024988	100	30	8	40	90
TPBK-125-35-44-K08-VA Ident No.: 0029626	125	35	8	44	100
TPBK-160-40-60-K12-VA Ident No.: 0017874	160	40	12	60	180
TPBK-200-50-60-K12-VA Ident No.: 0017875	200	50	12	60	220

Matching accessories can be found on page 432



Features:

- castor series IV:
- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/...)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IV-TPBK-080-K-3 ID: 0024999	L-IV-TPBK-080-K-3-DSN ID: 0025000	B-IV-TPBK-080-K ID: 0025001	80	30	108	32	100 x 80	80 x 60	9	80
L-IV-TPBK-100-K-3 ID: 0025002	L-IV-TPBK-100-K-3-DSN ID: 0025003	B-IV-TPBK-100-K ID: 0025004	100	30	128	32	100 x 80	80 x 60	9	90
L-IV-TPBK-125-K-3 ID: 0025005	L-IV-TPBK-125-K-3-DSN ID: 0025006	B-IV-TPBK-125-K ID: 0025007	125	35	155	32	100 x 80	80 x 60	9	100
L-IV-TPBK-160-K-3 ID: 0027486	L-IV-TPBK-160-K-3-DSN ID: 0027488	B-IV-TPBK-160-K ID: 0027490	160	40	197	52	130 x 106	105 x 80	11	180
L-IV-TPBK-200-K-3 ID: 0027487	L-IV-TPBK-200-K-3-DSN ID: 0027489	B-IV-TPBK-200-K ID: 0027491	200	50	240	49	130 x 106	105 x 80	11	220

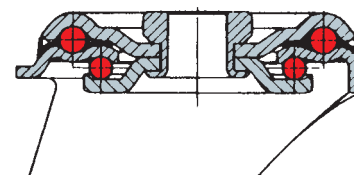


-1 (bolt hole)



1-DSN (bolt hole+ double brake)

thermoplastic // stainless steel standard series IV // up to 220 kg



Features:

- castor series IV:
- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/...)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IV-TPBK-080-K-1 ID: 0030137	L-IV-TPBK-080-K-1-DSN ID: 0030142	80	30	108	32	12	80
L-IV-TPBK-100-K-1 ID: 0030138	L-IV-TPBK-100-K-1-DSN ID: 0030143	100	30	128	32	12	90
L-IV-TPBK-125-K-1 ID: 0030139	L-IV-TPBK-125-K-1-DSN ID: 0030144	125	35	155	32	12	100
L-IV-TPBK-160-K-1 ID: 0030140	L-IV-TPBK-160-K-1-DSN ID: 0030145	160	40	197	52	12	180
L-IV-TPBK-200-K-1 ID: 0030141	L-IV-TPBK-200-K-1-DSN ID: 0030146	200	50	240	49	12.5	220



-3 (plate)



3-DSN (plate+
double brake)

Matching accessories can be found on page 432

floors



Features:

- PUBK VA wheel series:
- polyamide 6 wheel body with stainless steel ball bearing
- polyurethane tread, blue, approx. 95° shore A
- spherical ball bearing protective cap

Properties:

- high load capacity
- low abrasion, non-marking
- low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- (old designation: PSKI)



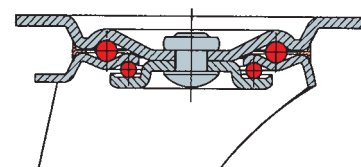
"PUR smooth-running series with stainless steel ball bearings"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUBK-080-30-40-K08-VA Ident No.: 0024984	80	30	8	40	100
PUBK-100-30-40-K08-VA Ident No.: 0024985	100	30	8	40	150
PUBK-125-35-44-K08-VA Ident No.: 0029628	125	35	8	44	200
PUBK-160-40-60-K12-VA Ident No.: 0026978	160	40	12	60	250
PUBK-200-50-60-K12-VA Ident No.: 0026979	200	50	12	60	300

Castors can be found on page 272

Matching accessories can be found on page 432

polyurethane // stainless steel standard series IV // up to 270 kg



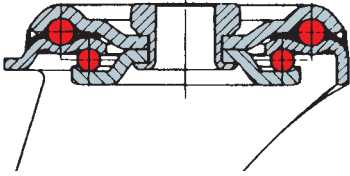
Features:

- castor series IV:
- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/...)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IV-PUBK-080-K-3 ID: 0024990	L-IV-PUBK-080-K-3-DSN ID: 0024991	B-IV-PUBK-080-K ID: 0024992	80	30	108	32	100 x 80	80 x 60	9	100
L-IV-PUBK-100-K-3 ID: 0024993	L-IV-PUBK-100-K-3-DSN ID: 0024994	B-IV-PUBK-100-K ID: 0024995	100	30	128	32	100 x 80	80 x 60	9	130
L-IV-PUBK-125-K-3 ID: 0024996	L-IV-PUBK-125-K-3-DSN ID: 0024997	B-IV-PUBK-125-K ID: 0024998	125	35	155	32	100 x 80	80 x 60	9	130
L-IV-PUBK-160-K-3 ID: 0027480	L-IV-PUBK-160-K-3-DSN ID: 0027482	B-IV-PUBK-160-K ID: 0027484	160	40	197	52	130 x 106	105 x 80	11	250
L-IV-PUBK-200-K-3 ID: 0027481	L-IV-PUBK-200-K-3-DSN ID: 0027483	B-IV-PUBK-200-K ID: 0027485	200	50	240	49	130 x 106	105 x 80	11	270

Matching accessories can be found on page 432



Features:

- castor series IV:
- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/...)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IV-PUBK-080-K-1 ID: 0030127	L-IV-PUBK-080-K-1-DSN ID: 0030132	80	30	108	32	12	100
L-IV-PUBK-100-K-1 ID: 0030128	L-IV-PUBK-100-K-1-DSN ID: 0030133	100	30	128	32	12	130
L-IV-PUBK-125-K-1 ID: 0030129	L-IV-PUBK-125-K-1-DSN ID: 0030134	125	35	155	32	12	130
L-IV-PUBK-160-K-1 ID: 0030130	L-IV-PUBK-160-K-1-DSN ID: 0030135	160	40	197	52	12	250
L-IV-PUBK-200-K-1 ID: 0030131	L-IV-PUBK-200-K-1-DSN ID: 0030136	200	50	240	49	12	270

wheels // EPSK-VA stainless steel



smooth-running series

Features:

- EPSK-grey wheel series:
- polyamide 6 wheel body with ball bearing
- elastic tread

Properties:

- runs quietly
- absorbs vibration
- (old designation: ERL)

floors

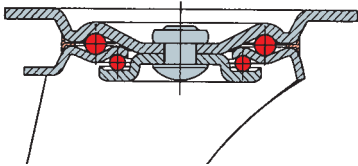


 *“Smooth-running series with highly elastic travel comfort”*

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EPSK-080-30-40-K08-VA Ident No.: 0033630	80	30	8	40	80
EPSK-100-30-40-K08-VA Ident No.: 0033631	100	30	8	40	120
EPSK-125-35-44-K08-VA Ident No.: 0033632	125	35	8	44	130

Matching accessories can be found on page 432

elastic polyurethane // stainless steel standard series IV // up to 130 kg



Features:

- castor series IV:
- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/...)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IV-EPSK-080-K-3 ID: 0034026	L-IV-EPSK-080-K-3-DSN ID: 0034027	B-IV-EPSK-080-K ID: 0034028	80	30	108	32	100 x 80	60 x 80	9	80
L-IV-EPSK-100-K-3 ID: 0034029	L-IV-EPSK-100-K-3-DSN ID: 0034030	B-IV-EPSK-100-K ID: 0034031	100	30	128	32	100 x 80	60 x 80	9	120
L-IV-EPSK-125-K-3 ID: 0034032	L-IV-EPSK-125-K-3-DSN ID: 0034033	B-IV-EPSK-125-K ID: 0034034	125	35	155	32	100 x 80	60 x 80	9	130



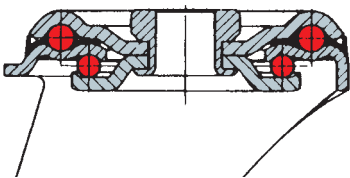
-1 (bolt hole)



1-DSN (bolt hole+
double brake)

Matching accessories can be found on page 432

elastic polyurethane // stainless steel standard series IV // up to 130 kg



- Features:**
- castor series IV:
 - standard stainless steel housing
 - fork head with double ball bearing
 - all mounted parts are resistant to rust and acid
 - (old designation: RFL/...)



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-IV-EPSK-080-K-1 ID: 0034883	L-IV-EPSK-080-K-1-DSN ID: 0034886	80	30	108	32	12	80
L-IV-EPSK-100-K-1 ID: 0034884	L-IV-EPSK-100-K-1-DSN ID: 0034887	100	30	128	32	12	120
L-IV-EPSK-125-K-1 ID: 0034885	L-IV-EPSK-125-K-1-DSN ID: 0034888	125	35	155	32	12	130



-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432

floors



Features:

- PPBL-VA wheel series:
- wheel body made of polypropylene with stainless steel ball bearings
- spherical ball bearing protective cap

Properties:

- excellent chemical resistance
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: PPKI)



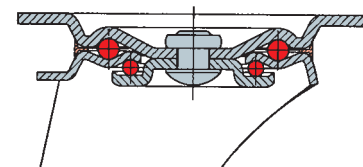
"PP smooth-running series with stainless steel ball bearings"

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PPBL-080-30-40-K08-VA Ident No.: 0024981	80	30	8	40	150
PPBL-100-30-40-K08-VA Ident No.: 0024982	100	30	8	40	180
PPBL-125-35-44-K08-VA Ident No.: 0029627	125	35	8	44	210
PPBL-160-40-60-K12-VA Ident No.: 0017872	160	40	12	60	300
PPBL-200-50-60-K12-VA Ident No.: 0017873	200	50	12	60	400

Castors can be found on page 278

Matching accessories can be found on page 432

polypropylene // stainless steel standard series IV // up to 270 kg



Features:

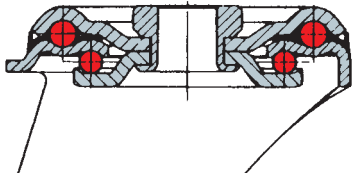
- castor series IV:
- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/...)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IV-PPBL-080-K-3 ID: 0025008	L-IV-PPBL-080-K-3-DSN ID: 0025009	B-IV-PPBL-080-K ID: 0025010	80	30	108	32	100 x 80	80 x 60	9	130
L-IV-PPBL-100-K-3 ID: 0025011	L-IV-PPBL-100-K-3-DSN ID: 0025012	B-IV-PPBL-100-K ID: 0025013	100	30	128	32	100 x 80	80 x 60	9	130
L-IV-PPBL-125-K-3 ID: 0025014	L-IV-PPBL-125-K-3-DSN ID: 0025015	B-IV-PPBL-125-K ID: 0025016	125	35	155	32	100 x 80	80 x 60	9	130
L-IV-PPBL-160-K-3 ID: 0027475	L-IV-PPBL-160-K-3-DSN ID: 0027338	B-IV-PPBL-160-K ID: 0027461	160	40	197	52	130 x 106	105 x 80	11	270
L-IV-PPBL-200-K-3 ID: 0027476	L-IV-PPBL-200-K-3-DSN ID: 0027477	B-IV-PPBL-200-K ID: 0027479	200	50	240	49	130 x 106	105 x 80	11	270

Matching accessories can be found on page 432

polypropylene // stainless steel standard series IV // up to 270 kg



Features:

- castor series IV:
- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/...)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IV-PPBL-080-K-1 ID: 0030489	L-IV-PPBL-080-K-1-DSN ID: 0030494	80	30	108	32	12	130
L-IV-PPBL-100-K-1 ID: 0030490	L-IV-PPBL-100-K-1-DSN ID: 0030495	100	30	128	32	12	130
L-IV-PPBL-125-K-1 ID: 0030491	L-IV-PPBL-125-K-1-DSN ID: 0030496	125	35	155	32	12	130
L-IV-PPBL-160-K-1 ID: 0030492	L-IV-PPBL-160-K-1-DSN ID: 0030497	160	40	197	52	12.5	270
L-IV-PPBL-200-K-1 ID: 0030493	L-IV-PPBL-200-K-1-DSN ID: 0030498	200	50	240	49	12.5	270

Matching accessories can be found on page 432



Features:

- PALB and PALZ wheel series, with plain bearings:
- polyamide 6 wheel body with plain bearings
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- (old designation: POD/TG)

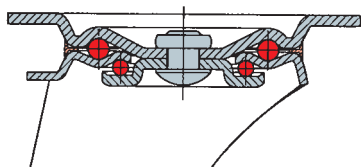
floors



"Our PALB series with strongly convex running surface: excellent turning characteristics"

wheels

	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PALB-080-33-40-G12 Ident No.: 0033518	80	33	12	40	150
PALB-100-35-40-G12 Ident No.: 0033519	100	35	12	40	200
PALB-125-36-50-G15 Ident No.: 0033520	125	36	15	50	300
PALB-150-40-58-G20 Ident No.: 0033521	150	40	20	58	450
PALZ-160-40-50-G15 Ident No.: 0022640	160	40	15	50	450
PALB-200-48-58-G20 Ident No.: 0033522	200	48	20	58	550



Features:

- castor series IV:
- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/...)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IV-PALB-080-G-3 ID: 0023393	L-IV-PALB-080-G-3-DSN ID: 0023398	B-IV-PALB-080-G ID: 0023284	80	30	108	32	100 x 80	80 x 60	8	130
L-IV-PALB-100-G-3 ID: 0022222	L-IV-PALB-100-G-3-DSN ID: 0022202	B-IV-PALB-100-G ID: 0023286	100	35	128	32	100 x 80	80 x 60	8	130
L-IV-PALB-125-G-3 ID: 0022218	L-IV-PALB-125-G-3-DSN ID: 0023406	B-IV-PALB-125-G ID: 0023289	125	35	155	32	100 x 80	80 x 60	10	130
L-IV-PALB-125-G-3-GP ID: 0022214	L-IV-PALB-125-G-3-DSN-GP ID: 0022208	B-IV-PALB-125-G-GP ID: 0023288	125	36	160	47	134 x 110	105 x 80	10.5	250
L-IV-PALZ-160-G-3 ID: 0023419	L-IV-PALZ-160-G-3-DSN ID: 0023422	B-IV-PALZ-160-G ID: 0023292	160	40	197	52	130 x 106	105 x 80	12	270
L-IV-PALB-200-G-3 ID: 0023423	L-IV-PALB-200-G-3-DSN ID: 0023426	B-IV-PALB-200-G ID: 0023294	200	50	240	49	130 x 106	105 x 80	12	270

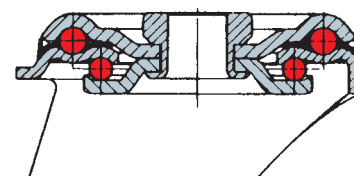


-1 (bolt hole)



1-DSN (bolt hole+ double brake)

polyamide// stainless steel standard series IV // up to 270 kg



Features:

- castor series IV:
- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/...)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IV-PALB-080-G-1 ID: 0023399	L-IV-PALB-080-G-1-DSN ID: 0023400	80	30	108	32	12	130
L-IV-PALB-100-G-1 ID: 0022212	L-IV-PALB-100-G-1-DSN ID: 0022204	100	35	128	32	12	130
L-IV-PALB-125-G-1 ID: 0023407	L-IV-PALB-125-G-1-DSN ID: 0023408	125	35	155	32	12	130
L-IV-PALZ-160-G-1 ID: 0030148	L-IV-PALZ-160-G-1-DSN ID: 0030150	160	40	197	52	12	270
L-IV-PALB-200-G-1 ID: 0030149	L-IV-PALB-200-G-1-DSN ID: 0030151	200	50	240	49	12	270



-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432

HEAVY-DUTY STAINLESS-STEEL CASTORS



SERIES	industrial castors thermoplastic	industrial castors polyurethane	industrial castors elastic polyurethane	industrial castors polyamide	industrial castors polyamide
LOAD- CARRYING CAPACITY	up to 350 kg	up to 500 kg	up to 450 kg	up to 700 kg	up to 1,000 kg
WHEEL-Ø	80 mm – 200 mm	80 mm – 200 mm	80 mm – 200 mm	80 mm – 200 mm	125 mm – 200 mm
MATERIAL/ TIRES	thermoplastic	polyurethane	elastic- polyurethane	polyamide	polyamide
BEARING	ball bearing	ball bearing	ball bearing	ball bearing	ball bearing
PAGES	286	288	290	292	294



“For heavy loads and high value”



Features:

- TPKH-VA wheel series:
- polypropylene wheel body with 2 stainless steel ball bearings per wheel
- thermoplastic rubber tread, grey, approx. 85° shore A

Properties:

- runs quietly
- non-marking
- higher load-carrying capacity than rubber
- low rolling resistance
- impact-resistant
- (old designation: THKS-Niro)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
TPKH-080-35-40-K12-VA Ident No.: 0022796	80	35	12	40	120
TPKH-100-34-40-K12-VA Ident No.: 0022798	100	34	12	40	150
TPKH-125-40-50-K15-VA Ident No.: 0022800	125	40	15	50	200
TPKH-150-45-60-K20-VA Ident No.: 0022802	150	45	20	60	260
TPKH-160-45-60-K20-VA Ident No.: 0038773	160	45	20	60	260
TPKH-200-50-60-K20-VA Ident No.: 0022804	200	50	20	60	350
TPKH-250-60-75-K25-VA Ident No.: 0038588	250	60	25	75	450

thermoplastic // heavy stainless steel series MV // up to 350 kg



Features:

- castor series MV:
- extra heavy stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: LNC/...)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-MV-TPKH-080-K-3 ID: 0040399	L-MV-TPKH-080-K-3-DSN ID: 0036270	B-MV-TPKH-080-K ID: 0040404	80	35	108	47	100 x 84	80 x 60	9	120
L-MV-TPKH-100-K-3 ID: 0040400	L-MV-TPKH-100-K-3-DSN ID: 0040403	B-MV-TPKH-100-K ID: 0040405	100	35	128	47	100 x 84	80 x 60	9	150
L-MV-TPKH-125-K-3 ID: 0014489	L-MV-TPKH-125-K-3-DSN ID: 0039107	B-MV-TPKH-125-K ID: 0039108	125	40	156	52	100 x 84	80 x 60	9	200
L-MV-TPKH-150-K-3 ID: 0040401	L-MV-TPKH-150-K-3-DSN ID: 0035160	B-MV-TPKH-150-K ID: 0035161	150	45	195	60	132 x 110	105 x 80	12	260
L-MV-TPKH-200-K-3 ID: 0040402	L-MV-TPKH-200-K-3-DSN ID: 0037405	B-MV-TPKH-200-K ID: 0040406	200	50	243	59	132 x 110	105 x 80	12	350

Matching accessories can be found on page 432



Features:

- PUZK-VA wheel series:
- wheel body made of polyamide 6, with 2 stainless steel ball bearings
- tread made of polyurethane, approx. 95° shore A, rounded edges

Properties:

- high load capacity
- low abrasion, non-marking, shock-resistant
- low rolling resistance
- excellent chemical resistance
- resistant to oil and grease
- resistant to cutting by metal chips
- (old designation: PUSKS-Niro)



floors



wheels

	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUZK-080-35-40-K12-VA Ident No.: 0022806	80	35	12	40	150
PUZK-100-35-40-K12-VA Ident No.: 0022808	100	35	12	40	200
PUZK-125-40-50-K15-VA Ident No.: 0022810	125	40	15	50	250
PUZK-150-45-60-K20-VA Ident No.: 0022812	150	45	20	60	380
PUZK-160-45-60-K20-VA Ident No.: 0034270	160	45	20	60	400
PUZK-200-50-60-K20-VA Ident No.: 0022814	200	50	20	60	500

polyurethane // heavy stainless steel series MV // up to 500 kg



Features:

- castor series MV:
- extra heavy stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: LNC/...)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-MV-PUZK-080-K-3 ID: 0029914	L-MV-PUZK-080-K-3-DSN ID: 0029920	B-MV-PUZK-080-K ID: 0029925	80	35	108	47	100 x 84	80 x 60	9	150
L-MV-PUZK-100-K-3 ID: 0029915	L-MV-PUZK-100-K-3-DSN ID: 0029921	B-MV-PUZK-100-K ID: 0029926	100	35	128	47	100 x 84	80 x 60	9	200
L-MV-PUZK-125-K-3 ID: 0029916	L-MV-PUZK-125-K-3-DSN ID: 0029922	B-MV-PUZK-125-K ID: 0029927	125	40	156	51	100 x 84	80 x 60	9	250
L-MV-PUZK-150-K-3 ID: 0029917	L-MV-PUZK-150-K-3-DSN ID: 0029923	B-MV-PUZK-150-K ID: 0029928	150	45	195	60	132 x 110	105 x 80	12	400
L-MV-PUZK-200-K-3 ID: 0029918	L-MV-PUZK-200-K-3-DSN ID: 0029924	B-MV-PUZK-200-K ID: 0029929	200	50	243	59	132 x 110	105 x 80	12	500

Matching accessories can be found on page 432



Features:

- EPUK-VA wheel series:
- wheel body made of polyamide 6, with 2 stainless steel ball bearings
- tread made of elastic polyurethane, approx. 80° shore A, rounded edges

Properties:

- runs quietly
- non-marking, low abrasion
- impact-resistant
- low rolling resistance
- excellent chemical resistance
- resistant to oil and grease
- (old designation: PUKS-Niro)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EPUK-080-35-40-K12-VA Ident No.: 0014362	80	35	12	40	130
EPUK-100-35-40-K12-VA Ident No.: 0014363	100	35	12	40	180
EPUK-125-40-50-K15-VA Ident No.: 0014364	125	40	15	50	200
EPUK-160-45-60-K20-VA Ident No.: 0014366	160	45	20	60	300
EPUK-200-50-60-K20-VA Ident No.: 0014367	200	50	20	60	450

elastic polyurethane // heavy stainless steel series MV // up to 450 kg



Features:

- castor series MV:
- extra heavy stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: LNC/...)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-MV-EPUK-080-K-3 ID: 0029884	L-MV-EPUK-080-K-3-DSN ID: 0029889	B-MV-EPUK-080-K ID: 0029894	80	35	108	47	100 x 84	80 x 60	9	130
L-MV-EPUK-100-K-3 ID: 0029885	L-MV-EPUK-100-K-3-DSN ID: 0029890	B-MV-EPUK-100-K ID: 0029895	100	35	128	47	100 x 84	80 x 60	9	180
L-MV-EPUK-125-K-3 ID: 0029886	L-MV-EPUK-125-K-3-DSN ID: 0029891	B-MV-EPUK-125-K ID: 0029896	125	40	156	51	100 x 84	80 x 60	9	200
L-MV-EPUK-160-K-3 ID: 0029887	L-MV-EPUK-160-K-3-DSN ID: 0029892	B-MV-EPUK-160-K ID: 0029897	160	45	200	60	132 x 110	105 x 80	12	300
L-MV-EPUK-200-K-3 ID: 0029888	L-MV-EPUK-200-K-3-DSN ID: 0029893	B-MV-EPUK-200-K ID: 0029898	200	50	243	59	132 x 110	105 x 80	12	450

Matching accessories can be found on page 432



Features:

- PAM-VA wheel series:
- wheel made of polyamide 6, with 2 stainless steel ball bearings
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: POKS-Niro)



floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAM-080-35-40-K12-VA Ident No.: 0022816	80	35	12	40	200
PAM-100-35-40-K12-VA Ident No.: 0022818	100	35	12	40	300
PAM-125-40-50-K15-VA Ident No.: 0022820	125	40	15	50	400
PAM-150-45-60-K20-VA Ident No.: 0022822	150	45	20	60	700
PAM-160-45-60-K20-VA Ident No.: 0037730	160	45	20	60	700
PAM-200-50-60-K20-VA Ident No.: 0022824	200	50	20	60	1,000
PAM-200-50-60-K25-VA Ident No.: 0030842	200	50	25	60	1,000

Polyamide//heavy stainless steel series MV//up to 700 kg



Features:

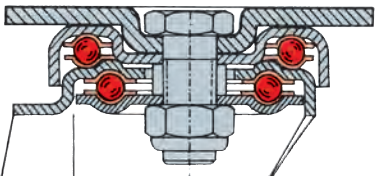
- castor series MV:
- extra heavy stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: LNC/...)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-MV-PAM-080-K-3 ID: 0029854	L-MV-PAM-080-K-3-DSN ID: 0029859	B-MV-PAM-080-K ID: 0029864	80	35	108	47	100 x 84	80 x 60	9	200
L-MV-PAM-100-K-3 ID: 0029855	L-MV-PAM-100-K-3-DSN ID: 0029860	B-MV-PAM-100-K ID: 0029865	100	35	128	47	100 x 84	80 x 60	9	300
L-MV-PAM-125-K-3 ID: 0029856	L-MV-PAM-125-K-3-DSN ID: 0029861	B-MV-PAM-125-K ID: 0029866	125	40	156	51	100 x 84	80 x 60	9	300
L-MV-PAM-150-K-3 ID: 0029857	L-MV-PAM-150-K-3-DSN ID: 0029862	B-MV-PAM-150-K ID: 0029867	150	45	195	60	132 x 110	105 x 80	12	700
L-MV-PAM-200-K-3 ID: 0029858	L-MV-PAM-200-K-3-DSN ID: 0029863	B-MV-PAM-200-K ID: 0029868	200	50	243	59	132 x 110	105 x 80	12	700

Matching accessories can be found on page 432

polyamide// heavy stainless steel series HV // up to 1,000 kg



Features

- castor series HV:
- extra heavy stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RLP/...)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-HV-PAM-125-K-3 ID: 0033867	L-HV-PAM-125-K-3-DSV ID: 0033870	B-HV-PAM-125-K ID: 0033873	125	40	178	45	140 x 110	105 x 80	12	400
L-HV-PAM-150-K-3 ID: 0033868	L-HV-PAM-150-K-3-DSV ID: 0033871	B-HV-PAM-150-K ID: 0033874	150	45	211	52	140 x 110	105 x 80	12	700
L-HV-PAM-200-K-3 ID: 0033869	L-HV-PAM-200-K-3-DSV ID: 0033872	B-HV-PAM-200-K ID: 0033875	200	50	250	58	140 x 110	105 x 80	12	1,000

Matching accessories can be found on page 432

ELECTRICALLY CONDUCTIVE WHEELS AND CASTORS



SERIES	apparatus castors thermoplastic	industrial castors thermoplastic	industrial castors solid rubber	industrial castors elastic solid rubber	industrial castors polyurethane	lightweight industrial castors polyamide	
LOAD- CARRYING CAPACITY	up to 65 kg	up to 110 kg	up to 295 kg	up to 400 kg	up to 500 kg	up to 350 kg	
WHEEL-Ø	50 mm - 100 mm	80 mm - 125 mm	80 mm – 250 mm	80 mm - 200 mm	80 mm - 200 mm	80 mm - 200 mm	
MATERIAL/ TIRES	thermoplastic	thermoplastic	solid rubber	elastic- solid rubber	polyurethane	polyamide	
BEARING	ball bearing	ball bearing	ball bearing	ball bearing	ball bearing	roller bearing	
PAGES	300	303	306	310	312	314	



	heavy industrial castors polyamide	stainless steel castors polyamide
	up to 600 kg	up to 350 kg
	80 mm - 200 mm	80 mm - 200 mm
	polyamide	polyamide
	ball bearing	roller bearing
	320	317





Electrically conductive wheels and castors

Solid rubber, thermoplastic rubber, polyurethane and polyamide are materials which are electrically conductive when they contain special additives. The wheels and castors then achieve an electrical resistance of less than 10 to the power 4 (10,000) ohms; they thus comply with the requirements of DIN EN 12527 and 12533. Such wheels and castors are used wherever an electrostatic discharge must be avoided (e.g. pharmaceuticals, clean room, automotive, and electrical industry applications).

Properties

leakage resistance: less than 10,000 ohms



Safety note instructions

In order to ensure the conductivity of painted components, the attachment points to the transporter must have no paint. The electrical conductivity of the wheels and wheel coverings can be affected by incapacitating deposits or by chemical and mechanical influences. This could cause the permissible values (as specified in the standards) to be exceeded. Dust, dirt, paint, acids, alkalis, overloads and impacts can reduce or prevent electrical/electrostatic energy from being discharged to the floor. It is the sole responsibility of the user to continually monitor all safety-related requirements, such as compliance with electrical conductivity standards during usage.

Hardness range

depends on the tread material

Temperature range

depends on the series of wheel

Bearing types

- 🌀 plain bearing (through hole)
- 🌀 roller bearing
- 🌀 ball bearing

areas of use // floors



wheels electrically conductive // TPBK-EC



Features:

- TPBK-EC wheel series:
- polypropylene wheel body with ball bearing
- thermoplastic rubber tread
- with thread guards to protect the ball bearing from dust and dirt

Properties:

- runs quietly
- non-marking
- low rolling resistance
- electrically conductive
- the leakage resistance is < 10,000 ohms
- (old designation: KO-ELF)

floors

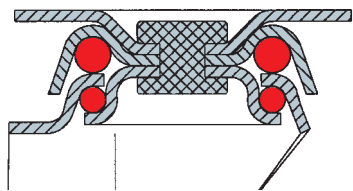


wheels
TPBK-050-19-22-K06-EC Ident No.: 0033382
TPBK-075-23-29-K06-EC Ident No.: 0033383
TPBK-100-25-29-K08-EC Ident No.: 0033384

 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
50	19	6	22	40
75	23	6	29	50
100	25	8	29	65

Matching accessories can be found on page 432

thermoplastic electrically conductive // apparatus castors, lightweight AL // up to 65 kg



Features:

- castor series AL, thermo-plastic, ball bearing:
- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing
- wheels with thermoplastic tires and ball bearings



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole pattern from to mm	hole ø mm	load- carrying capacity kg
L-AL-TPBK-050-K-3-EC ID: 0033652	L-AL-TPBK-050-K-3-DSN-EC ID: 0033653	B-AL-TPBK-050-K-3-EC ID: 0033651	50	19	71	21	60 x 60	38x38 up to 46x46	6.2	40
L-AL-TPBK-075-K-3-EC ID: 0033664	L-AL-TPBK-075-K-3-DSN-EC ID: 0033665	B-AL-TPBK-075-K-3-EC ID: 0033663	75	23	101	25	60 x 60	38x38 up to 46x46	6.2	50
L-AL-TPBK-100-K-3-EC ID: 0033669	L-AL-TPBK-100-K-3-DSN-EC ID: 0033670	B-AL-TPBK-100-K-3-EC ID: 0033668	100	25	122	32	60 x 60	38x38 up to 46x46	6.2	65



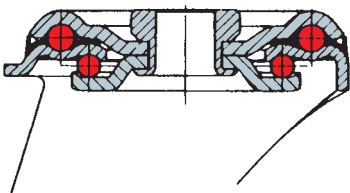
-1 (bolt hole)



1-DSN (bolt hole+
double brake)

Matching accessories can be found on page 432

thermoplastic electrically conductive // apparatus castors, lightweight AL // up to 65 kg



Features:

- castor series AL, thermo-plastic, ball bearing: .
- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing
- wheels with thermoplastic tires and ball bearings



“Electrically conductive”



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-AL-TPBK-050-K-1-EC ID: 0033649	L-AL-TPBK-050-K-1-DSN-EC ID: 0033650	50	19	71	21	10.2	40
L-AL-TPBK-075-K-1-EC ID: 0033654	L-AL-TPBK-075-K-1-DSN-EC ID: 0033655	75	23	101	25	10.2	50
L-AL-TPBK-100-K-1-EC ID: 0033666	L-AL-TPBK-100-K-1-DSN-EC ID: 0033667	100	25	122	32	10.2	65



-3 (plate)



3-DSN (plate+
double brake)

Matching accessories can be found on page 432

floors



Features:

- TPBK-EC wheel series:
- polypropylene wheel body with ball bearing
- tread made of thermoplastic rubber, grey, approx. 85° shore A

Properties:

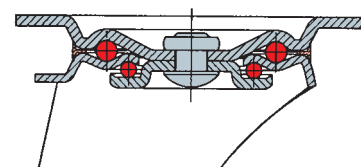
- runs quietly
- non-marking
- low rolling resistance
- electrically conductive
- the leakage resistance is < 10,000 ohms
- (old designation: TPK-ELF)



“Electrically conductive smooth-running series”

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
TPBK-080-30-40-K08-EC Ident No.: 0034072	80	30	8	40	80
TPBK-100-30-40-K08-EC Ident No.: 0034073	100	30	8	40	90
TPBK-125-35-50-K08-EC Ident No.: 0034074	125	35	8	50	110

thermoplastic electrically conductive // standard housing IS, IL // up to 110 kg



Features:

- castor series IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IL-TPBK-080-K-3-EC ID: 0034075	L-IL-TPBK-080-K-3-DSN-EC ID: 0034076	B-IL-TPBK-080-K-3-EC ID: 0034077	80	30	100	36	105 x 80	80 x 60	9	80
L-IL-TPBK-100-K-3-EC ID: 0034078	L-IL-TPBK-100-K-3-DSN-EC ID: 0034079	B-IL-TPBK-100-K-3-EC ID: 0034080	100	30	125	36	105 x 80	80 x 60	9	90
L-IL-TPBK-125-K-3-EC ID: 0034081	L-IL-TPBK-125-K-3-DSN-EC ID: 0034082	B-IL-TPBK-125-K-3-EC ID: 0034083	125	35	155	36	105 x 80	80 x 60	9	110



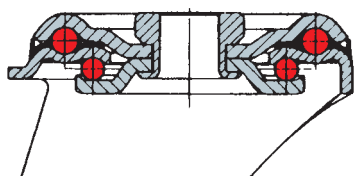
-1 (bolt hole)



1-DSN (bolt hole+
double brake)

Matching accessories can be found on page 432

thermoplastic electrically conductive // standard housing IS, IL // up to 110 kg



Features:

- castor series IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



"Electrically conductive"



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IL-TPBK-080-K-1-EC ID: 0035805	L-IL-TPBK-080-K-1-DSN-EC ID: 0035806	80	30	100	36	12	80
L-IL-TPBK-100-K-1-EC ID: 0036881	L-IL-TPBK-100-K-1-DSN-EC ID: 0036882	100	30	125	36	12	90
L-IL-TPBK-125-K-1-EC ID: 0035807	L-IL-TPBK-125-K-1-DSN-EC ID: 0035808	125	35	155	36	12	110



-3 (plate)



3-DSN (plate+
double brake)

Matching accessories can be found on page 432

wheels electrically conductive // SGS-EC



Features:

- SGS EC wheel series:
- wheel body made of steel sheet with roller bearing
- tread made of standard solid tire rubber, black
- floor contact staining can occur with these tires due to softener diffusion approx. 80° - 85° shore A

Properties:

- runs quietly
- affordable
- absorbs vibration
- electrically conductive
- the leakage resistance is < 10,000 ohms
- (old designation: 522 EL)

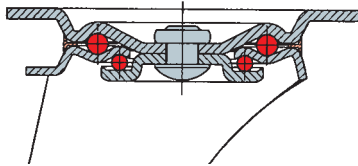
floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
SGS-080-30-40-R12-EC Ident No.: 0013142	80	30	12	40	50
SGS-100-30-40-R12-EC Ident No.: 0013151	100	30	12	40	70
SGS-125-38-50-R15-EC Ident No.: 0013163	125	38	15	50	100
SGS-140-38-49-R20-EC Ident No.: 0013382	140	38	20	49	120
SGS-160-40-58-R20-EC Ident No.: 0013194	160	40	20	58	135
SGS-180-50-60-R20-EC Ident No.: 0033481	180	50	20	60	170
SGS-200-50-60-R20-EC Ident No.: 0013238	200	50	20	60	205
SGS-250-60-75-R25-EC Ident No.: 0013264	250	60	25	75	295

Matching accessories can be found on page 432

solid rubber electrically conductive // standard housing IS, IL **//** up to 295 kg



Features:

- castor series IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IL-SGS-080-R-3-EC ID: 0030211	L-IL-SGS-080-R-3-DSN-EC ID: 0030217	B-IL-SGS-080-R-EC ID: 0030223	80	30	100	36	105 x 80	80 x 60	9	50
L-IL-SGS-100-R-3-EC ID: 0030212	L-IL-SGS-100-R-3-DSN-EC ID: 0030218	B-IL-SGS-100-R-EC ID: 0030224	100	30	125	36	105 x 80	80 x 60	9	70
L-IL-SGS-125-R-3-EC ID: 0030213	L-IL-SGS-125-R-3-DSN-EC ID: 0030219	B-IL-SGS-125-R-EC ID: 0030225	125	38	155	36	105 x 80	80 x 60	9	100
L-IS-SGS-125-R-3-EC-GP ID: 0037863	L-IS-SGS-125-R-3-DSN-EC-GP ID: 0040378	B-IS-SGS-125-R-EC-GP ID: 0037864	125	38	155	48	135 x 110	105 x 80	11	100
L-IL-SGS-160-R-3-EC ID: 0030214	L-IL-SGS-160-R-3-DSN-EC ID: 0030220	B-IL-SGS-160-R-EC ID: 0030226	160	40	190	52	135 x 110	105 x 80	11	135
L-IL-SGS-200-R-3-EC ID: 0030215	L-IL-SGS-200-R-3-DSN-EC ID: 0030221	B-IL-SGS-200-R-EC ID: 0030227	200	50	235	54	135 x 110	105 x 80	11	205
L-IS-SGS-250-R-3-EC ID: 0030216	L-IS-SGS-250-R-3-DSV-EC ID: 0030222	B-IS-SGS-250-R-EC ID: 0030228	250	60	290	66	135 x 110	105 x 80	11	295



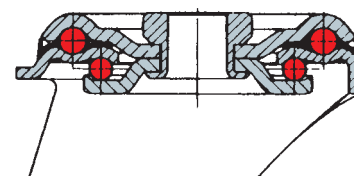
-1 (bolt hole)



1-DSN (bolt hole+ double brake)

Matching accessories can be found on page 432

solid rubber electrically conductive // standard housing IS, IL **//** up to 295 kg



Features:

- castor series IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IL-SGS-080-R-1-EC ID: 0030543	L-IL-SGS-080-R-1-DSN-EC ID: 0030548	80	30	100	36	12	50
L-IL-SGS-100-R-1-EC ID: 0030544	L-IL-SGS-100-R-1-DSN-EC ID: 0030549	100	30	125	38	12	70
L-IL-SGS-125-R-1-EC ID: 0030545	L-IL-SGS-125-R-1-DSN-EC ID: 0030550	125	38	155	38	12	100
L-IL-SGS-160-R-1-EC ID: 0030546	L-IL-SGS-160-R-1-DSN-EC ID: 0030551	160	38	190	52	16.5	135
L-IL-SGS-200-R-1-EC ID: 0030547	L-IL-SGS-200-R-1-DSN-EC ID: 0030552	200	50	235	53	17	205



-3 (plate)



3-DSN (plate+
double brake)

Matching accessories can be found on page 432

wheels electrically conductive // EGA-EC



Features:

- EGA-EC wheel series
- die-cast aluminum wheel body with ball bearing
- tread made of elastic solid rubber, approx. 65° shore A, strong solid rubber cushion

Properties:

- high elasticity with low rolling resistance
- runs quietly
- sturdy and shock-resistant
- absorbs vibration
- electrically conductive
- the leakage resistance is < 10,000 ohms
- (old designation: f3 elf)

floors

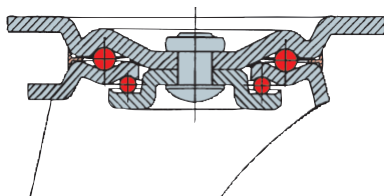


wheels

	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EGA-080-35-40-K12-EC Ident No.: 0031230	80	35	12	40	120
EGA-100-40-40-K12-EC Ident No.: 0031232	100	40	12	40	180
EGA-125-40-50-K20-EC Ident No.: 0031261	125	40	20	50	200
EGA-160-50-60-K20-EC Ident No.: 0031546	160	50	20	60	300
EGA-200-50-60-K20-EC Ident No.: 0032291	200	50	20	60	400

Matching accessories can be found on page 432

elastic rubber, electrically conductive // medium-weight housing IM **//** up to 400 kg



Features:

- castor series IM:
- heavy steel plate housing, galvanized
- fork head with double ball bearing
- (old designation: LU)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IM-EGA-080-K-3-EC ID: 0033750	L-IM-EGA-080-K-3-DSN-EC ID: 0033758	B-IM-EGA-080-K-EC ID: 0033764	80	35	108	40	105 x 80	80 x 60	9	120
L-IM-EGA-100-K-3-EC ID: 0033751	L-IM-EGA-100-K-3-DSN-EC ID: 0033759	B-IM-EGA-100-K-EC ID: 0033765	100	40	128	40	105 x 80	80 x 60	9	180
L-IM-EGA-125-K-3-EC ID: 0033753	L-IM-EGA-125-K-3-DSN-EC ID: 0033760	B-IM-EGA-125-K-EC ID: 0033766	125	40	155	40	105 x 80	80 x 60	9	200
L-IM-EGA-160-K-3-EC ID: 0033754	L-IM-EGA-160-K-3-DSN-EC ID: 0033762	B-IM-EGA-160-K-EC ID: 0033767	160	50	200	56	135 x 110	105 x 80	11	300
L-IM-EGA-200-K-3-EC ID: 0033757	L-IM-EGA-200-K-3-DSN-EC ID: 0033763	B-IM-EGA-200-K-EC ID: 0033768	200	50	245	56	135 x 110	105 x 80	11	400

Matching accessories can be found on page 432

wheels electrically conductive // PUZK-EC



Features:

- PUZK-EC wheel series:
- polyamide 6 wheel body with ball bearing
- tread made of polyurethane, approx. 95° shore A, rounded edges

Properties:

- high load capacity
- low abrasion, non-marking, low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- the leakage resistance is < 10,000 ohms
- (old designation: PUSKS-ELF)



"Electrically conductive, comfortable running movement"

floors

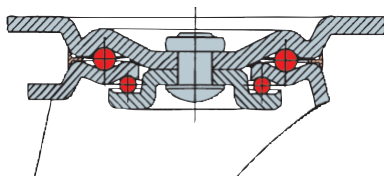


wheels

	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUZK-080-35-40-K12-EC Ident No.: 0033385	80	35	12	40	150
PUZK-100-35-40-K12-EC Ident No.: 0033391	100	35	12	40	200
PUZK-125-40-50-K15-EC Ident No.: 0033392	125	40	15	50	250
PUZK-160-45-60-K20-EC Ident No.: 0033393	160	45	20	60	380
PUZK-200-50-60-K20-EC Ident No.: 0033394	200	50	20	60	500

Matching accessories can be found on page 432

polyurethane electrically conductive // medium-weight housing IM // up to 500 kg



Features:

- castor series IM:
- heavy steel plate housing, galvanized
- fork head with double ball bearing
- (old designation: LU)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IM-PUZK-080-K-3-EC ID: 0033396	L-IM-PUZK-080-K-3-DSN-EC ID: 0033405	B-IM-PUZK-080-K-EC ID: 0033411	80	35	108	40	105 x 80	80 x 60	8.5	150
L-IM-PUZK-100-K-3-EC ID: 0033397	L-IM-PUZK-100-K-3-DSN-EC ID: 0033406	B-IM-PUZK-100-K-EC ID: 0033412	100	35	128	40	105 x 80	80 x 60	8.5	200
L-IM-PUZK-125-K-3-EC ID: 0033400	L-IM-PUZK-125-K-3-DSN-EC ID: 0033407	B-IM-PUZK-125-K-EC ID: 0033413	125	40	155	40	105 x 80	80 x 60	8.5	250
L-IM-PUZK-160-K-3-EC ID: 0033402	L-IM-PUZK-160-K-3-DSN-EC ID: 0033408	B-IM-PUZK-160-K-EC ID: 0033414	160	50	200	56	135 x 110	105 x 80	10.5	380
L-IM-PUZK-200-K-3-EC ID: 0033403	L-IM-PUZK-200-K-3-DSN-EC ID: 0033409	B-IM-PUZK-200-K-EC ID: 0033415	200	47	245	56	135 x 110	105 x 80	10.5	500

Matching accessories can be found on page 432

wheels electrically conductive // PALK-EC



Features:

- PALK-EC wheel series:
- wheel body made of polyamide 6 with roller bearing and stainless steel axle tube; ready for installation
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- electrically conductive
- the leakage resistance is < 10,000 ohms
- (old designation: TQR ELF)

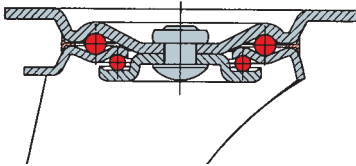
floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PALK-080-35-42-R12-EC Ident No.: 0036210	80	30	12	38	200
PALK-100-35-43-R08-EC Ident No.: 0036211	100	34	12	38	250
PALK-125-35-51-R08-EC Ident No.: 0036212	125	35	8	51	350
PALK-150-45-61-R12-EC Ident No.: 0036213	150	45	12	61	500
PALK-200-50-61-R12-EC Ident No.: 0036214	200	50	12	61	600

Matching accessories can be found on page 432

polyamide electrically conductive// standard housing IS, IL// up to 350 kg



Features:

- castor series IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IL-PALK-080-R-3-EC ID: 0030196	L-IL-PALK-080-R-3-DSN-EC ID: 0030201	B-IL-PALK-080-R-3-EC ID: 0030206	80	35	100	36	105 x 80	80 x 60	9	150
L-IL-PALK-100-R-3-EC ID: 0030197	L-IL-PALK-100-R-3-DSN-EC ID: 0030202	B-IL-PALK-100-R-3-EC ID: 0030207	100	35	125	36	105 x 80	80 x 60	9	150
L-IL-PALK-125-R-3-EC ID: 0030198	L-IL-PALK-125-R-3-DSN-EC ID: 0030203	B-IL-PALK-125-R-3-EC ID: 0030208	125	35	155	37	105 x 80	80 x 60	9	200
L-IL-PALK-150-R-3-EC ID: 0030199	L-IL-PALK-150-R-3-DSN-EC ID: 0030204	B-IL-PALK-150-R-3-EC ID: 0030209	150	45	185	52	135 x 110	105 x 80	11	300
L-IL-PALK-200-R-3-EC ID: 0030200	L-IL-PALK-200-R-3-DSN-EC ID: 0030205	B-IL-PALK-200-R-3-EC ID: 0030210	200	50	235	53	135 x 110	105 x 80	11	350



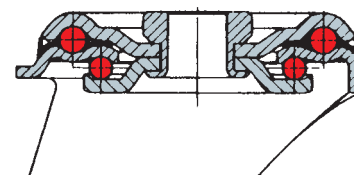
-1 (bolt hole)



1-DSN (bolt hole+ double brake)

Matching accessories can be found on page 432

polyamide electrically conductive // standard housing IS, IL // up to 350 kg



Features:

- castor series IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-IL-PALK-080-R-1-EC ID: 0031715	L-IL-PALK-080-R-1-DSN-EC ID: 0032882	80	30	103	36	12	130
L-IL-PALK-100-R-1-EC ID: 0032034	L-IL-PALK-100-R-1-DSN-EC ID: 0035183	100	35	125	36	12	130
L-IL-PALK-125-R-1-EC ID: 0033343	L-IL-PALK-125-R-1-DSN-EC ID: 0035184	125	40	155	36	12	130
L-IL-PALK-150-R-1-EC ID: 0040473	L-IL-PALK-150-R-1-DSN-EC ID: 0040474	150	45	185	52	12	300
L-IL-PALK-200-R-1-EC ID: 0035182	L-IL-PALK-200-R-1-DSN-EC ID: 0032184	200	50	235	54	12	350



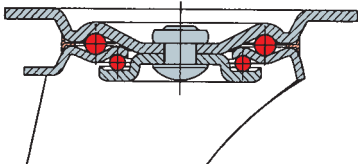
-3 (plate)



3-DSN (plate+
double brake)

Matching accessories can be found on page 432

polyamide electrically conductive // stainless steel standard series IV // up to 270 kg



Features:

- castor series IV:
- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/...)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
L-IV-PALK-080-R-3-EC ID: 0032478	L-IV-PALK-080-R-3-DSN-EC ID: 0032479	B-IV-PALK-080-R-3-EC ID: 0032661	80	30	108	32	100 x 80	80 x 60	8	130
L-IV-PALK-100-R-3-EC ID: 0033297	L-IV-PALK-100-R-3-DSN-EC ID: 0031084	B-IV-PALK-100-R-3-EC ID: 0031085	100	35	128	32	100 x 80	80 x 60	8	130
L-IV-PALK-125-R-3-EC ID: 0032266	L-IV-PALK-125-R-3-DSN-EC ID: 0031327	B-IV-PALK-125-R-3-EC ID: 0030963	125	40	155	32	100 x 80	80 x 60	10	130
L-IV-PALK-150-R-3-EC ID: 0033876	L-IV-PALK-150-R-3-DSN-EC ID: 0031324	B-IV-PALK-150-R-3-EC ID: 0031713	150	45	195	52	130 x 106	105 x 80	12	270
L-IV-PALK-200-R-3-EC ID: 0033877	L-IV-PALK-200-R-3-DSN-EC ID: 0033878	B-IV-PALK-200-R-3-EC ID: 0033879	200	50	245	49	130 x 106	105 x 80	12	270



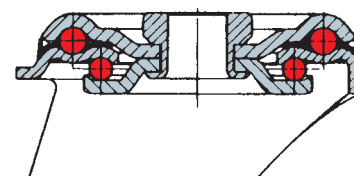
-1 (bolt hole)



1-DSN (bolt hole+
double brake)

Matching accessories can be found on page 432

polyamide electrically conductive // stainless steel standard series IV // up to 270 kg



Features:

- castor series IV:
- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/...)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-IV-PALK-080-R-1-EC ID: 0033959	L-IV-PALK-080-R-1-DSN-EC ID: 0030938	80	35	108	32	12	130
L-IV-PALK-100-R-1-EC ID: 0040475	L-IV-PALK-100-R-1-DSN-EC ID: 0034151	100	35	128	32	12	130
L-IV-PALK-125-R-1-EC ID: 0035191	L-IV-PALK-125-R-1-DSN-EC ID: 0035192	125	37	155	32	12	130
L-IV-PALK-150-R-1-EC ID: 0040476	L-IV-PALK-150-R-1-DSN-EC ID: 0040479	150	45	192	49	12	270
L-IV-PALK-200-R-1-EC ID: 0040477	L-IV-PALK-200-R-1-DSN-EC ID: 0040482	200	50	240	49	12	270



-3 (plate)



3-DSN (plate+
double brake)

Matching accessories can be found on page 432

wheels electrically conductive // PAM-EC



Features:

- PAM-EC wheel series:
- wheel made of polyamide 6 with 2 ball bearings
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity, resistant to fracturing even with heavy loads
- runs well on smooth floor surfaces
- low rolling resistance
- electrically conductive
- the leakage resistance is < 10,000 ohms
- (old designation: POKS-ELF)

floors

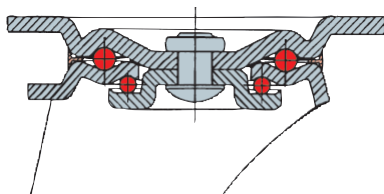


wheels
PAM-080-35-40-K12-EC Ident No.: 0033420
PAM-100-35-40-K12-EC Ident No.: 0033421
PAM-125-40-50-K15-EC Ident No.: 0033422
PAM-150-45-60-K20-EC Ident No.: 0033423
PAM-200-50-60-K20-EC Ident No.: 0033424

 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
80	35	12	40	200
100	35	12	40	300
125	40	15	50	400
150	45	20	60	700
200	50	20	60	1,000

Matching accessories can be found on page 432

polyamide electrically conductive // medium-weight housing IM // up to 500 kg



Features:

- castor series IM:
- heavy steel plate housing, galvanized
- fork head with double ball bearing
- (old designation: LU)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-IM-PAM-080-K-3-EC ID: 0033425	L-IM-PAM-080-K-3-DSN-EC ID: 0033431	B-IM-PAM-080-K-EC ID: 0033437	80	35	108	40	105 x 80	80 x 60	8.5	200
L-IM-PAM-100-K-3-EC ID: 0033426	L-IM-PAM-100-K-3-DSN-EC ID: 0033432	B-IM-PAM-100-K-EC ID: 0033438	100	35	128	40	105 x 80	80 x 60	8.5	300
L-IM-PAM-125-K-3-EC ID: 0033427	L-IM-PAM-125-K-3-DSN-EC ID: 0033434	B-IM-PAM-125-K-EC ID: 0033439	125	40	155	40	105 x 80	80 x 60	8.5	400
L-IM-PAM-150-K-3-EC ID: 0033428	L-IM-PAM-150-K-3-DSN-EC ID: 0033435	B-IM-PAM-150-K-EC ID: 0033440	150	45	195	56	135 x 110	105 x 80	10.5	500
L-IM-PAM-200-K-3-EC ID: 0033429	L-IM-PAM-200-K-3-DSN-EC ID: 0033436	B-IM-PAM-200-K-EC ID: 0033441	200	50	245	56	135 x 110	105 x 80	10.5	500

Matching accessories can be found on page 432

APPARATUS CASTORS



SERIES	lightweight apparatus castors	plastic double castors and chair castors	standard apparatus castor polyamide	double castors polyamide	standard apparatus castors thermoplastic	double castors thermoplastic	
LOAD- CARRYING CAPACITY	up to 40 kg	up to 70 kg	up to 60 kg	up to 100 kg	up to 65 kg	up to 100 kg	
WHEEL-Ø	15 mm – 50 mm	35 mm - 50 mm	50 mm – 100 mm	50 mm -75 mm	50 mm – 100 mm	50 mm -75 mm	
MATERIAL/ TIRES	polyamide	polyamide, polyurethane	polyamide	polyamide	thermoplastic	thermoplastic	
BEARING	plain bearing	plain bearing	plain bearing	plain bearing	plain bearing, ball bearing	plain bearing, ball bearing	
PAGES	326	327	330	333	336	339	



	heavy thermoplastic	heavy apparatus castors thermo-plastic and polyurethane	fixed box castors, ladder castors	apparatus castors with rubber ball	rollers for glass cutting tables	full plastic
	up to 110 kg	up to 110 kg	up to 50 kg	up to 50 kg	up to 20 kg	up to 100 kg
	80 mm – 125 mm	80 mm – 125 mm	13 mm – 50 mm	30 mm – 50 mm	35 mm - 50 mm	100 mm - 125 mm
	thermoplastic	thermoplastic, polyurethane	polyamide, thermoplastic	solid rubber, non marking	elastic-solid rubber, polyurethane	thermoplastic
	plain bearing, ball bearing	plain bearing, ball bearing	plain bearing, ball bearing	plain bearing	plain bearing	ball bearing
	348	356	359	360	361	362



“Apparatus castors are ideal for all types of furniture”



Apparatus castors with load capacities from 15 kg to 110 kg

Our apparatus castors are ideal for areas demanding low installation heights. Their slim design and high-grade materials help them to meet the demanding requirements that manufacturers have for shop equipment, medical equipment, display stands, office and household furniture usage. There are numerous mounting methods available so that these castors can be attached to a wide variety of equipment.

Properties

- ☞ good maneuverability
- ☞ low unit weight
- ☞ low installation height
- ☞ variety of mounting methods



Shore hardness

depending on the tread surface of the wheels

Temperature range

depending on the material of the housing and wheels

Bearing types

- ☞ plain bearing (through hole)
- ☞ ball bearing

areas of use // floors



apparatus castors // light series

with bolt hole



castor series 1357:
lightweight, pressed
steel sheet housing,
galvanized, fork
head with double
ball bearing

						
swivel castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load- carrying capacity kg
L-1357-30-1-VPE20 Ident No.: 0030330	30	15	47	14	10	30
L-1357-40-1-VPE10 Ident No.: 0030331	40	18	61	24	10	35
L-1357-50-1-VPE10 Ident No.: 0030332	50	18	66	24	10	40

with mountin plate



castor series 1358:
lightweight, pressed
steel sheet housing,
galvanized fork
head with double
ball bearing

						
swivel castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	load- carrying capacity kg
L-1358-30-3-VPE20 Ident No.: 0028108	30	15	37,5	13	40 x 40	25
L-1358-38-3-VPE10 Ident No.: 0028109	38	18	53	20	42 x 42	25
L-1358-45-3-VPE10 Ident No.: 0028110	45	18	64	20	47 x 47	30
L-1358-50-3-VPE10 Ident No.: 0028111	50	20	68	20	47 x 47	35



**"VPE20 = 20 units per package,
VPE10 = 10 units per package"**

swivel castors

						
	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	load- carrying capacity kg
L-DRKL-35-3-VPE20 Ident No.: 0029815	35	13	45	18	40 x 40	70
L-DRKA-35-3-VPE20 Ident No.: 0028104	35	13	51	18	40 x 40	70
L-DRKA-40-3-VPE20 Ident No.: 0030343	40	10	58	16	40 x 40	40
L-DRKA-50-3-VPE20 Ident No.: 0028106	50	12	69	18	40 x 40	50
L-DRPU-50-3-VPE20 Ident No.: 0029816	50	16	70	18	40 x 40	50

double castors with plate

high-quality, black plastic wheel center with plain bearing Series DRPU with polyurethane running surface


**swivel castors
wheel lock**

						
	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	load- carrying capacity kg
L-DRKA-35-3-DSN-VPE20 Ident No.: 0028105	35	13	51	18	40 x 40	70
L-DRKA-50-3-DSN-VPE20 Ident No.: 0028107	50	12	70	18	40 x 40	50
L-DRKA-40-3-DSN-VPE20 Ident No.: 0030345	40	10	58	16	40 x 40	40
L-DRPU-50-3-DSN-VPE20 Ident No.: 0030347	50	12	70	18	40 x 40	50

double castors, brake, plate

high-quality, black plastic wheel center with plain bearing Series DRPU with polyurethane running surface



"VPE20 = 20 units per package"

double castors with set screw



high-quality, black plastic wheel center with plain bearing

Series DRPU with polyurethane running surface

swivel castors

						
	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	attachment mm	load- carrying capacity kg
L-DRKL-35-2-M8-VPE20 Ident No.: 0029814	35	13	40	18	M8 x 15	70
L-DRKA-40-2-M8-VPE20 Ident No.: 0030334	40	10	53	16	M8 x 15	40
L-DRKA-40-2-M10-VPE20 Ident No.: 0030335	40	10	53	16	M10x15	40
L-DRKA-50-2-M8-VPE20 Ident No.: 0030336	50	12	65	18	M8x15	50
L-DRKA-50-2-M10-VPE20 Ident No.: 0028102	50	12	65	18	M10x15	50

double castors, brake and set screw



high-quality, black plastic wheel center with plain bearing

Series DRPU with polyurethane running surface

swivel castors with brake and set screw

						
	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	attachment mm	load- carrying capacity kg
L-DRKA-35-2-M8-DSN-VPE20 Ident No.: 0028101	35	13	46	18	M8 x 15	70
L-DRKA-50-2-M10-DSN-VPE20 Ident No.: 0028103	50	12	65	18	M10x 15	50
L-DRKA-40-2-M8-DSN-VPE20 Ident No.: 0030344	40	10	53	16	M8 x 15	40
L-DRKA-50-2-M8-DSN-VPE20 Ident No.: 0030348	50	12	65	18	M8 x 15	50
L-DRPU-50-2-M10-DSN-VPE20 Ident No.: 0030346	50	12	65	18	M10x 15	50



"VPE20 = 20 units per package"

chair castors	 wheel ø mm	 wheel width mm	 attachment mm	 load-carrying capacity kg
L-1305-P-50-2-10-VPE5 Ident No.: 0030326	50	12	10 x 30	50
L-1305-P-50-2-11-VPE5 Ident No.: 0030327	50	12	11 x 22	50
L-1305-P-50-2-M10-VPE5 Ident No.: 0030329	50	12	M10 x 13	50

Chair castors

Double castors in compliance with DIN 68131 for five-pointed office chairs.

Load-dependent brake complies with safety regulations. Impact resistant

Hard heel for soft floor surfaces



chair castors	 wheel ø mm	 wheel width mm	 attachment mm	 load-carrying capacity kg
L-1305-PR-50-2-10-VPE5 Ident No.: 0030324	50	12	10 x 30	50
L-1305-PR-50-2-11-VPE5 Ident No.: 0030325	50	12	11 x 22	50
L-1305-PR-50-2-M10-VPE5 Ident No.: 0030328	50	12	M10 x 13	50

Chair castors

Double castors in compliance with DIN 68131 for five-pointed office chairs.

Load-dependent brake complies with safety regulations. Impact resistant

Polyurethane wheel for hard floor surfaces



"VPE5 = 5 units per package"



Features:

- PAA wheel series:
- polyamide wheel body with plain bearing
- temperature resistance: -25° C to +80° C
- polyamide can absorb and release moisture

Properties:

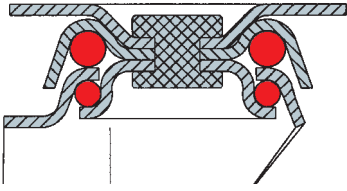
- excellent chemical resistance
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: GL)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAA-050-18-21-G08 Ident No.: 0016660	50	18	8	20.5	50
PAA-075-23-28-G08 Ident No.: 0016665	75	23	8	28	60
PAA-100-23-29-G08 Ident No.: 0016678	100	23	8	29	60

polyamide // apparatus castors, lightweight AL // up to 60 kg



Features:

- castor series AL, polyamide, plain bearing:
- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing
- wheels made of black polyamide with plain bearing
- (old designation: 1350)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole pattern from to mm	hole ø mm	load-carrying capacity kg
L-AL-PAA-050-G-3-VPE4 ID: 0030362	L-AL-PAA-050-G-3-DSN-VPE4 ID: 0030368	B-AL-PAA-050-G-VPE4 ID: 0030371	50	18	71	21	60 x 60	38x38 up to 46x46	6	40
L-AL-PAA-075-G-3-VPE4 ID: 0030363	L-AL-PAA-075-G-3-DSN-VPE4 ID: 0030369	B-AL-PAA-075-G-VPE4 ID: 0030372	75	23	101	25	60 x 60	38x38 up to 46x46	6	50
L-AL-PAA-100-G-3-VPE4 ID: 0030364	L-AL-PAA-100-G-3-DSN-VPE4 ID: 0030370	B-AL-PAA-100-G-VPE4 ID: 0030373	100	23	122	32	60 x 60	38x38 up to 46x46	6	60



"VPE4 = 4 units per package"

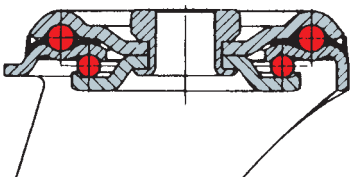


-1 (bolt hole)



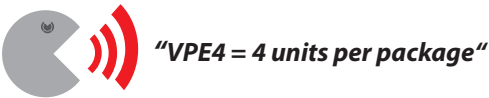
1-DSN (bolt hole+ double brake)

polyamide// apparatus castors, lightweight AL//up to 60 kg



Features:

- castor series AL, polyamide, plain bearing:
- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing
- wheels made of black polyamide with plain bearing
- (old designation: 1350)



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-AL-PAA-050-G-1-VPE4 ID: 0030359	L-AL-PAA-050-G-1-DSN-VPE4 ID: 0030365	50	18	71	21	10.2	40
L-AL-PAA-075-G-1-VPE4 ID: 0030360	L-AL-PAA-075-G-1-DSN-VPE4 ID: 0030366	75	23	101	25	10.2	50
L-AL-PAA-100-G-1-VPE4 ID: 0030361	L-AL-PAA-100-G-1-DSN-VPE4 ID: 0030367	100	23	122	32	10.2	60

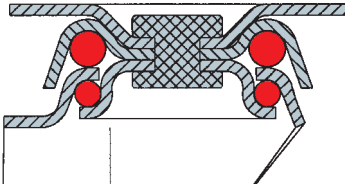


-3 (plate)



3-DSN (plate+ double brake)

polyamide// apparatus double castors AD// up to 100 kg



Features

- castor series AD, polyamide, plain bearing:
- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing
- polyamide wheels, plain bearing
- (old designation: 1365)



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 plate size mm	 hole pattern from to mm	 hole ø mm	 load-carrying capacity kg
L-AD-PAA-050-G-3 ID: 0010950	L-AD-PAA-050-G-3-DSN ID: 0010955	50	18	72	30	60 x 60	38x38 up to 46x46	6.2	80
L-AD-PAA-075-G-3 ID: 0010952	L-AD-PAA-075-G-3-DSN ID: 0010957	75	23	101	33	60 x 60	38x38 up to 46x46	6.2	100

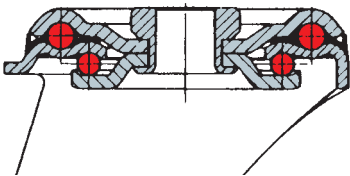


-1 (bolt hole)



1-DSN (bolt hole+ double brake)

polyamide// apparatus double castors AD // up to 100 kg



- Features:**
- castor series AD, polyamide, plain bearing:
 - lightweight, pressed steel sheet housing, galvanized
 - fork head with double ball bearing
 - polyamide wheels, plain bearing
 - (old designation: 1365)



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-AD-PAA-050-G-1 ID: 0010940	L-AD-PAA-050-G-1-DSN ID: 0010954	50	18	72	30	10.2	80
L-AD-PAA-075-G-1 ID: 0010951	L-AD-PAA-075-G-1-DSN ID: 0010956	75	23	98	33	10.2	100



-3 (plate)



3-DSN (plate+ double brake)



Features:

- TPGK wheel series:
- polypropylene wheel body with plain bearing
- temperature resistance: -20° C to +60° C
- thermoplastic rubber tread, grey, approx. 85° shore A

Properties:

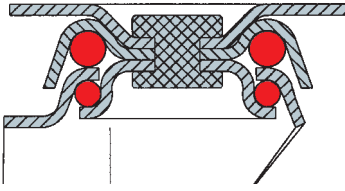
- runs quietly
- non-marking
- low rolling resistance
- (old designation: P and TPG)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
TPGK-050-18-22-G08 Ident No.: 0022478	50	18	8	21.5	40
TPGK-075-23-28-G08 Ident No.: 0022486	75	23	8	28	50
TPGK-100-23-29-G08 Ident No.: 0022495	100	23	8	29	65

thermoplastic// apparatus castors, lightweight AL// up to 65 kg



Features:

- castor series AL, thermo-plastic, plain bearing:
- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing
- wheels with thermoplastic tires and plain bearings
- (old designation: 1330)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole pattern from to mm	hole ø mm	load-carrying capacity kg
L-AL-TPGK-050-G-3-VPE4 ID: 0028119	L-AL-TPGK-050-G-3-DSN-VPE4 ID: 0028123	B-AL-TPGK-050-G-VPE4 ID: 0028125	50	18	71	21	60 x 60	38x38 up to 46x46	6.2	40
L-AL-TPGK-075-G-3-VPE4 ID: 0028120	L-AL-TPGK-075-G-3-DSN-VPE4 ID: 0028124	B-AL-TPGK-075-G-VPE4 ID: 0028126	75	23	101	25	60 x 60	38x38 up to 46x46	6.2	50
L-AL-TPGK-100-G-3-VPE4 ID: 0030350	L-AL-TPGK-100-G-3-DSN-VPE4 ID: 0030352	B-AL-TPGK-100-G-VPE4 ID: 0030353	100	23	122	32	60 x 60	38x38 up to 46x46	6.2	65



"VPE4 = 4 units per package"

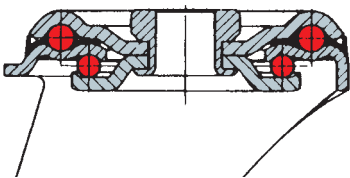


-1 (bolt hole)



1-DSN (bolt hole+ double brake)

thermoplastic // apparatus castors, lightweight AL // up to 65 kg



Features:

- castor series AL, thermo-plastic, plain bearing:
- Lightweight, pressed steel sheet housing, galvanized
- Fork head with double ball bearing
- wheels with thermoplastic tires and plain bearings
- (old designation: 1330)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-AL-TPGK-050-G-1-VPE4 ID: 0028117	L-AL-TPGK-050-G-1-DSN-VPE4 ID: 0028121	50	18	71	21	10.2	40
L-AL-TPGK-075-G-1-VPE4 ID: 0028118	L-AL-TPGK-075-G-1-DSN-VPE4 ID: 0028122	75	23	101	25	10.2	50
L-AL-TPGK-100-G-1-VPE4 ID: 0030349	L-AL-TPGK-100-G-1-DSN-VPE4 ID: 0030351	100	23	122	32	10.2	60



“VPE4 = 4 units per package”

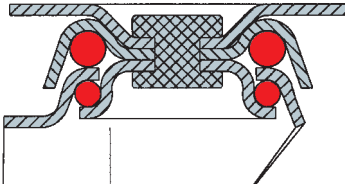


-3 (plate)



3-DSN (plate+ double brake)

thermoplastic // apparatus double castors AD // up to 100 kg



Features:

- castor series AD, thermoplastic, plain bearings:
- Lightweight, pressed steel sheet housing, galvanized
- Fork head with double ball bearing
- wheels with thermoplastic tires and plain bearings
- (old designation: 1362)



swivel castors	swivel castors with double brake								
		wheel ø mm	wheel width mm	height mm	projection, swivel ca- stor mm	plate size mm	hole pat- tern from to mm	bolt hole ø mm	load- carrying capacity kg
L-AD-TPGK-050-G-3 ID: 0010864	L-AD-TPGK-050-G-3-DSN ID: 0010936	50	18	72	30	60 x 60	38x38 up to 46x46	6.2	80
L-AD-TPGK-075-G-3 ID: 0010927	L-AD-TPGK-075-G-3-DSN ID: 0010939	75	23	101	33	60 x 60	38x38 up to 46x46	6.2	100

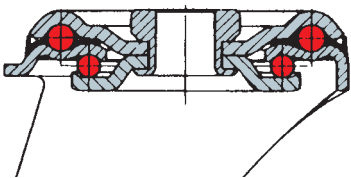


-1 (bolt hole)



1-DSN (bolt hole+
double brake)

thermoplastic // apparatus double castors AD // up to 100 kg



Features:

- castor series AD, thermoplastic, plain bearings:
- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing
- wheels with thermoplastic tires and plain bearings
- (old designation: 1362)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-AD-TPGK-050-G-1 ID: 0010862	L-AD-TPGK-050-G-1-DSN ID: 0010930	50	18	72	30	10	80
L-AD-TPGK-075-G-1 ID: 0010924	L-AD-TPGK-075-G-1-DSN ID: 0010941	75	23	98	33	10	100



-3 (plate)



3-DSN (plate+ double brake)



Features:

- TPBK wheel series:
- polypropylene wheel body with ball bearing
- temperature resistance: -20° C to 60° C
- grey thermoplastic rubber tread, approx. 85° shore A
- with thread guards to protect the ball bearing from dust and dirt

Properties:

- runs quietly
- non-marking
- low rolling resistance
- (old designation: KO and TPK)

floors

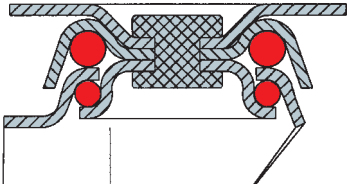


“This smooth-running series is innovative and inexpensive”

wheels
TPBK-050-19-23-K06 Ident No.: 0017259
TPBK-075-23-29-K06 Ident No.: 0017262
TPBK-100-26-30-K08 Ident No.: 0017265

 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
50	19	6	22.5	40
75	23	6	29	50
100	26	8	29.8	65

thermoplastic // apparatus castors, lightweight AL // up to 65 kg



Features:

- castor series AL, thermo-plastic, ball bearing:
- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing
- wheels with thermoplastic tires and ball bearings



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole pattern from to mm	hole ø mm	load-carrying capacity kg
L-AL-TPBK-050-K-3-VPE4 ID: 0028129	L-AL-TPBK-050-K-3-DSN-VPE4 ID: 0028133	B-AL-TPBK-050-K-VPE4 ID: 0028135	50	18	71	21	60 x 60	38x38 up to 46x46	6.2	40
L-AL-TPBK-075-K-3-VPE4 ID: 0028130	L-AL-TPBK-075-K-3-DSN-VPE4 ID: 0028134	B-AL-TPBK-075-K-VPE4 ID: 0028136	75	23	101	25	60 x 60	38x38 up to 46x46	6.2	50
L-AL-TPBK-100-K-3-VPE4 ID: 0030355	L-AL-TPBK-100-K-3-DSN-VPE4 ID: 0030357	B-AL-TPBK-100-K-VPE4 ID: 0030358	100	23	122	32	60 x 60	38x38 up to 46x46	6.2	65



"VPE4 = 4 units per package"

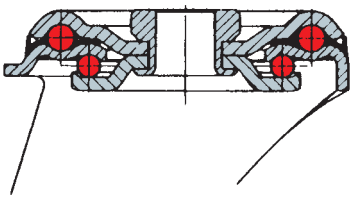


-1 (bolt hole)



1-DSN (bolt hole+ double brake)

thermoplastic // apparatus castors, lightweight AL // up to 65 kg



Features:

- castor series AL, thermo-plastic, ball bearing:
- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing
- wheels with thermoplastic tires and ball bearings
- (old designation: 1340)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-AL-TPBK-050-K-1-VPE4 ID: 0028127	L-AL-TPBK-050-K-1-DSN-VPE4 ID: 0028131	50	18	71	21	10.2	40
L-AL-TPBK-075-K-1-VPE4 ID: 0028128	L-AL-TPBK-075-K-1-DSN-VPE4 ID: 0028132	75	23	101	25	10.2	50
L-AL-TPBK-100-K-1-VPE4 ID: 0030354	L-AL-TPBK-100-K-1-DSN-VPE4 ID: 0030356	100	23	122	32	10.2	65



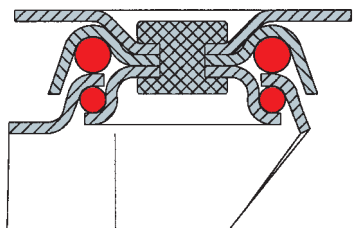
“VPE4 = 4 units per package”



-3 (plate)



3-DSN (plate+ double brake)



Features:

- castor series AD, thermo- plastic, ball bearing:
- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing
- wheels with thermoplastic tires and ball bearings
- (old designation: 1360)



									
swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel ca- stor mm	plate size mm	hole pat- tern from- to mm	hole ø mm	load- carrying capacity kg
L-AD-TPBK-050-K-3 ID: 0010776	L-AD-TPBK-050-K-3-DSN ID: 0010857	50	18	72	30	60 x 60	38x38 up to 46x46	6.2	70
L-AD-TPBK-075-K-3 ID: 0010853	L-AD-TPBK-075-K-3-DSN ID: 0010861	75	23	101	33	60 x 60	38x38 up to 46x46	6.2	100

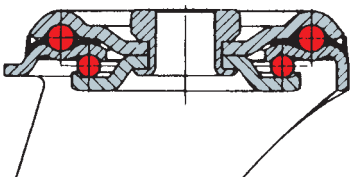


-1 (bolt hole)



1-DSN (bolt hole+ double brake)

thermoplastic // apparatus double castors AD // up to 100 kg



Features:

- castor series AD, thermo-plastic, ball bearing:
- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing
- wheels with thermoplastic tires and ball bearings
- (old designation: 1360)



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-AD-TPBK-050-K-1 ID: 0010774	L-AD-TPBK-050-K-1-DSN ID: 0010855	50	18	72	30	10.2	80
L-AD-TPBK-075-K-1 ID: 0010780	L-AD-TPBK-075-K-1-DSN ID: 0010860	75	23	98	33	10.2	100



-3 (plate)



3-DSN (plate+ double brake)



Features:

- TPGK wheel series:
- polypropylene wheel body with plain bearing
- temperature resistance: -20° C to +60° C
- thermoplastic rubber tread, grey, approx. 85° shore A

Properties:

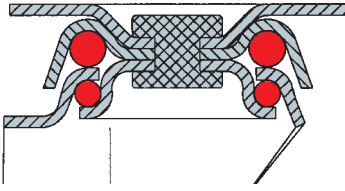
- runs quietly
- non-marking
- low rolling resistance
- (old designation: P and TPG)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
TPGK-080-31-37-G12 Ident No.: 0025262	80	31	12	36.5	70
TPGK-100-31-37-G12 Ident No.: 0025263	100	31	12	36.5	80
TPGK-125-31-37-G12 Ident No.: 0025264	125	31	12	36.5	100

thermoplastic // heavy apparatus castors AH // up to 110 kg



Features:

- castor series AH, thermo-plastic, plain bearing:
- heavy, pressed apparatus housing, galvanized
- fork head with double ball bearing
- wheels with thermoplastic tires and plain bearings
- (old designation: 1890/TPG)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole pattern from to mm	hole ø mm	load-carrying capacity kg
L-AH-TPGK-080-G-3 ID: 0030029	L-AH-TPGK-080-G-3-DSN ID: 0030035	B-AH-TPGK-080-G ID: 0030038	80	31	113	34	77 x 67	56-62 x 47-52	8.5	70
L-AH-TPGK-100-G-3 ID: 0030030	L-AH-TPGK-100-G-3-DSN ID: 0030036	B-AH-TPGK-100-G ID: 0030039	100	31	138	39	77 x 67	56-62 x 47-52	8.5	90
L-AH-TPGK-125-G-3 ID: 0030031	L-AH-TPGK-125-G-3-DSN ID: 0030037	B-AH-TPGK-125-G ID: 0030040	125	31	161	42	77 x 67	56-62 x 47-52	8.5	110



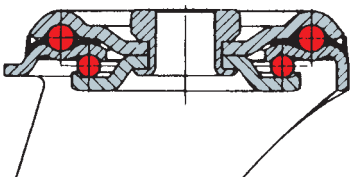
-1 (bolt hole)



1-DSN (bolt hole+ double brake)

Matching accessories can be found on page 432

thermoplastic // heavy apparatus castors AH // up to 110 kg



- Features:**
- castor series AH, thermo-plastic, plain bearing:
 - heavy, pressed apparatus housing, galvanized
 - fork head with double ball bearing
 - wheels with thermoplastic tires and plain bearings
 - (old designation: 1890/TPG)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-AH-TPGK-080-G-1 ID: 0030026	L-AH-TPGK-080-G-1-DSN ID: 0030032	80	31	110	34	12.2	70
L-AH-TPGK-100-G-1 ID: 0030027	L-AH-TPGK-100-G-1-DSN ID: 0030033	100	31	135	39	12.2	90
L-AH-TPGK-125-G-1 ID: 0030028	L-AH-TPGK-125-G-1-DSN ID: 0030034	125	31	159	42	12.2	110



-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432



Features:

- TPBK wheel series:
- polypropylene wheel body with ball bearing
- temperature resistance: -20° C to 60° C
- grey thermoplastic rubber tread, approx. 85° shore A
- with thread guards to protect the ball bearing from dust and dirt

Properties:

- runs quietly
- non-marking
- low rolling resistance
- (old designation: KO and TPK)

floors

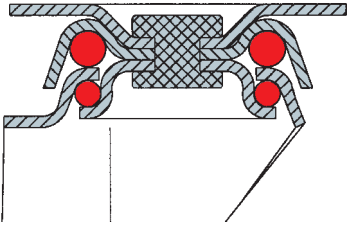


“This smooth-running series is innovative and inexpensive”

wheels
TPBK-080-31-37-K08 Ident-Nr.: 0025266
TPBK-100-31-37-K08 Ident-Nr.: 0025268
TPBK-125-31-37-K08 Ident-Nr.: 0025270

 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
80	31	8	36.5	70
100	31	8	36.5	80
125	31	8	36.5	100

thermoplastic // heavy apparatus castors AH // up to 110 kg



Features:

- AD castor series, thermo-plastic, ball bearings:
- heavy, pressed apparatus housing, galvanized
- fork head with double ball bearing
- wheels with thermo-plastic tires, thread guards and ball bearing
- (old designation: 1890/TPK)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole pattern from to mm	hole ø mm	load-carrying capacity kg
L-AH-TPBK-080-K-3 ID: 0030044	L-AH-TPBK-080-K-3-DSN ID: 0030050	B-AH-TPBK-080-K ID: 0030053	80	31	113	34	77 x 67	56-62 x 47-52	8.5	70
L-AH-TPBK-100-K-3 ID: 0030045	L-AH-TPBK-100-K-3-DSN ID: 0030051	B-AH-TPBK-100-K ID: 0030054	100	31	138	39	77 x 67	56-62 x 47-52	8.5	90
L-AH-TPBK-125-K-3 ID: 0030046	L-AH-TPBK-125-K-3-DSN ID: 0030052	B-AH-TPBK-125-K ID: 0030055	125	31	161	42	77 x 67	56-62 x 47-52	8.5	110



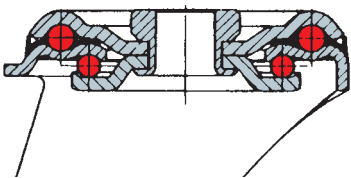
-1 (bolt hole)



1-DSN (bolt hole+ double brake)

Matching accessories can be found on page 432

thermoplastic // heavy apparatus castors AH // up to 110 kg



- Features:**
- AD castor series, thermo-plastic, ball bearings:
 - heavy, pressed apparatus housing, galvanized
 - fork head with double ball bearing
 - wheels with thermo-plastic tires, thread guards and ball bearing
 - (old designation: 1890/TPK)



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 bolt hole ø mm	 load-carrying capacity kg
L-AH-TBPK-080-K-1 ID: 0030041	L-AH-TPBK-080-K-1-DSN ID: 0030047	80	31	110	34	12.2	70
L-AH-TPBK-100-K-1 ID: 0030042	L-AH-TPBK-100-K-1-DSN ID: 0030048	100	31	135	39	12.2	90
L-AH-TPBK-125-K-1 ID: 0030043	L-AH-TPBK-125-K-1-DSN ID: 0030049	125	31	159	42	12.2	110



-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432



Features:

- PUBK wheel series:
- polyamide 6 wheel body with ball bearing
- polyurethane tread, approx. 95° shore A
- with thread guards to protect the ball bearing from dust and dirt

Properties:

- high load capacity
- low abrasion, non-marking, low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- (old designation: PSK)

floors

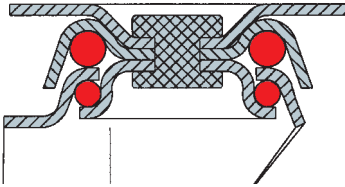


 *"We can also deliver customized lengths to match your requirements"*

wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PUBK-080-31-37-K08 Ident No.: 0025267	80	31	8	36.5	70
PUBK-100-31-37-K08 Ident No.: 0025269	100	31	8	36.5	80
PUBK-125-31-37-K08 Ident No.: 0025271	125	31	8	36.5	100

polyurethane // heavy apparatus castors AH // up to 110 kg

new
series



Features:

- castor series AH, polyurethane, ball bearing:
- heavy, pressed apparatus housing, galvanized
- fork head with double ball bearing
- wheels with polyurethane tires, thread guards and ball bearing
- (old designation: 1890/TPK)



swivel castors	swivel castors with double brake	fixed castors	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
L-AH-PUBK-080-K-3 ID: 0030059	L-AH-PUBK-080-K-3-DSN ID: 0030065	B-AH-PUBK-080-K ID: 0030068	80	31	113	34	77 x 67	56 x 47	8.5	70
L-AH-PUBK-100-K-3 ID: 0030060	L-AH-PUBK-100-K-3-DSN ID: 0030066	B-AH-PUBK-100-K ID: 0030069	100	31	138	39	77 x 67	56 x 47	8.5	90
L-AH-PUBK-125-K-3 ID: 0030061	L-AH-PUBK-125-K-3-DSN ID: 0030067	B-AH-PUBK-125-K ID: 0030070	125	31	161	42	77 x 67	56 x 47	8.5	110



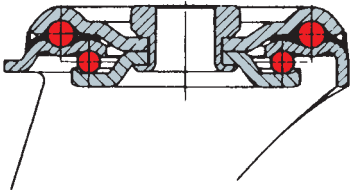
-1 (bolt hole)



1-DSN (bolt hole+
double brake)

Matching accessories can be found on page 432

polyurethane // heavy apparatus castors AH // up to 110 kg



- Features:**
- castor series AH, polyurethane, ball bearing:
 - heavy, pressed apparatus housing, galvanized
 - fork head with double ball bearing
 - wheels with polyurethane tires, thread guards and ball bearing
 - (old designation: 1890/TPK)



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-AH-PUBK-080-K-1 ID: 0030056	L-AH-PUBK-080-K-1-DSN ID: 0030062	80	31	110	34	12.2	70
L-AH-PUBK-100-K-1 ID: 0030057	L-AH-PUBK-100-K-1-DSN ID: 0030063	100	31	135	39	12.2	90
L-AH-PUBK-125-K-1 ID: 0030058	L-AH-PUBK-125-K-1-DSN ID: 0030064	125	31	159	42	12.2	110



-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432

fixed box castors

B-1230-13-VPE30
Ident No.: 0028112



wheel
ø
mm

wheel
width
mm

height
mm

projec-
tion,
swivel
castor
mm

plate
size
mm

hole
spacing
mm

bolt
hole ø
mm

load-
carrying
capa-
city
kg

13

14

12

12

26

20 x 2

2.4

15

fixed box castors

Fixed box castors:
Lightweight, pressed
steel sheet housing,
galvanized

riveted wheels



fixed box castors

B-1240-15-VPE30
Ident No.: 0030337



wheel ø
mm

plate size
mm

hole spacing
mm

load-carrying
capacity
kg

15

30 x 16

21

20

B-1240-25-VPE30
Ident No.: 0028113

25

41 x 18

30

20

B-1240-32-VPE20
Ident No.: 0030339

32

52 x 25

39

40

B-1240-38-VPE20
Ident No.: 0028114

38

68 x 24

54

40

B-1240-45-VPE20
Ident No.: 0030340

45

68 x 24

54

45

B-1240-50-VPE20
Ident No.: 0028115

50

68 x 24

54

50

B-1240-30-SOFT-VPE30
Ident No.: 0030341

30

46 x 20

35

35

B-1240-50-SOFT-VPE30
Ident No.: 0030342

50

68 x 25

54

50

fixed box castors

Fixed box castors:
Lightweight, pressed
steel sheet housing,
galvanized

riveted wheels



fixed box castors

B-1245-30-VPE30
Ident No.: 0028116

wheel ø
mm

wheel
width
mm

height
mm

projection,
swivel
castor
mm

plate size
mm

hole
spacing
mm

load-
carrying
capacity
kg

30

14

32

52 x 24

40

35

fixed box castors

Fixed box castors:
Lightweight, pressed
steel sheet housing,
galvanized

riveted wheels



"VPE30 = 30 units per package"

castors // with grey rubber ball

apparatus castors with bolt hole



Castor series 1321:
lightweight, pressed
steel sheet housing,
chrome plated

Fork head with
double ball bearing

swivel castors

						
	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load- carrying capacity kg
L-1321-30-1 Ident No.: 0010292	30	30	47	15	8.5	25
L-1321-40-1 Ident No.: 0010295	40	40	57	16	10	40
L-1321-50-1 Ident No.: 0010298	50	50	67	18	10	50

apparatus castors with set screw



Castor series 1321:
lightweight, pressed
steel sheet housing,
chrome plated

Fork head with
double ball bearing

swivel castors

						
	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	pin size mm	load- carrying capacity kg
L-1321-30-2 Ident No.: 0010293	30	30	52	15	M10x15	25
L-1321-40-2 Ident No.: 0010296	40	40	62	16	M10x15	40
L-1321-50-2 Ident No.: 0010299	50	50	72	18	M10x15	50

apparatus castors with plate



Castor series 1321:
lightweight, pressed
steel sheet housing,
chrome plated

Fork head with
double ball bearing

swivel castors

								
	wheel ø mm	wheel width mm	height mm	projec- tion, swivel castor mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capa- city kg
L-1321-30-3 Ident No.: 0010294	30	30	46.5	15	40 x 40	27 x 27	5.1	25
L-1321-40-3 Ident No.: 0010297	40	40	59.5	16	40 x 40	27 x 27	5.1	40
L-1321-50-3 Ident No.: 0010300	50	50	69	18	47 x 47	35 x 35	5.8	50

ladder castors						
	wheel ø mm	wheel width mm	plate size mm	hole spacing mm	hole ø mm	load- carrying capacity kg
B-1260-50-BOCK Ident No.: 0010222	50	18	59.5 x 48	38 x 22.5	5.3	17
L-1265-50-LENK Ident No.: 0010223	50	18	59.5 x 48	38 x 22.5	5.3	17

ladder castors

Spring-loaded locking castors for ladders: they lower down when under pressure so that the ladder bars are pressed onto the ground. Approx. 15 kg. total spring load.



castors for glass cutting tables				load-carrying capacity kg
	wheel ø mm	height mm	pin size mm	
L-1,250-SG-35 Ident No.: 0010215	35	53	M14x44	15
L-1,250-SG-35-LINKS Ident No.: 0035353	35	53	M14x44	15
L-1,250-SG-50 Ident No.: 0010216	50	53	M14x44	20
L-1,250-SG-50-LINKS Ident No.: 0038376	50	69	M14x44	20
L-1,250-SG-50-VA Ident No.: 0038992	50	69	M14x44	20

castors for glass cutting tables rubber

With black rubber ball version for retractable glass cutting tables



castors for glass cutting tables				load-carrying capacity kg
	wheel ø mm	height mm	pin size mm	
L-1,250-PU-35 Ident No.: 0010217	35	53	M14x44	15
L-1,250-PU-50 Ident No.: 0010218	50	69	M14x44	20

castors for glass cutting tables polyurethane

With polyurethane ball version for retractable glass cutting tables



thermoplastic // plastic apparatus castors // up to 100 kg



Features:

- castor series KA:
- a high-quality alternative to metal housing
- the precision deep-groove ball bearing in the fork head provides for outstanding pivoting characteristics.
- minimal weight
- attractive appearance



swivel castors	swivel castors with double brake	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 plate size mm	 hole pattern from to mm	 hole ø mm	 load-carrying capacity kg
L-KA-TPAK-100-K-3 ID: 0040555	L-KA-TPAK-100-K-3-DSN ID: 0040556	100	32	140	42	77 x 67	61 x 51	8	100
L-KA-TPAK-100-K-3-GP ID: 0040557	L-KA-TPAK-100-K-3-DSN-GP ID: 0040558	100	32	140	42	95 x 70	75 x 50	10	100
L-KA-TPAK-125-K-3 ID: 0040560	L-KA-TPAK-125-K-3-DSN ID: 0040561	125	32	166	46	77 x 67	61 x 51	8	100
L-KA-TPAK-125-K-3-GP ID: 0011180	L-KA-TPAK-125-K-3-DSN-GP ID: 0040548	125	32	166	46	95 x 70	75 x 50	10	100

Features:

- castor series KA:
- a high-quality alternative to metal housing
- the precision deep-groove ball bearing in the fork head provides for outstanding pivoting characteristics.
- minimal weight
- attractive appearance



swivel castors	swivel castors with double brake	wheel ø mm	wheel width mm	height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
L-KA-TPAK-100-K-1 ID: 0040553	L-KA-TPAK-100-K-1-DSN ID: 0040554	100	32	135	42	12	100
L-KA-TPAK-125-K-1 ID: 0040559	L-KA-TPAK-125-K-1-DSN ID: 0040547	125	32	161	46	12	100



thermoplastic // plastic apparatus castors // up to 100 kg



- Features:**
- castor series KA:
 - a high-quality alternative to metal housing
 - the precision deep-groove ball bearing in the fork head provides for outstanding pivoting characteristics.
 - minimal weight
 - attractive appearance



swivel castors	fixed castors	 wheel ø mm	 wheel width mm	 height mm	 projection, swivel castor mm	 plate size mm	 hole spacing mm	 hole ø mm	 load- carrying capacity kg
L-KU-TPBK-100-K-3-VA ID: 0038271	B-KU-TPBK-100-K-3-VA ID: 0038415	100	31	130	35	105 x 80	80 x 60	9	100

SPECIAL APPLICATIONS



SERIES	drive wheels	locking castors	guide rollers, with and without threaded bolts	lift truck castors and wheel	lamellar wheel, pressure rollers	Door and gate rollers
LOAD- CARRYING CAPACITY	up to 10,000 kg	up to 1,200 kg	up to 270 kg	up to 1,300 kg	keine Angabe	up to 800 kg
WHEEL-Ø	50 mm - 645 mm	42 mm - 60 mm	25 mm - 100 mm	50 mm - 90 mm 140 mm - 200 mm	42 mm - 200 mm	45 mm - 160 mm
MATERIAL/ TIRES	elastic- solid rubber, Vulkollan®	polyamide	polyamide, steel,0 polyurethane, Vulkollan®	elastic solid rub- ber, polyurethane, elastic polyure- thane, Vulkollan®, polyamide	elastic- polyurethane, from 50° Shore A	polyamide, steel, cast iron, stainless steel
VERSION	with groove according to DIN 6885, flange or clamping bushes	Adjustable height, with aluminum or cast housing	Injection-molded ball bearing, also with steel core variants	as load wheels and running wheels	through hole, ball bearing	semicircular or angular groove, with or without bracket, with or without axle
PAGES	372	378	381	388	400	402



	pulleys	flanged wheels and double flanged wheels	elastic solid rubber press-on tires	Vulkollan® and polyurethane press-on tires
	up to 410 kg	up to 4,000 kg	up to 4,700 kg	up to 11,000 kg
	30 mm - 160 mm	50 mm - 250 mm	100 mm - 645 mm	100 mm – 645 mm
	polyamide, steel, cast iron, stainless steel	grey cast iron, steel, stainless steel	elastic solid rubber	Vulkollan®, polyurethane
	semicircular groove, plain, roller or ball bearing	conical or cylindrical tread, plain bearing, ball bearing, with fit and groove	cylindrical or conical press-on foot, steel ring or wire mesh	cylindrical or conical press-on foot, steel ring, spherical or cylindrical tread
	408	412	422	427



Special applications

There are a variety of different wheels and castors available that meet the specific requirements of special applications. This product line includes sizes ranging from guide rollers with 25 mm ø to wheels for sewage treatment plants with 620 mm ø. An overview is provided in the following pages.

Special applications include

- 🌀 drive wheels
- 🌀 pressure rollers
- 🌀 locking castors
- 🌀 guide rollers
- 🌀 lift truck wheels and castors
- 🌀 pulleys
- 🌀 flanged wheels and double flanged wheels
- 🌀 door rollers and gate runner rollers

The range of options in this sector is quite wide; additional designs and dimensions for this range are available on request.

areas of use // floors





Vulkollan® for the most demanding requirements

the material Vulkollan® is a highly elastic, cross-linked polyurethane elastomer based on desmodur 15. It is characterized by its excellent wear resistance and durability. Vulkollan® has a high load capacity and is oil-resistant. Vulkollan® is particularly suitable for drive applications. re-coating services for your existing cores are available on request.

Properties

- ☞ high load capacity
- ☞ run quietly
- ☞ durable and abrasion-resistant
- ☞ resistant to cutting by metal chips
- ☞ resistant to oil and grease
- ☞ high elongation at breakage
- ☞ elastic ductility
- ☞ also available with hydrolysis protection
- ☞ (especially recommended for usage in high air humidity)
- ☞ resistant to UV radiation



Shore hardness

approx. 92° Shore A

Temperature range

Vulkollan® can be used from 20° C to 90° C.

Bearing types

- ☞ plain bearing (through hole)
- ☞ ball bearing
- ☞ precision bore and keyway groove

areas of use // floors



elastic heavy-duty wheels // series EGS // up to 4,700 kg



Description:

- running wheels and drive wheels
- wheel body with welded steel or cast iron construction
- rim with press-on hydraulic, steel wire reinforced or steel-ring press-on running wheels: featuring two precision ball bearings
- for drive wheels, the hubs are available with fit and feather key groove (according to DIN 6885). hub receptacles for clamping bushings are also an option



"Please follow the ordering example (page 374)"

order number	wheel ø mm	wheel width mm	rim-ø mm	hub ø mm	hub length mm	bore hole mm	weight kg	load- carrying capacity kg
EGS...	125	50	75	75	60	20/25	1.0	160
EGS...	150	50	100	57/60	60	20/25	1.2	225
EGS...	160	50	100	57/60	60	20/25	1.2	250
EGS...	180	50	120	60	60	25	1.3	325
EGS...	200	50	140	57/60	60	20/25	2.4	350
EGS...	200	75	100	60/70	85	25/30	4.0	500
EGS...	200	85	105	60/70/83	95	25/30/35	5.0	550
EGS...	230	50	170	60	60	25	4.0	400
EGS...	250	50	190	70	60	30	5.5	450
EGS...	250	60	190	60/70	70	25/30	5.5	525
EGS...	250	75	140	70	85	30	6.0	625
EGS...	250	80	170	60/70/83	90	25/30/35	5.5	675
EGS...	250	130	140	70/83/95	140	30/35/40	12.0	975
EGS...	260	60	170	70	70	30	5.5	575
EGS...	265	160	169	95/102	170	40/45/50	5.5/15.0	1,150

elastic heavy-duty wheels // series EGS // up to 4,700 kg

order number	wheel ø mm	wheel width mm	rim-ø mm	hub ø mm	hub length mm	bore hole mm	weight kg	load- carrying capacity kg
EGS...	270	105	170	76/83/95	115	30/35/40	8.0	900
EGS...	280	50	220	60/70	60	25/30	7.0	525
EGS...	280	60	190	60/70	70	25/30	6.0	575
EGS...	280	75	220	76	85	30	8.0	725
EGS...	300	75	220	76	85	30	8.0	750
EGS...	300	85	170	76/83	95	30/35	8.0	675
EGS...	300	90	203	76/83/95	100	30/35/40	10.0	900
EGS...	300	100	203	83/95	110	35/40	10.5	975
EGS...	310	60	220	70	70	30	9.0	650
EGS...	310	100	170	83/95	110	35/40	8.5	950
EGS...	310	120	220	95	130	40	12.0	1.050
EGS...	360	60	270	70/83/95	70	30/35/40	9.0	750
EGS...	360	75	270	70/83	85	30/35	9.5	950
EGS...	360	85	270	76/83	95	30/35	10.0	1.050
EGS...	400	65	305	76/83/95	75	30/35/40	15.0	900
EGS...	400	75	305	83	85	35	15.0	1,000
EGS...	405	130	305	95/107/121	140	40/45/50/55	23.0	1,500
EGS...	415	90	305	89/95	100	35/40	15.0	1,150
EGS...	415	100	305	95	110	40	16.0	1,250
EGS...	425	150	305	108/114	160	45/55	25.0	1.900
EGS...	455	100	305	83/95/108	110	35/40/45	23.0	1.350
EGS...	500	65	410	95	75	40	20.0	1,100
EGS...	500	85	370	89/95	95	35/40	22.0	1,300
EGS...	520	100	370	95/108	110	40/45/50	29.0	1,525
EGS...	540	200	410	140	210	65	60.0	3,270
EGS...	550	120	410	108	130	50	40.0	1,825
EGS...	550	160	410	133	170	60	60.0	2,250

Matching accessories can be found on page 432

elastic heavy-duty wheels // series EGS // up to 4,700 kg



Non-marking, oil-resistant or electrically conductive tires can be delivered on request. Drive wheels have a Shore hardness of approx. 69° Shore A, while running wheels have a hardness of approx. 67° Shore A.

The wheels are optionally available as either a fork wheel (with an axle opening on both sides) or as an end wheel (with a screw-on dust cap on one side). All of these wheel versions can, on request, be delivered with other holes and hub lengths.

Note:

For flanged wheels, the flange geometry must be specified according to the ordering example below:

Running wheel: EGS-310-60-70-K20

Drive wheel: EKS-310-60-70-P20-H7-groove

Flanged wheel: EGFS-310-60-4-10.5-85-25

(Number of mounting holes, screw hole $\varnothing$, pitch circle $\varnothing$, center hole $\varnothing$)

order number	wheel $\varnothing$ mm	wheel width mm	rim- $\varnothing$ mm	hub $\varnothing$ mm	hub length mm	bore hole mm	weight kg	load- carrying capacity kg
EGS...	560	100	410	95/108	110	40/45	38.0	1,600
EGS...	610	150	410	108/121	160	50/55	50.0	2,250
EGS...	620	200	410	108/140	210	55/65	67.0	3,000
EGS...	645	200	480	160	210	80	72.0	3,100
EGS...	645	250	410	160	260	80	85.0	3,700
EGS...	645	300	410	160	310	80	100.0	4,700



Features:

- VUAG and VUAS wheel series:
- wheel body made of special grey cast iron (the VUAG series)
- wheel body made of steel (the VUAS series)
- tread made of molded Vulkollan®, approx. 92° shore A, with precision bore and keyway groove in compliance with DIN 6885 for use as drive wheel

Properties:

- high load capacity
- excellent cut resistance
- excellent chemical resistance
- durable and abrasion-resistant
- UV resistance
- (old designation: VVA)

floors



driving wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub ø mm	 hub length mm	 load-carrying capacity kg
VUAS-100-25-17-P25-H7-PFN Ident No.: 0038404	100	25	25		17	240
VUAG-100-35-40-P32-H7-PFN Ident No.: 0036250	100	35	32		40	320
VUAS-100-40-40-P30-H7-PFN Ident No.: 0030852	100	40	30		40	360
VUAG-100-50-50-P20-H7-PFN Ident No.: 0035394	100	50	20		50	450
VUAS-100-50-50-P25-H7-PFN Ident No.: 0017644	100	50	25		50	450
VUAG-100-50-50-P35-H7-PFN Ident No.: 0034068	100	50	35		50	450
VUAS-125-40-40-P25-H7-PFN Ident No.: 0034009	125	40	25		40	340
VUAG-125-50-50-P30-H7-PFN Ident No.: 0032206	125	50	30	60	50	560
VUAG-125-50-50-P30-H7-PFN Ident No.: 0034863	125	50	30		50	350
VUAG-125-50-50-P35-H7-PFN Ident No.: 0017645	125	50	35	60	50	560
VUAG-150-50-50-P25-H7-PFN Ident No.: 0030840	150	50	25	61	50	650
VUAG-150-50-50-P30-H7-PFN Ident No.: 0032098	150	50	30	71	50	660
VUAG-150-50-50-P35-H7-PFN Ident No.: 0017646	150	50	35	61	50	660
VUAG-150-50-50-P40-H7-PFN Ident No.: 0031922	150	50	40		50	660
VUAG-150-50-50-P20-H7-PFN Ident No.: 0031355	150	50	20		50	650
VUAG-150-50-50-P45-H7-PFN Ident No.: 0037045	150	50	45	70	50	680

						
driving wheels	wheel ø mm	wheel width mm	axle hole ø mm	hub ø mm	hub length mm	load-carrying capacity kg
VUAS-160-50-38-P20-H7-PFN Ident No.: 0037632	160	50	20		38	730
VUAG-160-50-50-P24-H7-PFN Ident No.: 0032097	160	50	24	61	50	730
VUAG-160-50-50-P25-H7-PFN Ident No.: 0036990	160	50	25	61	50	700
VUAG-160-50-50-P30-H7-PFN Ident No.: 0032847	160	50	30	61	50	730
VUAG-160-50-50-P35-H7-PFN Ident No.: 0017647	160	50	35	60	50	720
VUAG-180-55-60-P30-H7-PFN Ident No.: 0031816	180	55	30	63	60	900
VUAG-180-55-60-P25-H7-PFN Ident No.: 0036016	180	55	25	63	60	900
VUAG-180-60-60-P35-H7-PFN Ident No.: 0017648	180	60	35	65	60	800
VUAS-200-38-40-P20-H7-PFN Ident No.: 0032317	200	38	20		40	690
VUAS-200-50-50-P30-H7-PFN Ident No.: 0032265	200	50	30		50	800
VUAG-200-50-60-P35-H7-PFN Ident No.: 0017649	200	50	35	65	60	1,000
VUAG-200-80-80-P50-H7-PFN Ident No.: 0017650	200	80	50	75	80	1,200
VUAG-200-80-80-P35-H7-PFN Ident No.: 0038281	200	80	35		80	1,400
VUAS-200-100-100-P35-H7-PFN Ident No.: 0039960	200	100	35		100	1,800
VUAG-250-50-60-P50-H7-PFN Ident No.: 0017651	250	50	50	90	60	1,100
VUAG-250-50-60-P23-H7-PFN Ident No.: 0032377	250	50	23		60	900
VUAG-250-50-50-P40-H7-PFN Ident No.: 0038625	250	50	40		50	1,100
VUAG-250-50-60-P40-H7-PFN8 Ident No.: 0036112	250	50	40	90	60	1,140
VUAG-250-50-60-P62-H7-PFN Ident No.: 0035682	250	50	62	83	60	900
VUAG-250-80-80-P40-H7-PFN Ident No.: 0031340	250	80	40		80	1,800
VUAG-250-80-80-P50-H7-PFN Ident No.: 0017652	250	80	50	102	80	1,700
VUAS-250-100-100-P50-H7-PFN Ident No.: 0031782	250	100	50		100	2,290
VUAG-300-60-65-P50-H7-PFN Ident No.: 0017653	300	60	50	82	65	1,600
VUAG-300-80-80-P40-H7-PFN Ident No.: 0032792	300	80	40	108	80	2,200
VUAS-400-125-125-P50-H7-PFN Ident No.: 0032671	400	125	50	78	125	4,580
VUAS-400-150-160-P75-H7-PFN Ident No.: 0031842	400	150	75	121	160	5,500
VUAS-500-150-150-P80-H7-PFN Ident No.: 0030968	500	150	80		150	5,700
VUAS-500-150-160-P70-H7-PFN Ident No.: 0034216	500	150	70	139	160	5,700

locking castors // up to 1,200 kg



Features:

- FSR plate
- polyamide 6 wheels with plain bearing
- resistant to fracturing even at heavy loads

Series FSR50-600

- housing made of power-coated aluminum
- fastening components are made from C45
- locking foot made of
- aluminum/rubber

Series FSR800-1300

- housing made of cast iron
- locking foot made of steel/plastic

Series FSR RF

- height is not adjustable
- with wheel brake

locking castors									
	wheel ø mm	wheel width mm	installation height, rolling mm	extended installation height mm	projecti- on, swivel castor mm	plate size mm	hole spacing mm	bolt hole ø mm	load- carrying capacity kg
FSR-300-3 ID: 0016579	50	22	83	95	60	73 x 73	58 x 58	6.5	170
FSR-600-3 ID: 0016581	63	29	102	117	83.5	90 x 90	70 x 70	9	340
FSR-RF-600-3 ID: 0029635	60	55	90		25	90 x 90	70 x 70	9.5	540
FSR-RF-800-3 ID: 0029636	75	55	108		25	90 x 90	70 x 70	9.5	670
FSR-1000-3 ID: 0016574	72	31	120	138	90	95 x 95	70 x 70	11	540
FSR-RF-1000-3 ID: 0029637	75	55	110	160	65.5	95 x 95	70 x 70	9.5	670
FSR-1300-3 ID: 0016576	72	31	121	139	89.5	95 x 95	70 x 70	11	670
FSR-1800-3 ID: 0016577	92	54	130	155	115	100 x 100	70 x 70	13	1,000

Features:

- polyamide 6 wheels with plain bearing
- bolt hole (inner thread)

Series FSR50-600

- housing made of power-coated aluminum
- fastening components are made from C45
- locking foot made of
- aluminum/rubber

Series FSR800-1 300

- housing made of cast iron
- locking foot made of steel/plastic



locking castors							
	wheel ø mm	wheel width mm	installation height, rolling mm	extended instal- lation height mm	projection, swivel castor mm	bolt hole ø mm	load-carrying capacity kg
FSR-050-1 ID: 0016572	42	18	71	81	50	IGM 8 x 12	35
FSR-300-1 ID: 0016578	50	25	83	95	60	IGM 12 x 15	170
FSR-600-1 ID: 0016580	63	33	102	117	83.5	IGM 12 x 15	340
FSR-1000-1 ID: 0016573	72	34	120	138	90	IGM 16 x 16	540
FSR-1300-1 ID: 0016575	72	34	121	139	89.5	IGM 16 x 16	670

guide rollers // 594, 595 and CF

guide rollers for sliding doors



These very stable guide rollers are made of steel with ball bearing and spherical tread

guide rollers	 wheel ø mm	 wheel width mm	 total length mm	 thread	 load-carrying capacity kg
595-048 Ident No.: 0013469	48	30	35	M16	200
595-100 Ident No.: 0013470	100	40	50	M24	750

guide rollers for sliding doors



These very stable guide rollers are made of polyamide with plain bearing and spherical tread

guide rollers	 wheel ø mm	 wheel width mm	 total length mm	 thread	 load-carrying capacity kg
594-048 Ident No.: 0013468	48	40	52	M20	125
CF-231-52 Ident No.: 0026854	52	47.5	47	M16	125

guide rollers for sliding doors



These guide rollers are made of polyamide with plain bearing and cylindrical tread

guide rollers	 wheel ø mm	 wheel width mm	 total length mm	 thread	 load-carrying capacity kg
CF-243-25 Ident No.: 0026855	25	30	72	M12	70
CF-243-30 Ident No.: 0026856	30	30	75.5	M14	75
CF-243-40 Ident No.: 0026857	40	30	75.5	M14	80

guide rollers Inox



These guide rollers are made of polyamide with cylindrical tread and stainless steel bolts

guide rollers	 wheel ø mm	 wheel width mm	 total length mm	 thread	 load-carrying capacity kg
CF-230I-30 Ident No.: 0026903	30	43	40	M16	75
CF-230I-40 Ident No.: 0026904	40	56	58	M16	80

Features:

- PAFO wheel series:
- wheel body made of molded polyamide 6
- encapsulated deep-groove ball bearing
- the surfaces are available in different designs (such as spherical or cylindrical).
- (old designation: PO)

24 hours
delivery



*"Many other sizes available
on request"*

guide castors	 wheel ø mm	 wheel width mm	 axle hole ø mm	 ball bearing	 hub length mm	 load-carrying capacity kg
PAFO-030-11-7-K08 Ident No.: 0022675	30	11	8	608-2Z	7	40
PAFO-038-28-10-K12 Ident No.: 0022682	38	28	12	6201-RS	10	80
PAFO-038-38-10-K12 Ident No.: 0022683	38	38	12	6201-RS	10	80
PAFO-040-16-9-K15 Ident No.: 0033672	40	16	15	6002-2RS	9	120
PAFO-042-14-10-K12 Ident No.: 0022684	42	14	12	6201-RS	10	70
PAFO-042-28-10-K12 Ident No.: 0022685	42	28	12	6201-RS	10	110
PAFO-042-38-10-K12 Ident No.: 0022686	42	38	12	6201-RS	10	130
PAFO-050-15-9-K10 Ident No.: 0022688	50	15	10	6200-RS	9	80
PAFO-050-15-8-K12 Ident No.: 0022689	50	15	12	6001-RS	8	80
PAFO-055-25-9-K15 Ident No.: 0022690	55	25	15	6002-RS	9	150
PAFO-060-30-13-K15 Ident No.: 0035523	60	30	15	6302-2RS	13	350
PAFO-070-25-14-K20 Ident No.: 0039206	70	25	20	6204-ZZ	14	200
PAFO-080-20-10-K12 Ident No.: 0022692	80	20	12	6201-RS	10	175
PAFO-080-20-12-K17 Ident No.: 0035249	80	20	17	6203-2RS	12	310



Features:

- FPRO wheel series
- wheel body made of molded polyurethane
- with deep-groove ball bearing
- approx. 95° shore A

Properties:

- runs quietly
- good damping properties
- available in spherical or cylindrical
- (old designation: TO)



"Many other sizes available on request"

guide castors	 wheel ø mm	 wheel width mm	 axle hole ø mm	 ball bearing	 hub length mm	 load-carrying capacity kg
FPRO-030-11-7-K08-ZZ Ident No.: 0025213	30	11	8	608-ZZ	7	40
FPRO-030-11-7-K08 Ident No.: 0030748	30	11	8	608-2RS	7	40
FPRO-038-28-10-K12 Ident No.: 0025214	38	28	12	6201-RS	10	80
FPRO-038-28-10-K12-ZZ Ident No.: 0039656	38	28	12	6201-ZZ	10	80
FPRO-038-38-10-K12 Ident No.: 0025215	38	38	12	6201-RS	10	80
FPRO-040-16-9-K15 Ident No.: 0033675	40	16	15	6002-2RS	9	55
FPRO-042-14-10-K12 Ident No.: 0025216	42	14	12	6201-RS	10	70
FPRO-042-28-10-K12 Ident No.: 0025217	42	28	12	6201-RS	10	110
FPRO-042-38-10-K12 Ident No.: 0025218	42	38	12	6201-RS	10	130
FPRO-050-15-9-K10 Ident No.: 0025219	50	15	10	6200-2RS	9	80
FPRO-050-15-9-K10-ZZ-braun Ident No.: 0035850	50	15	10	6200-ZZ	9	100
FPRO-050-15-8-K12 Ident No.: 0025220	50	15	12	6201-RS	8	80
FPRO-055-25-9-K15 Ident No.: 0025221	55	25	15	6002-RS	9	150
FPRO-057-20-12-K17-ZZ Ident No.: 0017770	57	20	17	6203-ZZ	12	135
FPRO-060-18-10-K12 Ident No.: 0030771	60	18	12	6201-2RS	10	90
FPRO-060-20-12-K17 Ident No.: 0031765	60	20	17	6203-2RS	12	95

						
guide castors	wheel ø mm	wheel width mm	axle hole ø mm	ball bearing	hub length mm	load-carrying capacity kg
FPRO-080-20-10-K12 Ident No.: 0025222	80	20	12	6201-RS	10	140
FPRO-080-20-14-K20 Ident No.: 0036294	80	20	20	6204-2RS	14	140
FPRO-080-25-15-K25-ZZ-braun Ident No.: 0033719	80	25	25	6205-ZZ	15	200
FPRO-080-25-15-K20 Ident No.: 0033917	80	20	20	6205-2RS	15	215
FPRO-080-27-14-K20 Ident No.: 0025223	80	27	20	6204-2RS	14	190



Features:

- FPVO wheel series:
- wheel made of molded polyurethane with ball bearing, approx. 59° shore D

Properties:

- runs quietly
- good damping properties
- (old designation: TOV)



"Many other sizes available on request"

guide castors	 wheel ø mm	 wheel width mm	 axle hole ø mm	 ball bearing	 hub length mm	 load-carrying capacity kg
FPVO-022-10-05-K05 Ident No.: 0030997	22	10	5	625-ZZ	5	18
FPVO-025-10-06-K06 Ident No.: 0028227	25	10	6	626-ZZ	6	20
FPVO-030-11-07-K08 Ident No.: 0028228	30	11	8	608-ZZ	7	22
FPVO-030-11-07-K09 Ident No.: 0028229	30	11	9	609-ZZ	7	22
FPVO-032-16-07-K08 Ident No.: 0028230	32	16	8	608-ZZ	7	44
FPVO-035-11-07-K08 Ident No.: 0028231	35	11	8	608-ZZ	7	40
FPVO-035-15-08-K10 Ident No.: 0028232	35	15	10	6000-ZZ	8	60
FPVO-038-11-07-K08 Ident No.: 0039109	38	11	8	608-ZZ	7	40
FPVO-040-14-09-K10 Ident No.: 0028233	40	14	10	6200-ZZ	9	70
FPVO-040-14-08-K12 Ident No.: 0028234	40	14	12	6001-ZZ	8	70
FPVO-040-20-09-K10 Ident No.: 0028235	40	20	10	6200-ZZ	9	90
FPVO-042-14-09-K15 Ident No.: 0028236	42	14	15	6002-ZZ	9	70
FPVO-045-15-08-K12 Ident No.: 0028237	45	15	12	6001-ZZ	8	80
FPVO-050-12-09-K15 Ident No.: 0040227	50	12	15	6002-ZZ	9	70
FPVO-050-15-07-K08 Ident No.: 0028238	50	15	8	608-ZZ	7	80
FPVO-050-15-09-K10 Ident No.: 0028239	50	15	10	6200-ZZ	9	100

						
guide castors	wheel ø mm	wheel width mm	axle hole ø mm	ball bearing	hub length mm	load-carrying capacity kg
FPVO-050-15-10-K12 Ident No.: 0028240	50	15	12	6201-ZZ	10	80
FPVO-050-18-09-K10 Ident No.: 0028241	50	18	10	6200-ZZ	9	100
FPVO-050-18-10-K12 Ident No.: 0028242	50	18	12	6201-ZZ	10	100
FPVO-050-18-10-K17 Ident No.: 0028243	50	18	17	6003-ZZ	10	110
FPVO-050-18-10-K17-2RS Ident No.: 0039631	50	18	17	6003-2RS	10	110
FPVO-050-25-10-K12 Ident No.: 0035017	50	25	12	6201-ZZ	10	115
FPVO-050-25-11-K15 Ident No.: 0028244	50	25	15	6202-ZZ	11	115
FPVO-055-20-10-K12 Ident No.: 0028245	55	20	12	6201-ZZ	10	115
FPVO-057-20-12-K17 Ident No.: 0028246	57	20	17	6203-ZZ	12	135
FPVO-060-15-09-K10 Ident No.: 0039506	60	15	10	6200-ZZ	9	110
FPVO-060-20-12-K20 Ident No.: 0028247	60	20	20	6004-ZZ	12	150
FPVO-060-20-12-K17 Ident No.: 0028248	60	20	17	6203-ZZ	12	150
FPVO-060-25-11-K15 Ident No.: 0028249	60	25	15	6202-ZZ	11	150
FPVO-060-25-12-K20 Ident No.: 0028250	60	25	20	6004-ZZ	12	150
FPVO-064-18-12-K17 Ident No.: 0033164	64	18	17	6203-2RS	12	150
FPVO-065-15-10-K12 Ident No.: 0037394	65	15	12	6201-ZZ	10	130
FPVO-070-17-12-K17 Ident No.: 0031185	70	17	17	6203-ZZ	12	80
FPVO-070-25-14-K20 Ident No.: 0031971	70	25	20	6204-ZZ	14	200
FPVO-080-25-15-K25 Ident No.: 0037329	80	25	25	6205-ZZ	15	215
FPVO-090-20-14-K17 Ident No.: 0036317	90	20	17	6303-ZZ	14	195
FPVO-100-25-25-K25 Ident No.: 0033820	100	25	25	6205-ZZ	15	260
FPVO-120-25-15-K25 Ident No.: 0038712	120	25	25	6205-ZZ	15	270



Features:

- FVUS wheel series:
- tread made of Vulkollan® with steel core and ball bearing, approx. 92° shore A

Properties:

- high load capacity
- cut resistance
- excellent chemical resistance
- durable and abrasion-resistant
- UV resistance
- (old designation: VUV)



"Many other sizes available on request"

guide castors	 wheel ø mm	 wheel width mm	 axle hole ø mm	 ball bearing	 hub length mm	 load-carrying capacity kg
FVUS-040-15-08-K10 Ident No.: 0033179	40	15	10	6000-ZZ	8	55
FVUS-042-20-08-K10 Ident No.: 0038882	42	20	10	6000-ZZ	8	70
FVUS-050-15-09-K10 Ident No.: 0028251	50	15	10	6000-ZZ	9	90
FVUS-050-18-04-K17 Ident No.: 0033181	50	18	17	6003-2RS	10	80
FVUS-055-20-10-K12 Ident No.: 0080956	55	20	12	6201-2RS	10	100
FVUS-055-25-11-K15 Ident No.: 0036028	55	25	15	6202-2RS	11	120
FVUS-060-18-18-K17 Ident No.: 0036992	60	18	17	6203-2RS	18	110
FVUS-060-20-12-K20 Ident No.: 0038103	60	20	20	6004-2RS	12	110
FVUS-068-28-14-K20 Ident No.: 0038875	68	28	20	6204-2RS	14	100
FVUS-070-25-11-K15 Ident No.: 0033253	70	25	15	6202-2RS	11	160
FVUS-070-25-14-K20 Ident No.: 0028252	70	25	20	6204-ZZ	14	150
FVUS-070-25-15-K25 Ident No.: 0035273	70	25	25	6205-2RS	15	150
FVUS-070-34-34-K20 Ident No.: 0039520	70	34	20	6204-ZZ	34	200
FVUS-070-36-36-K15 Ident No.: 0039239	70	36	15	6002-2RS	36	230
FVUS-080-25-15-K25 Ident No.: 0033177	80	25	25	6205-ZZ	15	180
FVUS-100-25-15-K25 Ident No.: 0036951	100	25	25	6205-2RS	15	225

polyamide // PAHU // up to 1100 kg



Features

- castor series PAHU:
- Made of polyamide 6 with ball bearing

Properties:

- resistant to fracturing even at heavy loads
- low rolling resistance
- excellent chemical resistance
- high load capacity
- run well on smooth floor surfaces
- maintenance-free
- (old designation: KN)



bore hole 17 mm	bore hole 20 mm	bore hole 25 mm	wheel ø mm	wheel width mm	axle hole ø mm	EL mm	load-carrying capacity kg
PAHU-080-60-K17 ID: 0012262	PAHU-080-60-K20 ID: 0012263	PAHU-080-60-K25 ID: 0012264	80	60	17/20/25	60	600
PAHU-080-74-K17 ID: 0012266	PAHU-080-74-K20 ID: 0012267	PAHU-080-74-K25 ID: 0012268	80	74	17/20/25	74	700
PAHU-082-54-K17 ID: 0012270	PAHU-082-54-K20 ID: 0012271	PAHU-082-54-K25 ID: 0012272	82	54	17/20/25	54	600
PAHU-082-60-K17 ID: 0012346	PAHU-082-60-K20 ID: 0012347	PAHU-082-60-K25 ID: 0012348	82	60	17/20/25	60	700
PAHU-082-70-K17 ID: 0012274	PAHU-082-70-K20 ID: 0012275	PAHU-082-70-K25 ID: 0012276	82	70	17/20/25	70	700
PAHU-082-72-K17 ID: 0012278	PAHU-082-72-K20 ID: 0012279	PAHU-082-72-K25 ID: 0012280	82	72	17/20/25	72	700
PAHU-082-80-K17 ID: 0012282	PAHU-082-80-K20 ID: 0012283	PAHU-082-80-K25 ID: 0012284	82	80	17/20/25	80	800
PAHU-082-84-K17 ID: 0012301	PAHU-082-84-K20 ID: 0012302	PAHU-082-84-K25 ID: 0012303	82	84	17/20/25	84	850
PAHU-082-88-K17 ID: 0012305	PAHU-082-88-K20 ID: 0012306	PAHU-082-88-K25 ID: 0012307	82	88	17/20/25	88	900
PAHU-082-91-K17 ID: 0012309	PAHU-082-91-K20 ID: 0012310	PAHU-082-91-K25 ID: 0012311	82	91	17/20/25	91	900
PAHU-082-93-K17 ID: 0012317	PAHU-082-93-K20 ID: 0012318	PAHU-082-93-K25 ID: 0012319	82	93	17/20/25	93	900
PAHU-082-95-K17 ID: 0012313	PAHU-082-95-K20 ID: 0012314	PAHU-082-95-K25 ID: 0012315	82	95	17/20/25	95	1,000
PAHU-082-100-K17 ID: 0012321	PAHU-082-100-K20 ID: 0012322	PAHU-082-100-K25 ID: 0012323	82	100	17/20/25	100	1,000

polyamide // PAHU // up to 1 100 kg



bore hole 17 mm	bore hole 20 mm	bore hole 25 mm	wheel ø mm	wheel width mm	axle hole ø mm	EL mm	load-carrying capacity kg
PAHU-085-60-K17 ID: 0017242	PAHU-085-60-K20 ID: 0017243	PAHU-085-60-K25 ID: 0012325	85	60	17/20/25	60	750
PAHU-085-70-K17 ID: 0012327	PAHU-085-70-K20 ID: 0012328	PAHU-085-70-K25 ID: 0012329	85	70	17/20/25	70	800
PAHU-085-80-K17 ID: 0012335	PAHU-085-80-K20 ID: 0012336	PAHU-085-80-K25 ID: 0012337	85	80	17/20/25	80	850
PAHU-085-90-K17 ID: 0012339	PAHU-085-90-K20 ID: 0012340	PAHU-085-90-K25 ID: 0012341	85	90	17/20/25	90	950
PAHU-085-100-K17 ID: 0017255	PAHU-085-100-K20 ID: 0012343	PAHU-085-100-K25 ID: 0012344	85	100	17/20/25	100	1100



***"Also available with ZV-ball bearing
and Niro-ball bearing"***

wheels // PAM-ball bearing



Features:

- PAM and PAH wheel series:
- polyamide 6 wheel body with ball bearing
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- (old designation: POKS and 820)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
PAM-200-50-60-K20 Ident No.: 0015407	200	50	20	60	1,000
PAM-200-50-60-K25 Ident No.: 0035765	200	50	25	60	1,000

Features:

- castor series PUHS:
- wheel bodies made of steel with ball bearings
- tread surface made of molded polyurethane, approx. 92° – 95° shore A

Properties:

- high load capacity
- low abrasion, without leaving a mark or trace
- impact-resistant, low rolling resistance
- excellent chemical resistance, resistant to oil and grease
- resistant to cutting by metal chips
- (old designation: VN)



"Also available with ZV-ball bearing and Niro-ball bearing"



bore hole 17 mm	bore hole 20 mm	bore hole 25 mm	wheel ø mm	wheel width mm	axle hole ø mm	EL mm	load-carrying capacity kg
PUHS-080-50-K17 ID: 0012350	PUHS-080-50-K20 ID: 0012351	PUHS-080-50-K25 ID: 0012352	80	50	17/20/25	50	400
PUHS-080-70-K17 ID: 0012354	PUHS-080-70-K20 ID: 0012355	PUHS-080-70-K25 ID: 0012356	80	70	17/20/25	70	450
PUHS-082-50-K17 ID: 0012358	PUHS-082-50-K20 ID: 0012359	PUHS-082-50-K25 ID: 0012360	82	50	17/20/25	50	350
PUHS-082-60-K17 ID: 0012362	PUHS-082-60-K20 ID: 0012363	PUHS-082-60-K25 ID: 0012364	82	60	17/20/25	60	450
PUHS-082-70-K17 ID: 0012366	PUHS-082-70-K20 ID: 0012367	PUHS-082-70-K25 ID: 0012368	82	70	17/20/25	70	500
PUHS-082-75-K17 ID: 0012370	PUHS-082-75-K20 ID: 0012371	PUHS-082-75-K25 ID: 0012372	82	75	17/20/25	75	525
PUHS-082-80-K17 ID: 0012374	PUHS-082-80-K20 ID: 0012375	PUHS-082-80-K25 ID: 0012376	82	80	17/20/25	80	600
PUHS-082-90-K17 ID: 0012378	PUHS-082-90-K20 ID: 0012379	PUHS-082-90-K25 ID: 0012380	82	90	17/20/25	90	650
PUHS-082-100-K17 ID: 0012382	PUHS-082-100-K20 ID: 0012383	PUHS-082-100-K25 ID: 0012384	82	100	17/20/25	100	700
PUHS-085-50-K17 ID: 0012386	PUHS-085-50-K20 ID: 0012387	PUHS-085-50-K25 ID: 0012388	85	50	17/20/25	50	350
PUHS-085-60-K17 ID: 0012390	PUHS-085-60-K20 ID: 0012391	PUHS-085-60-K25 ID: 0012392	85	60	17/20/25	60	450
PUHS-085-70-K17 ID: 0012394	PUHS-085-70-K20 ID: 0012395	PUHS-085-70-K25 ID: 0012396	85	70	17/20/25	70	550
PUHS-085-75-K17 ID: 0012398	PUHS-085-75-K20 ID: 0012399	PUHS-085-75-K25 ID: 0012400	85	75	17/20/25	75	575

polyurethane // PUHS // up to 900 kg



bore hole 17 mm	bore hole 20 mm	bore hole 25 mm	wheel ø mm	wheel width mm	axle hole ø mm	EL mm	load-carrying capacity kg
PUHS-085-80-K17 ID: 0012402	PUHS-085-80-K20 ID: 0012403	PUHS-085-80-K25 ID: 0012404	85	80	17/20/25	80	600
PUHS-085-90-K17 ID: 0012406	PUHS-085-90-K20 ID: 0012407	PUHS-085-90-K25 ID: 0012408	85	90	17/20/25	90	700
PUHS-085-100-K17 ID: 0012410	PUHS-085-100-K20 ID: 0012411	PUHS-085-100-K25 ID: 0012412	85	100	17/20/25	100	800
PUHS-085-110-K17 ID: 0012414	PUHS-085-110-K20 ID: 0012415	PUHS-085-110-K25 ID: 0012416	85	110	17/20/25	110	850
PUHS-085-120-K17 ID: 0012418	PUHS-085-120-K20-2RS ID: 0012419	PUHS-085-120-K25 ID: 0012420	85	120	17/20/25	120	900



Features:

- PUZA wheel series:
- die-cast aluminum wheel body with ball bearing
- tread made of molded polyurethane, approx. 92° shore A
- cylindrical tread

Properties:

- high load capacity
- low abrasion, non-marking, shock-resistant
- low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- (old designation: PA)



“low weight and high load-carrying capacity”

floors



wheels
PUZA-180-50-60-K20 Ident No.: 0031726
PUZA-200-50-60-K20 Ident No.: 0038443
PUZA-200-50-60-K25 Ident No.: 0022527

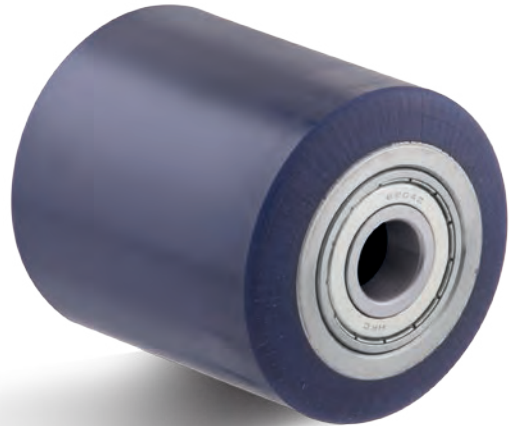
 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
180	50	20	60	600
200	50	20	60	700
200	50	25	60	700

Features:

- castor series EPHS:
- wheel bodies made of steel with ball bearings
- tread surface made of molded polyurethane, 78° shore A

Properties:

- high load capacity
- low rolling resistance
- without leaving a mark or trace
- runs quietly
- sturdy, shock-proof, vibration-damping
- (old designation: EPN)



bore hole 17 mm	bore hole 20 mm	bore hole 25 mm	wheel ø mm	wheel width mm	axle hole ø mm	el mm	load-carrying capacity kg
EPHS-082-70-K17 ID: 0012422	EPHS-082-70-K20 ID: 0012423	EPHS-082-70-K25 ID: 0012424	82	70	17/20/25	70	700
EPHS-082-90-K17 ID: 0012426	EPHS-082-90-K20 ID: 0012427	EPHS-082-90-K25 ID: 0012428	82	90	17/20/25	90	850
EPHS-082-100-K17 ID: 0012430	EPHS-082-100-K20 ID: 0012431	EPHS-082-100-K25 ID: 0012432	82	100	17/20/25	100	950
EPHS-085-70-K17 ID: 0012434	EPHS-085-70-K20 ID: 0012435	EPHS-085-70-K25 ID: 0012436	85	70	17/20/25	70	700
EPHS-085-90-K17 ID: 0012438	EPHS-085-90-K20 ID: 0012439	EPHS-085-90-K25 ID: 0012440	85	90	17/20/25	90	850
EPHS-085-100-K17 ID: 0012442	EPHS-085-100-K20 ID: 0012443	EPHS-085-100-K25 ID: 0012444	85	100	17/20/25	100	950



**“Also available with ZV-ball bearing
and Niro-ball bearing”**



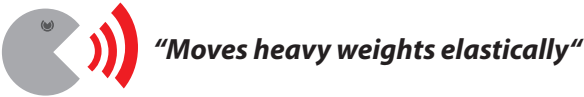
Features:

- EPUA wheel series
- die-cast aluminum wheel body with ball bearing
- tread surface made of molded polyurethane, 78° shore A

Properties:

- high load capacity
- low rolling resistance
- non-marking, runs quietly
- sturdy and shock-resistant
- absorbs vibration
- (old designation: EPA)

floors



wheels	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EPUA-180-50-60-K20 Ident No.: 0016064	180	50	20	60	500
EPUA-200-50-60-K20 Ident No.: 0016065	200	50	20	60	700

floors



solid & un-even/rough



solid & smooth/flat



solid & sensitive



soft & sensitive

Features:

- castor series VUHS:
- steel wheel body with ball bearings pressed in on both sides
- tread surface made of molded Vulkollan®, 92° shore A

Properties:

- high structural strength
- no permanent deformation under continuous load
- high load capacity, cut resistance
- excellent chemical resistance
- sturdy, resistant to abrasion and UV radiation
- (old designation: VVN)



"Many other sizes available on request"

lift truck rollers	 wheel ø mm	 wheel width mm	 EL mm	 axle hole ø mm	 load-carrying capacity kg
VUHS-070-70-K15 Ident No.: 0030817	70	70	70	15	350
VUHS-080-54-K20-EL60 Ident No.: 0017654	80	54	60	20	400
VUHS-082-66-K20-EL71 Ident No.: 0017671	82	66	71	20	480
VUHS-082-69-K20-EL62 Ident No.: 0017660	82	69	62	20	510
VUHS-082-72-K20-EL74 Ident No.: 0017662	82	72	74	20	540
VUHS-082-78-K20 Ident No.: 0017663	82	78	78	20	580
VUHS-082-75-K17-EL76 Ident No.: 0032641	82	75	76	17	580
VUHS-082-82-K25 Ident No.: 0017664	82	82	82	25	600
VUHS-082-89-K20-EL82 Ident No.: 0017665	82	89	82	20	670
VUHS-082-91-K20-EL95 Ident No.: 0017666	82	91	95	20	680
VUHS-082-100-K20-EL103 Ident No.: 0017667	82	100	103	20	750
VUHS-085-60-K20-EL64,8 Ident No.: 0017670	85	60	64.8	20	450
VUHS-085-70-K30-EL75 Ident No.: 0017673	85	70	75	30	500
VUHS-085-75-K30-EL80 Ident No.: 0017674	85	75	80	20	570
VUHS-085-75-K12-EL80 Ident No.: 0031492	85	75	80	12	550
VUHS-085-80-K25 Ident No.: 0031218	85	80	80	25	600

Vulkollan® // VUHS // up to 850 kg

					
lift truck rollers	wheel ø mm	wheel width mm	EL mm	axle hole ø mm	load-carrying capacity kg
VUHS-085-80-K20-EL85 Ident No.: 0017676	85	80	85	20	600
VUHS-085-80-K12-EL85 Ident No.: 0017677	85	80	85	12	600
VUHS-085-95-K20-EL100 Ident No.: 0017683	85	95	100	20	730
VUHS-085-100-K25-EL104 Ident No.: 0017685	85	100	104	25	770
VUHS-085-105-K25-EL110 Ident No.: 0017687	85	105	110	25	800
VUHS-085-110-K25-EL114,8 Ident No.: 0017688	85	110	114.8	25	850

floors



Features:

- EGA wheel series:
- die-cast aluminum wheel body with ball bearing
- tread surface made of elastic solid rubber, black, approx. 65° shore A

Properties:

- high elasticity with low rolling resistance
- runs quietly
- sturdy and shock-resistant
- absorbs vibration
- also available with grey wheels
- (old designation: F3)



“With special mounting dimensions for lifting trucks”

wheels	 wheel ø mm	 wheel width mm	EL mm	 axle hole ø mm	 hub length mm	 load-carrying capacity kg
EGA-180-50-60-K20 Ident No.: 0032795	180	50	60	20	60	400
EGA-180-50-60-K25 Ident No.: 0016396	180	50	60	25	60	400
EGA-180-50-60-K20-EL53 (-0/-7) Ident No.: 0037393	180	50	53	20	60	400
EGA-180-50-60-K20-EL50 (-0/-10) Ident No.: 0036053	180	50	50	20	60	400
EGA-200-50-60-K20 Ident No.: 0037761	200	50	60	20	60	400
EGA-200-50-60-K25 Ident No.: 0016404	200	50	60	25	60	400
EGA-200-50-50-K20-EL50 (-0/-5) Ident No.: 0040011	200	50	50	20	50	400
EGA-200-50-60-K20-EL50 (-0/-5) Ident No.: 0037621	200	50	50	20	60	400
EGA-200-50-60-K20-EL50 (-0/-10) Ident No.: 0030153	200	50	50	20	60	400
EGA-200-50-60-K25-EL50 (-0/-10) Ident No.: 0030155	200	50	50	25	60	400
EGA-200-50-60-K20-EL54 (-3/-3) Ident No.: 0030152	200	50	54	20	60	400
EGA-200-50-60-K25-EL40 (-10/-10) Ident No.: 0030154	200	50	40	25	60	400
EGA-200-50-60-K20-EL53 (-0/-7) Ident No.: 0037599	200	50	53	20	60	400
EGA-200-50-60-K25-EL50 (-0/-10) Ident No.: 0030156	200	50	50	25	60	400



Features:

- PULA pressure rollers
- made of extra soft polyurethane (approx. 50° – 55° shore A)
- especially suited for sensitive surfaces

Areas of use:

- as an upper pressure roller for guiding moving workpieces
- (such as wood, paper, cardboard or glass) during various work phases.
- for use as a gentle deflector roller at rod rotating facilities
- for use as a resilient tensioning roller at film reel facilities or winding stations
- for use as a shock absorber for protecting the conveyed goods



***"Many other sizes available
on request"***

pressure rollers	 wheel ø mm	 wheel width mm	 axle hole ø mm	shore A
PULA-100-45-B48 Ident No.: 0028181	100	45	48	55
PULA-100-22-B20 Ident No.: 0037402	100	22	20	55
PULA-102-22-B50,5-70A Ident No.: 0037712	102	22	50.5	70
PULA-125-30-B45 Ident No.: 0037181	125	30	45	55
PULA-165-50-B50 Ident No.: 0032318	165	50	50	55
PULA-180-65-B50 Ident No.: 0032966	180	65	50	55
PULA-200-35-B47 Ident No.: 0030839	200	35	47	55

door rollers // grey cast iron

door rollers



these door rollers are made from special grey cast iron with roller bearing, axle and edged groove

door rollers								
	wheel ø mm	wheel width mm	hub length mm	hub length mm	inner width of groove mm	outer width of groove mm	groove depth mm	load-carrying capacity kg
318-060 Ident No.: 0011928	60	16	23	6	8	5.5	M10x50	30
318-060S Ident No.: 0011929	60	28	36	13	15	6	M14x76	100
318-075 Ident No.: 0011932	75	19	28	9	11	8	M10x54	35
318-090 Ident No.: 0011933	90	20	32	9	11	8	M10x61	50
318-105 Ident No.: 0011934	105	22	34	11	13	9	M12x67	75
318-120 Ident No.: 0011935	120	22	39	11	13	9	M12x73	100
318-140 Ident No.: 0011936	140	27	47	14	17	10	M14x83	135
318-160 Ident No.: 0011937	160	26	45	14	17	10	M14x83	175

door rollers



these door rollers are made from special grey cast iron with roller bearing, edged groove and steel bracket, bracket galvanized

							
door rollers	wheel ø mm	wheel width mm	hub length mm	inner width of groove mm	outer width of groove mm	groove depth mm	load- carrying capacity kg
308-060 Ident No.: 0011882	60	16	23	6	8	5.5	30
308-060S Ident No.: 0011883	60	28	36	13	15	6	100
308-075 Ident No.: 0011884	75	19	28	9	11	8	35
308-090 Ident No.: 0011885	90	20	32	9	11	8	50
308-105 Ident No.: 0011886	105	22	34	11	13	9	75
308-120 Ident No.: 0011887	120	22	39	11	13	9	100
308-140 Ident No.: 0011888	140	27	47	14	17	10	135
308-160 Ident No.: 0011889	160	26	45	14	17	10	175

Matching accessories can be found on page 432

door rollers								load-carrying capacity kg
	wheel ø mm	wheel width mm	hub length mm	axle hole ø mm	inner width of groove mm	outer width of groove mm	groove depth mm	
F045-1 Ident No.: 0016339	45	29	29	8	20.4	24.1	8.5	45
F050-1 Ident No.: 0016340	50	16	16	12	10.6	13.7	8	35
F060-17KS30X19.5 Ident No.: 0016341	60	22.5	22.5		10.5	12.5	10	40
F100-1 Ident No.: 0016342	100	24	25	16	12.3	15.6	10	100
F122-1 Ident No.: 0016345	122	30	35	16	15	16	15	120

door rollers

these door rollers are made of polyamide, with plain bore and edged groove



track rollers // steel - edged groove

track rollers



the track rollers are made of galvanized steel with one ball bearing, edged groove and axle

track rollers								
	wheel ø mm	wheel width mm	hub length mm	axle mm	inner width of groove mm	outer width of groove mm	groove depth mm	load- carrying capacity kg
CF-300-50 Ident No.: 0026858	50	12	16	M8x30	6	6	4	70
CF-300-60 Ident No.: 0026859	60	16.5	24	M8x45	8	8	7	100
CF-300-80 Ident No.: 0026860	78	20	34	M14x70	8	8	8	200
CF-300-100 Ident No.: 0026861	98	21	34	M14x70	8	8	8	220
CF-300-120 Ident No.: 0039848	117	21	34	M14x70	8	8	8	240
CF-300-140 Ident No.: 0026862	137	25	44	M16x70	16	16	10	270
CF-300-160 Ident No.: 0026863	157	25	44	M16x70	16	16	10	290
CF-300-200 Ident No.: 0026864	197	25	44	M16x70	16	16	10	330

track rollers



the track rollers are made of galvanized steel with two ball bearing, edged groove and axle

track rollers								
	wheel ø mm	wheel width mm	hub length mm	axle mm	inner width of groove mm	outer width of groove mm	groove depth mm	load- carrying capacity kg
CF-305-100 Ident No.: 0026886	98	28	34	M14x70	16	16	10	425
CF-305-120 Ident No.: 0026866	117	28	34	M14x70	21	21	10	450
CF-305-160 Ident No.: 0026867	157	31	44	M16x70	21	21	10	575
CF-305-200 Ident No.: 0026868	197	31	44	M16x70	21	21	10	625

track rollers



the track rollers are made of galvanized steel with one ball bearing, edged groove and axle, can be lubricated

track rollers								
	wheel ø mm	wheel width mm	hub length mm	axle mm	inner width of groove mm	outer width of groove mm	groove depth mm	load- carrying capacity kg
CF-320-160 Ident No.: 0026869	157	31	44	M20x80	21	21	10	710
CF-320-200 Ident No.: 0026870	197	31	44	M20x80	21	21	10	750
CF-320-250 Ident No.: 0026871	247	34	54	M24x100	22	22	11	800

track rollers							
	wheel ø mm	wheel width mm	hub length mm	axle mm	groove radius mm	groove depth mm	load- carrying capacity kg
CF-310-50 Ident No.: 0026872	50	12	16	M8x30	4.5	4	70
CF-310-60 Ident No.: 0026873	60	16.5	24	M8x45	4.5	4	100
CF-310-70 Ident No.: 0032777	68	20	34	M14x70	8.5	7.5	190
CF-310-80 Ident No.: 0026874	78	20	34	M14x70	8.5	7.5	200
CF-310-100 Ident No.: 0026875	98	21	34	M14x70	8.5	7.5	220
CF-310-120B Ident No.: 0038569	120	32	44	M14x79	V-groove	12	500
CF-310-140 Ident No.: 0026876	137	25	44	M16x70	8.5	9.5	270
CF-310-160 Ident No.: 0026877	157	25	44	M16x70	10.3	9.5	290
CF-310-160B Ident No.: 0033562	160	32	45	M16x81	V-Nut	10	700
CF-310-200 Ident No.: 0026878	197	25	44	M16x70	10.3	9.5	330

track rollers

these track rollers are made of galvanized steel with one ball bearing, half round groove and axle



track rollers							
	wheel ø mm	wheel width mm	hub length mm	axle mm	groove radius mm	groove depth mm	load- carrying capacity kg
CF-315-100 Ident No.: 0026879	98	28	34	M14x70	10.5	9.5	425
CF-315-120 Ident No.: 0026880	117	28	34	M14x70	10.5	9.5	450
CF-315-160 Ident No.: 0026881	157	33	44	M16x70	11.5	9.5	575
CF-315-200 Ident No.: 0026882	197	33	44	M16x70	11.5	9.5	625

track rollers

these track rollers are made of galvanized steel with two ball bearings, half round groove and axle



track rollers							
	wheel ø mm	wheel width mm	hub length mm	axle mm	groove radius mm	groove depth mm	load- carrying capacity kg
CF-323-160 Ident No.: 0026883	157	31	44	M20x80	11.5	9.5	710
CF-323-200 Ident No.: 0026884	197	31	44	M20x80	11.5	9.5	750
CF-323-250 Ident No.: 0026885	247	34	54	M24x100	11.5	9.5	800

track rollers

these track rollers are made of galvanized steel with one ball bearing, half round groove and axle, can be lubricated



track rollers // stainless steel - half round groove

track rollers



these track rollers are made of stainless steel with one ball bearing, half round groove and axle

							
	wheel ø mm	wheel width mm	hub length mm	axle mm	groove radius mm	groove depth mm	load- carrying capacity kg
CF-310I-60 Ident No.: 0026892	60	16.5	24	M10x45	4.5	4	100
CF-310I-80S Ident No.: 0026893	78	24	34	M14x70	10.3	9.5	200
CF-310I-100S Ident No.: 0026894	98	24	34	M14x70	10.3	9.5	220
CF-310I-120 Ident No.: 0026895	117	25	34	M14x70	10.3	9.5	240
CF-310I-160 Ident No.: 0026896	157	25	44	M16x70	10.3	9.5	290
CF-310I-200 Ident No.: 0026897	197	25	44	M16x70	10.3	9.5	330

track rollers



these track rollers are made of stainless steel with two ball bearing, half round groove and axle

							
	wheel ø mm	wheel width mm	hub length mm	axle mm	groove radius mm	groove depth mm	load- carrying capacity kg
CF-315I-100 Ident No.: 0026898	98	28	34	M14x70	10.5	9.5	425
CF-315I-120 Ident No.: 0026899	117	28	34	M14x70	10.5	9.5	450
CF-315I-140 Ident No.: 0026900	137	33	44	M16x70	11.5	9.5	550
CF-315I-160 Ident No.: 0026901	157	33	44	M16x70	11.5	9.5	575
CF-315I-200 Ident No.: 0026902	197	33	44	M16x70	11.5	9.5	625

pulleys // out special grey cast - half round groove

pulleys



these pulleys are made of special grey cast, with roller bearing, half round groove and axle

pulleys	 wheel ø mm	 wheel width mm	 hub length mm	axle mm	groove radius mm	 groove depth mm	 load- carrying capacity kg
50-075 Ident No.: 0012649	75	19	28	M10x54	5	9	35
50-090 Ident No.: 0012650	90	20	33	M10x61	5	9	50
50-105 Ident No.: 0012651	105	23	35	M12x67	6	10	75
50-120 Ident No.: 0012652	120	21.5	39	M12x75	6	10	100
50-140 Ident No.: 0012653	140	26	45	M14x83	8	11	135
50-160 Ident No.: 0012654	160	26	45	M14x83	8	11	175
50-200 Ident No.: 0012655	200	26.5	49	M16x93	8	11	250

Matching accessories can be found on page 432

pulleys // polyamide 6 - half round groove

pulleys	      							
	wheel ø mm	wheel width mm	hub length mm	hub ø mm	axle hole ø mm	groove radius mm	groove depth mm	load-car- rying ca- pacity kg
E040-1 Ident No.: 0015933	40	13	15	16.5	6	4	4	35
E048-1 Ident No.: 0015934	48	12.5	15	16.5	8	4	4	45
E050-1 Ident No.: 0015935	50	10	11	25	15	4	5	30
E060-1 Ident No.: 0015936	60	30	18	28	12	20	11	90
E065-1 Ident No.: 0015937	65	12.5	15	16.5	8	4	4	50
E073-1 Ident No.: 0015938	73	13	17	20	10	8	4	55
E076-1 Ident No.: 0015939	76	16	17	20	11	10	4.5	75
E080-1 Ident No.: 0015940	80	22	25	30	12	12	9	140
E090-1 Ident No.: 0015941	90	18	21	21	10	5	10	130
E100-1 Ident No.: 0015942	100	12	17	30	10	3.5	8	85
E100-2 Ident No.: 0015943	100	25	28	38	15	17	12	210
E100-3 Ident No.: 0015944	100	42	27	50	20	28	16	270
E120-1 Ident No.: 0015946	120	27	32	40	15	18	16	300
E126-1 Ident No.: 0015947	126	34	42	70	30	14	12	500
E150-1 Ident No.: 0015948	150	33	42	46	20	25	20	410

pulleys

these pulleys are made of polyamide, with plain bore and half round groove



pulleys // polyamide - half round groove

pulleys



these pulleys are made of polyamide, with ball bearing and half round groove

pulleys							
	wheel ø mm	wheel width mm	hub length mm	axle hole ø mm	groove radius mm	groove depth mm	load-carrying capacity kg
SEK-040 Ident No.: 0023791	40	12.5	7	8	2.5	5	50
SEK-050 Ident No.: 0023792	50	12.5	9	10	2	6	50
SEK-065-2-SO-SET Ident No.: 0038396	65	12	8	10	4	5	137
SEK-078-1 Ident No.: 0023795	78	15	15	10	4	11	138
SEK-078-2 Ident No.: 0023796	78	18.5	18.5	15	6	6	245
SEK-080-2 Ident No.: 0023798	80	21	21	15	4	15	225
SEK-098 Ident No.: 0023799	98	20	21	10	3	9	150

pulleys // steel - half round groove

pulleys



these pulleys are made of steel, with ball bearing and half round groove

pulleys							
	wheel ø mm	wheel width mm	hub length mm	axle hole ø mm	groove radius mm	groove depth mm	load-carrying capacity kg
055-030 Ident No.: 0010006	30	10	12	7.1	3	3	65
055-040 Ident No.: 0010007	40	11	12	8.1	3.5	3.5	85
055-050 Ident No.: 0010008	50	11	12	8.1	3.5	3.5	85
055-060 Ident No.: 0010009	58	13	20	10.2	3	7	100
055-080 Ident No.: 0010010	78	14	20	12.5	3	9	200
055-100 Ident No.: 0027459	98	17	22	12.5	4	9	220
055-120 Ident No.: 0027460	117	17	22	12.5	4	9	240

pulleys // out special grey cast - half round groove

pulleys	      							
	wheel ø mm	wheel width mm	hub length mm	hub ø mm	axle hole ø mm	groove radius mm	groove depth mm	load-car- rying ca- pacity kg
FGF030 Ident No.: 0016518	30	10	11	10	4.1	3	4	15
FGF040 Ident No.: 0016519	40	11.5	12.5	10	5.1	3	4	18
FGF050 Ident No.: 0016520	50	12	13	12	5.1	3	4	22
FGF060 Ident No.: 0016521	60	12	13	19.3	5.1	4	5	22
FGF070 Ident No.: 0016522	70	13	14.5	18	5.1	4	6	22
FGF080 Ident No.: 0016523	80	16	17	18	5.1	4.25	6	22
FGF100 Ident No.: 0016524	100	24	27	21	10.1	8	11	110
FGF120 Ident No.: 0016525	120	26.5	31	34	10.1	8	11	140

pulleys

these pulleys are made of special grey cast, with plain bore, half round groove



**Features:**

- PASB wheel series:
- flanged wheel made of polyamide 6 with plain bearing
- temperature resistance: -25° C to +90° C

Properties:

- excellent chemical resistance
- low rolling resistance
- affordable
- (old designation: D)

flanged wheels	bearing surface ø mm	flange ø mm	wheel width with flange mm	wheel width without flange mm	hub length mm	axle hole ø mm	load-carrying capacity kg
PASB-030-20-20-G10 Ident No.: 0015558	30	50	20	15	20	10	35
PASB-035-32-34-G16 Ident No.: 0015559	35	50	32	25	34	16	80
PASB-040-18-18-G15 Ident No.: 0015560	40	55	18	12	18	15	40
PASB-050-28-30-G16 Ident No.: 0015561	50	70	28	20	30	16	100
PASB-050-32-29-G15 Ident No.: 0015562	50	65	32	24	29	15	100
PASB-062-26-29-G16 Ident No.: 0015563	62	80	26	19	29	16	100
PASB-087-32-32-G16 Ident No.: 0015564	87	108	32	25	32	16	200
PASB-100-45-40-G20 Ident No.: 0015565	100	120	45	32	40	20	280
PASB-107-34-35-G18 Ident No.: 0015566	107	138	34	26	35	18	300
PASB-120-42-45-G38 Ident No.: 0015568	120	150	42	30	45	38	380

Matching accessories can be found on page 432

floors



Features:

- SPG wheel series:
- made of special grey cast iron with plain bearing
- wheel flange and running tread are cleanly overwound
- running tread to axle at approx. 3° gradient
- also available with cylindrical tread
- also available with feather key groove according to DIN 6885 for drive
- solid and sturdy construction
- (old designation: SPG)

Note:

The coating is not a permanent coat of paint but rather a protective coating

 24 hours
delivery


***"Many other versions are available
to match your requirements"***



flanged wheels

	flange ø mm	bearing surface ø mm	wheel width with flange mm	wheel width without flange mm	hub length mm	hub ø mm	axle hole ø mm	load-carrying capacity kg
SPG-050-32-32-G15 Ident No.: 0023920	62	50	32	26	32	50	15	400
SPG-075-40-47-G20 Ident No.: 0023921	100	75	40	30	47	62	20	700
SPG-100-46-52-G20 Ident No.: 0023922	125	100	46	36	52	62	20	800
SPG-125-46-52-G20 Ident No.: 0023923	145	125	46	36	52	62	20	900
SPG-150-46-52-G20 Ident No.: 0023924	175	150	46	36	52	62	20	1,000
SPG-180-48-52-G30 Ident No.: 0023925	210	180	48	38	52	65	30	1,200
SPG-200-57-60-G30 Ident No.: 0023926	230	200	57	40	60	87	30	1,500
SPG-250-63-70-G40 Ident No.: 0023928	300	250	63	51	70	91	40	2,000

Matching accessories can be found on page 432



Features:

- SPG Kula wheel series:
- made of special grey cast iron with ball bearing
- wheel flange and running tread are cleanly overwound
- running tread to axle at approx. 3° gradient
- also available with cylindrical tread
- solid and sturdy construction
- (old designation: SPK)

Note:

The coating is not a permanent coat of paint but rather a protective coating

floors



"Many other versions are available to match your requirements"

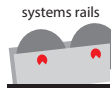


flanged wheels

	flange ø mm	bearing surface ø mm	wheel width with flange mm	wheel width without flange mm	hub length mm	hub ø mm	axle hole ø mm	load- carrying capacity kg
SPG-050-32-32-K15 Ident No.: 0023937	62	50	32	26	32	50	15	400
SPG-075-40-47-K20 Ident No.: 0023938	100	75	40	30	47	62	20	700
SPG-100-46-52-K20 Ident No.: 0023940	125	100	46	36	52	62	20	800
SPG-125-46-52-K20 Ident No.: 0023942	145	125	46	36	52	62	20	900
SPG-150-46-52-K20 Ident No.: 0023943	175	150	46	36	52	62	20	1,000
SPG-150-46-52-K20-AD162 Ident No.: 0023944	162	150	46	36	52	62	20	1,000
SPG-180-48-52-K20 Ident No.: 0023946	210	180	48	38	52	65	20	1,200
SPG-200-57-60-K25 Ident No.: 0023947	230	200	57	40	60	87	25	1,500
SPG-200-80-90-K40 Ident No.: 0023950	230	200	80	62	90	110	40	3,000
SPG-250-65-70-K30 Ident No.: 0023952	300	250	65	50	70	90	30	2,000
SPG-250-65-70-K40 Ident No.: 0023954	300	250	65	50	70	110	40	3,000

Matching accessories can be found on page 432

floors



Features:

- SPS wheel series:
- made of C45 steel with ball bearing
- heavy-duty design for maximum load
- running tread to axle at approx. 3° gradient
- solid and sturdy construction
- also available with feather key groove according to DIN 6885 for drive
- or with cylindrical tread
- (old designation: SPK C)



"Highest load-carrying capacity"



flanged wheels	flange ø mm	bearing surface ø mm	wheel width with flange mm	wheel width without flange mm	hub length mm	axle hole ø mm	load-carrying capacity kg
SPS-100-70-70-K25 Ident No.: 0039147	130	100	70	50	70	25	1,250
SPS-125-46-52-K20 Ident No.: 0033613	145	125	46	35	52	20	1,400
SPS-150-52-52-K30 Ident No.: 0023945	175	150	52	38	52	30	1,800
SPS-200-62-62-K40 Ident No.: 0023948	230	200	62	39	62	40	2,500
SPS-250-72-72-K50 Ident No.: 0023953	290	250	72	50	72	50	3,000
SPS-300-75-75-K60 Ident No.: 0023955	340	300	75	52	75	60	4,000
SPS-350-75-75-K50 Ident No.: 0034644	400	350	75	52	75	50	5,000

cast iron // fixed castors with wheel flange wheels // up to 1,100 kg



Features

- castor series HB/SPG:
- with SPG ball bearing wheel
- made of special grey cast iron with ball bearing
- wheel flange and running tread are cleanly overwound
- running tread to axle at approx. 3° gradient
- cylindrical tread is also available optionally

Housing:

- heavy welded steel construction, galvanized
- (old designation: BP/SPK)

fixed castors							
	flange ø mm	bearing surface ø mm	wheel width with flange mm	plate size mm	hole spacing mm	hole ø mm	load-carrying capacity kg
B-HB-SPG-100-K ID: 0015385	125	100	46	135 x 110	105 x 80	11	400
B-HB-SPG-125-K ID: 0015386	145	125	46	135 x 110	105 x 80	11	500
B-HB-SPG-150-K ID: 0015387	175	150	46	135 x 110	105 x 80	11	700
B-HB-SPG-200-K ID: 0015388	230	200	57	135 x 110	105 x 80	11	1,100

floors

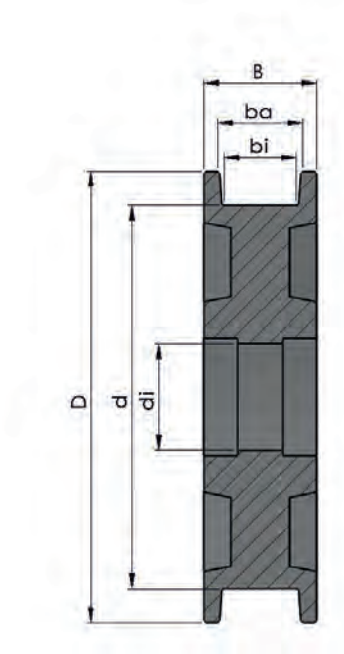


Features:

- DSPG wheel series:
- made of special grey cast iron with ball bearing
- available versions: with angular or v-shaped groove
- also available with feather key groove according to DIN 6885 for drives
- (old designation: DSPK)



flanged wheels	flange ø mm	bearing surface ø mm	wheel width with flange mm	wheel width without flange mm	hub length mm	axle hole ø mm	load-carrying capacity kg
DSPG-120-40-40-K20-VNUT Ident No.: 0012447	120	100	40	26	40	20	650
DSPG-120-40-40-K20 Ident No.: 0015903	120	100	40	26	40	20	650
DSPG-200-50-50-K25 Ident No.: 0015904	200	170	50	34	50	25	900
DSPG-200-50-50-K25-VNUT Ident No.: 0015905	200	170	50	34	50	25	900



Features:

- DSPS wheel series:
- made of C45 steel with ball bearing
- available versions: with angular and v-shaped groove
- also available with feather key groove according to DIN 6885 for drives
- (old designation: DSPK steel)

floors



systems rails



"Many other sizes available on request"

flanged wheels	  						
	d flange ø mm	d bearing surface ø mm	wheel width with flange mm	wheel width without flange mm	hub length mm	axle hole ø mm	load-carrying capacity kg
DSPS-100-40-40-K15-VNUT Ident No.: 0028300	100		40	20	40	15	600
DSPS-110-57-57-K20 Ident No.: 0035753	125	110	57	43	57	20	1,200
DSPS-106-60-60-K20 Ident No.: 0037179	150	106	60	25.5	60	20	1,200
DSPS-180-60-60-K35 Ident No.: 0038427	200	180	60	43	60	35	1,500
DSPS-200-90-90-K45-VNUT Ident No.: 0038288	200		90	60	90	45	1,500
DSPS-250-80-80-K50 Ident No.: 0036010	275	250	80	55	80	50	1,500
DSPS-250-90-90-K50 Ident No.: 0036011	275	250	90	70	90	50	1,800



Press-on tires made from VULKOLLAN® or elastic rubber coating

Press-on tires are an inexpensive alternative to a complete wheel, since they allow you to use the existing cast iron or steel core. We offer steel-band press-on tires with cylindrical tire beads or wire mesh, divided in the conical middle or off-center, with VULKOLLAN® coating or elastic rubber coating.

A press is required to mount the cylindrical press-on tires. The press-on tires are made undersized (with fit Z9) so that they can be pressed on rims with fit h11. Due to its high load capacity and good cut resistance, VULKOLLAN® is especially well suited for drive applications, such as industrial conveyor vehicles. Solid elastic rubber dampens vibrations and is therefore recommended for use on uneven floors.

Properties Vulkollan

- ☞ high load capacity
- ☞ cut resistance
- ☞ excellent chemical resistance
- ☞ durable and abrasion-resistant
- ☞ UV resistance

Properties elastic-rubber

- ☞ absorbs vibration
- ☞ runs quietly
- ☞ absorbs shock

Shore hardness

approx. 92° Shore A

Shore hardness

approx. 65° Shore A

Temperature range

Vulkollan can be used from -30° C to +90° C

Temperature range

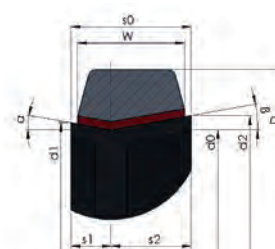
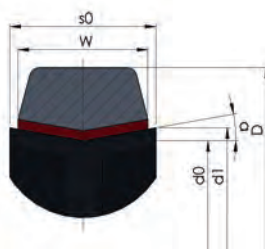
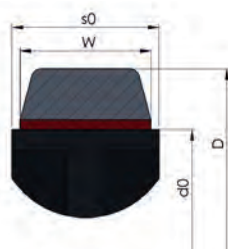
elastic-rubber can be used from -30° C to +80° C

Foot shapes

z = cylindrical

km = conical center division

ks = conical off-center division



areas of use // floors





Features:

- solid rubber elastic press-on bindings EGZD-BKM:
- elastic press-on bindings, approx. 65° shore A, conical tire seat with wire mesh and flat profile

Properties:

- absorbs vibration
- runs quietly
- absorbs shock
- (old designation: EBK)

floors



"Many other sizes available on request"

press-on tires	outer ø mm	width mm	inner ø mm	load-carrying capacity kg
EGZD-125-50-B75-BKM Ident No.: 0032233	125	50	75	160
EGZD-150-50-B100-BKM Ident No.: 0015978	150	50	100	225
EGZD-160-50-B100-BKM Ident No.: 0015979	160	50	100	250
EGZD-200-50-B140-BKM Ident No.: 0015981	200	50	140	350
EGZD-200-75-B100-BKM Ident No.: 0015982	200	75	100	500
EGZD-200-85-B105-BKM Ident No.: 0015983	200	85	105	550
EGZD-250-60-B190-BKM Ident No.: 0040126	250	60	190	525
EGZD-250-75-B140-BKM Ident No.: 0038369	250	75	140	625
EGZD-250-75-B170-BKM Ident No.: 0030988	250	75	170	625
EGZD-300-50-B220-BKM Ident No.: 0035607	300	50	220	550
EGZD-300-75-B220-BKM Ident No.: 0015986	300	75	220	725
EGZD-360-60-B270-BKM Ident No.: 0015990	360	60	270	750
EGZD-360-85-B270-BKM Ident No.: 0015991	360	85	270	1.050
EGZD-400-75-B305-BKM Ident No.: 0015992	400	75	305	1,000

floors



Features:

- solid rubber elastic press-on bindings EGZD:
- elastic press-on bindings, approx. 65° Shore A, cylindrical tire seat with wire mesh and flat profile

Properties:

- absorbs vibration
- runs quietly
- absorbs shock
- (old designation: EBZ DG)



"Cylindrical with wire-mesh"

press-on tires	outer ø mm	width mm	inner ø mm	load-carrying capacity kg
EGZD-125-50-B75 Ident No.: 0015993	125	50	75	160
EGZD-180-50-B120 Ident No.: 0034796	180	50	120	325
EGZD-180-75-B120 Ident No.: 0015998	180	75	120	475
EGZD-200-60-B150 Ident No.: 0016000	200	60	150	425
EGZD-200-75-B100 Ident No.: 0031505	200	75	100	500
EGZD-230-85-B170 Ident No.: 0033069	230	85	170	525
EGZD-250-60-B170 Ident No.: 0031845	250	60	170	550
EGZD-250-60-B190 Ident No.: 0036745	250	60	190	550
EGZD-250-75-B140 Ident No.: 0016006	250	75	140	625
EGZD-265-160-B160 Ident No.: 0016010	265	160	160	1,150
EGZD-300-75-B220 Ident No.: 0016013	300	75	220	725
EGZD-300-85-B170 Ident No.: 0016015	300	85	170	800
EGZD-300-90-B203 Ident No.: 0016016	300	90	203	900
EGZD-300-100-B203 Ident No.: 0035216	300	100	203	975
EGZD-360-60-B270 Ident No.: 0039312	360	60	270	750
EGZD-360-75-B270 Ident No.: 0035464	360	75	270	950

We also manufacture matching steel cores according to your specifications



press-on tires	outer ø mm	width mm	inner ø mm	load-carrying capacity kg
EGZD-360-85-B270 Ident No.: 0033860	360	85	270	1,050
EGZD-400-75-B305 Ident No.: 0031140	400	75	305	1,000
EGZD-405-130-B305 Ident No.: 0034518	405	130	305	1,500
EGZD-455-100-B305 Ident No.: 0037815	455	100	305	1,400
EGZD-500-85-B370 Ident No.: 0016026	500	85	370	1,300
EGZD-560-100-B410 Ident No.: 0016031	560	100	410	1,600

We also manufacture matching steel cores according to your specifications

floors



Features:

- solid rubber elastic press-on bindings EGZS:
- elastic press-on bindings, approx. 65° Shore A, cylindrical tire seat with steel band

Properties:

- absorbs vibration
- runs quietly
- absorbs shock
- (old designation: EBZ steel)



"Cylindrical on steel band; many other dimensions available on request"

press-on tires	outer ø mm	width mm	inner ø mm	load-carrying capacity kg
EGZS-125-50-B75 Ident No.: 0015994	125	50	75	130
EGZS-150-50-B100 Ident No.: 0015995	150	50	100	225
EGZS-150-75-B100 Ident No.: 0034364	150	75	100	225
EGZS-160-50-B100 Ident No.: 0015996	160	50	100	225
EGZS-180-50-B120 Ident No.: 0015997	180	50	120	325
EGZS-200-50-B140 Ident No.: 0015999	200	50	140	350
EGZS-200-75-B100 Ident No.: 0016001	200	75	100	500
EGZS-200-85-B105 Ident No.: 0016002	200	85	105	550
EGZS-220-60-B160 Ident No.: 0033487	220	60	160	450
EGZS-230-50-B170 Ident No.: 0036081	230	50	170	400
EGZS-230-75-B170 Ident No.: 0016004	230	75	170	625
EGZS-250-60-B190 Ident No.: 0016005	250	60	190	525
EGZS-250-75-B140 Ident No.: 0031588	250	75	140	625
EGZS-250-80-B170 Ident No.: 0016007	250	80	170	675
EGZS-250-130-B140 Ident No.: 0016008	250	130	140	975
EGZS-285-75-B220 Ident No.: 0016012	285	75	220	725

We also manufacture matching steel cores according to your specifications



press-on tires	outer ø mm	width mm	inner ø mm	load-carrying capacity kg
EGZS-300-75-B220 Ident No.: 0036221	300	75	220	750
EGZS-300-75-B240 Ident No.: 0016014	300	75	240	700
EGZS-300-85-B170 Ident No.: 0037784	300	85	170	800
EGZS-360-60-B270 Ident No.: 0016019	360	60	270	750
EGZS-400-65-B305 Ident No.: 0034234	400	65	305	900
EGZS-405-65-B305 Ident No.: 0016021	405	65	305	900
EGZS-405-130-B305 Ident No.: 0016022	405	130	305	1,500
EGZS-415-75-B305 Ident No.: 0037798	415	75	305	1,000
EGZS-415-90-B305 Ident No.: 0016023	415	90	305	1,150
EGZS-415-100-B305 Ident No.: 0016024	415	100	305	1,250
EGZS-425-150-B305 Ident No.: 0016025	425	150	305	1,910
EGZS-450-120-B300 Ident No.: 0037860	450	120	300	1,525
EGZS-500-65-B410 Ident No.: 0032960	500	65	410	1,100
EGZS-500-85-B370 Ident No.: 0033900	500	85	370	1,300
EGZS-500-140-B370 Ident No.: 0016027	500	140	370	1,875
EGZS-540-200-B410 Ident No.: 0031700	540	200	410	3,270
EGZS-550-120-B410 Ident No.: 0031701	550	120	410	1,875
EGZS-550-160-B410 Ident No.: 0016030	550	160	410	2,250
EGZS-610-150-B410 Ident No.: 0016033	610	150	410	2,250
EGZS-620-200-B410 Ident No.: 0016034	620	200	410	3,000



*"Elastic solid rubber, cylindrical
on steel band"*

We also manufacture matching steel cores according to your specifications

floors



Features:

- Vulkollan® press-on binding VUZD-BKM:
- Vulkollan® press-on bindings, approx. 92° Shore A, conical tire seat with wire mesh and flat profile

Properties:

- high load capacity
- cut resistance
- excellent chemical resistance
- durable and abrasion-resistant
- UV resistance
- (old designation: VBK)



"Conical with wire mesh; many other dimensions available on request"

press-on tires	outer ø mm	width mm	inner ø mm	load-carrying capacity kg
VUZD-125-050-B75-BKM Ident No.: 0026594	125	50	75	540
VUZD-150-050-B100-BKM Ident No.: 0026595	150	50	100	640
VUZD-160-050-B100-BKM Ident No.: 0026596	160	50	100	680
VUZD-160-075-B100-BKM Ident No.: 0026597	160	75	100	950
VUZD-180-050-B120-BKM Ident No.: 0026598	180	50	120	760
VUZD-180-100-B105-BKM Ident No.: 0026599	180	100	105	1,520
VUZD-200-075-B100-BKM Ident No.: 0026601	200	75	100	1,260
VUZD-200-085-B105-BKM Ident No.: 0026604	200	85	105	1,260
VUZD-250-060-B170-BKM Ident No.: 0039024	250	60	170	1,260
VUZD-300-100-B203-BKM Ident No.: 0032395	300	100	203	2,100
VUZD-310-075-B200-BKM Ident No.: 0026607	310	75	200	1,860





Features:

- Vulkollan® press-on bindings VUZS:
- Vulkollan® press-on bindings, approx. 92° Shore A, cylindrical tire seat with steel band

Properties:

- high load capacity
- cut resistance
- excellent chemical resistance
- durable and abrasion-resistant
- UV resistance
- (old designation: VBZ)

floors



"Vulkollan® on steel band; many other dimensions available on request"

press-on tires	outer ø mm	width mm	inner ø mm	load-carrying capacity kg
VUZS-100-032-B75 Ident No.: 0013276	100	32	75	280
VUZS-100-035-B55 Ident No.: 0038375	100	35	55	350
VUZS-100-040-B75 Ident No.: 0034380	100	40	75	370
VUZS-110-050-B75 Ident No.: 0031997	110	50	75	450
VUZS-100-070-B55 Ident No.: 0034946	100	70	55	600
VUZS-125-040-B75 Ident No.: 0013277	125	40	75	415
VUZS-125-050-B75 Ident No.: 0014628	125	50	75	520
VUZS-150-040-B100 Ident No.: 0015223	150	40	100	500
VUZS-150-050-B100 Ident No.: 0016062	150	50	100	620
VUZS-150-065-B100 Ident No.: 0036394	150	65	100	825
VUZS-150-075-B80 Ident No.: 0023403	150	75	80	780
VUZS-150-075-B100 Ident No.: 0032488	150	75	100	960
VUZS-150-100-B85 Ident No.: 0016112	150	100	85	1,260
VUZS-150-130-B100 Ident No.: 0016113	150	130	100	1,615
VUZS-160-050-B100 Ident No.: 0016476	160	50	100	640
VUZS-180-050-B120 Ident No.: 0017471	180	50	120	720

We also manufacture matching steel cores according to your specifications



press-on tires	outer ø mm	width mm	inner ø mm	load-carrying capacity kg
VUZS-180-075-B120 Ident No.: 0026508	180	75	120	1,100
VUZS-180-100-B105 Ident No.: 0035822	180	100	105	1,520
VUZS-200-060-B150 Ident No.: 0015853	200	60	150	995
VUZS-200-075-B100 Ident No.: 0015855	200	75	100	1,260
VUZS-200-080-B120 Ident No.: 0015856	200	80	120	1,400
VUZS-200-085-B105 Ident No.: 0016130	200	85	105	1,440
VUZS-200-105-B120 Ident No.: 0016131	200	105	120	1,780
VUZS-210-070-B120 Ident No.: 0036147	210	70	120	1,150
VUZS-220-060-B160 Ident No.: 0016132	220	60	160	1,210
VUZS-230-050-B170 Ident No.: 0036098	230	50	170	980
VUZS-230-075-B170 Ident No.: 0016133	230	75	170	1,460
VUZS-230-085-B145 Ident No.: 0016134	230	85	145	1,450
VUZS-250-050-B190 Ident No.: 0016135	250	50	190	1,060
VUZS-250-060-B190 Ident No.: 0016136	250	60	190	1,260
VUZS-250-075-B140 Ident No.: 0033901	250	75	140	1,300
VUZS-250-080-B170 Ident No.: 0016137	250	80	170	1,680
VUZS-250-080-B200 Ident No.: 0016138	250	80	200	1,830
VUZS-250-100-B170 Ident No.: 0034947	250	100	170	2,100
VUZS-250-105-B170 Ident No.: 0016139	250	105	170	1,965
VUZS-250-130-B140 Ident No.: 0016140	250	130	140	2,740
VUZS-254-127-B165 Ident No.: 0031672	254	127	165	2,720
VUZS-260-085-B170 Ident No.: 0016142	260	85	170	1,860
VUZS-260-105-B170 Ident No.: 0016144	260	105	170	1,860
VUZS-280-075-B170 Ident No.: 0016146	280	75	170	1,600
VUZS-285-100-B200 Ident No.: 0016148	285	100	200	2,400
VUZS-285-100-B228 Ident No.: 0033712	285	100	228	2,400
VUZS-300-050-B240 Ident No.: 0016151	300	50	240	1,260
VUZS-300-075-B240 Ident No.: 0032090	300	75	240	1,850

We also manufacture matching steel cores according to your specifications



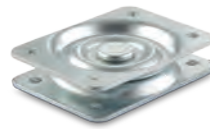
press-on tires	outer ø mm	width mm	inner ø mm	load-carrying capacity kg
VUZS-300-090-B203 Ident No.: 0016152	300	90	203	2,160
VUZS-300-100-B203 Ident No.: 0016153	300	100	203	2,400
VUZS-300-100-B230 Ident No.: 0033213	300	100	230	2,700
VUZS-300-140-B230 Ident No.: 0016154	300	140	230	2,650
VUZS-313-130-B203 Ident No.: 0016156	313	130	230	2,800
VUZS-330-127-B254 Ident No.: 0016159	330	127	254	3,350
VUZS-350-090-B280 Ident No.: 0035082	350	90	280	2,600
VUZS-400-100-B305 Ident No.: 0016164	400	100	305	3,000
VUZS-400-130-B290 Ident No.: 0033255	400	130	290	3,600
VUZS-405-130-B305 Ident No.: 0031418	405	130	305	4,200
VUZS-500-085-B370 Ident No.: 0032092	500	85	370	3,000
VUZS-500-085-B410 Ident No.: 0033680	500	85	410	3,300
VUZS-500-120-B410 Ident No.: 0031533	500	120	410	4,650
VUZS-750-045-B640 Ident No.: 0033289	750	45	640	3,090



***"Vulkollan® on steel band; many other
dimensions available on request"***

We also manufacture matching steel cores according to your specifications

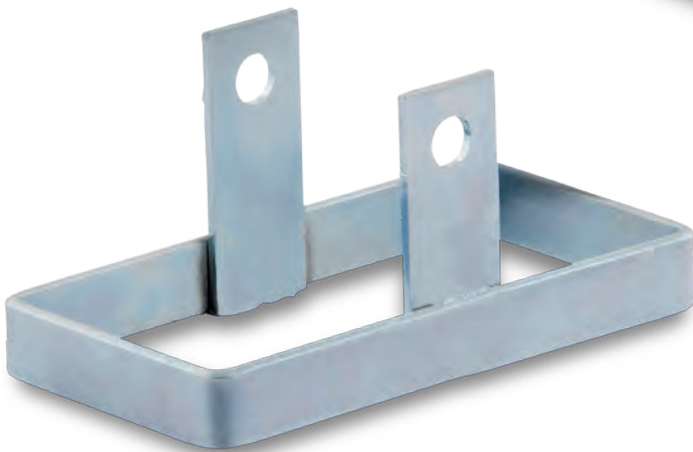
ACCESSORIES AND MOUNTING PRODUCTS



ACCESSORIES TYPE	end caps	axes axles axle guides	mounting thrust	ball bearing	fender wheels	foot protection
VERSION	inner with spring steel, which is clamped on the axle	round steel axle in $\varnothing$ 20 mm, $\varnothing$ 25 mm and axle guide as connector to the frame	steel screw-on bolt, plastic expander, round or square	consisting of two screw-on plates, with single-row or double-row ball bearing	various sizes are available	can be delivered as galvanized bracket around the entire roller or as an elastic rubber element
USAGE	for terminating the axles and for securing the wheel	for fastening the wheel sets	for fastening or bolt hole castors on round or square tubes	in furniture and industry for performing simple rotary movements	used in conjunction with bolt hole castors as edge or corner protection	screwed onto the wheel axles for crash protection
MATERIAL	plastic, steel, stainless steel	steel, malleable cast iron	steel, plastic	steel sheet, malleable cast iron	made of soft plastic core with a hard RAL 7038	flat steel sheath, version with coil spring, rubber foot protection
PAGES	436	436	437	439	440	440



	ball bearing	adjusting collars	mounting plates
	closed on one side (z/rs) or on both sides, (2rs/ZZ) one side protruding zv), stainless steel, resistant to high temperatures	adjusting collars with set screw	plate sizes 135 x 110 mm and 105 x 80 mm, various material thickness
	for installation in wheels with ball bearing seats for easier running movement	axle attachment for up to 25 mm axles	adapter plate, height compensation or for welding as a mounting plate
	steel, stainless steel	steel	steel
	441	438	439



Accessories and mounting products

Torwegge offers a wide and versatile range of accessories. We provide mounting components, fastening parts and components related to occupational safety.

Our accessories and mounting products include:

- ☞ axles
- ☞ axle guides
- ☞ adjusting collars
- ☞ starlock caps
- ☞ thrust ball bearings
- ☞ deep-groove ball bearings
- ☞ various fastening pins and expanders
- ☞ foot protection components
- ☞ mounting plates
- ☞ and much more

Individual housings for castors and rollers are also available for order.

axle guides



Axle guides made of special malleable cast iron, for mounting wheel sets with round axles, painted axle guides

axle guides	axle hole ø mm	plate size mm	axle center to support surface	hole spacing mm	hole ø mm
H-950-20 Ident No.: 0016710	20	80 x 34	14	52	12
H-950-25 Ident No.: 0016711	25	92 x 40	22	64	12
H-950-30 Ident No.: 0016712	30	90 x 40	22	64	12

round bar steel axles

The axles are made from S235 JR bright steel.

All wheels having a corresponding hole can be mounted as wheel sets.



round bar steel axles	outer ø mm	total length mm	axle material
A20X0500 Ident No.: 0033673	20	500	steel
A20X0800 Ident No.: 0014793	20	800	steel
A20X1000 Ident No.: 0014791	20	1,000	steel
A20X1200 Ident No.: 0014792	20	1,200	steel
A25X0910 Ident No.: 0014804	25	910	steel
A25X1000 Ident No.: 0014796	25	1,000	steel
A25X1100 Ident No.: 0014797	25	1,100	steel
A25X1200 Ident No.: 0014798	25	1,200	steel
A25X1300 Ident No.: 0014799	25	1,300	steel
A25X1,400 Ident No.: 0014800	25	1,400	steel

starlock caps

Starlock caps are end caps.

A steel spring mechanism is used to jam the cap on the axle; this prevents the wheel from coming off.

Starlock caps are also available in stainless steel or in a pure spring ring version. Please ask for product quantity details.



starlock caps	inner ø mm	outer ø mm	width mm	material
STARLOCKA20KU-ROT Ident No.: 0024199	20	42	12	plastic red
STARLOCKA20KU-SCHW Ident No.: 0024200	20	42	12	plastic black
STARLOCKA20 Ident No.: 0025128	20	38,3	20	chrome
STARLOCKA25 Ident No.: 0024201	25	43	13	chrome

bolt with perpendicular hole



bolts	bolt ø mm	bolt length mm	bolt thread	perpendicular hole vmm	thread cross-hole
BEF.AZ-R18 Ident No.: 0015232	18	45	M10	yes	M8
BEF.AZ-R19 Ident No.: 0015233	19	45	M10	yes	M8
BEF.AZ-R20 Ident No.: 0015234	20	45	M10	yes	M8
BEF.AZ-R21 Ident No.: 0015235	21	45	M10	yes	M8
BEF.AZ-R22 Ident No.: 0015236	22	45	M10	yes	M8
BEF.AZ-R23 Ident No.: 0015237	23	45	M10	yes	M8
BEF.AZ-R24 Ident No.: 0015238	24	45	M10	yes	M8
BEF.AZ-R25 Ident No.: 0015239	25	45	M10	yes	M8
BEF.AZ-R26 Ident No.: 0015240	26	45	M10	yes	M8
BEF.AZ-R27 Ident No.: 0015241	27	45	M10	yes	M8
BEF.AZ-R28 Ident No.: 0015242	28	45	M10	yes	M8
BEF.AZ-R29 Ident No.: 0015243	29	45	M10	yes	M8
ZAPFEN 20X50 INCL. SCHR. M12x30+FE Ident No.: 0017753	20	50	M12	no	
ZAPFEN 27X60 INCL. SCHR. M12x30+FE Ident No.: 0017754	27	60	M12	no	

accessories // expansion sleeve

round expansion sleeve



round expansion fastener, made from: polyamide expansion sleeve and socket head screw (m10x60mm)

expansion sleeve	expander dimensions mm	expander profile
BEF.4-R18-20-SET Ident No.: 0038251	18-20	round
BEF.4-R21-23-SET Ident No.: 0038252	21-23	round
T-BEF.R07-21.5-24 Ident No.: 0024280	21.5-24	round
BEF.4-R24-27-SET Ident No.: 0038253	24-27	round
BEF.4-R28-31-SET Ident No.: 0038214	28-31	round

square expansion sleeve



square expansion fastener, made from: polyamide expansion sleeve and socket head screw (m10x60mm)

expansion sleeve	expander dimensions mm	expander profile
BEF.4-V18-20-SET Ident No.: 0038379	18-20	square
BEF.4-V21-23-SET Ident No.: 0038215	21-23	square
BEF.4-V24-27-SET Ident No.: 0038216	24-27	square
BEF.4-V28-31-SET Ident No.: 0038380	28-31	square
BEF.4-V29.6-32.7 Ident No.: 0015213	29.6-32.7	square
BEF.4-V34.6-37-SET Ident No.: 0038293	34.6-37	square

accessories // adjusting collars

adjusting collars



the adjusting collars can be attached to the axle using a set screw

adjusting collars	inner ø mm	outer ø mm	width mm	material
A8-DIN705-black Ident No.: 0031541	8	16	8	steel S235 JR blank
A10-DIN705-black Ident No.: 0029097	10	20	10	steel S235 JR blank
A20 Ident No.: 0014790	20	32	14	steel S235 JR blank
A25 Ident No.: 0014795	25	40	16	steel S235 JR blank
A30 Ident No.: 0014805	30	45	16	steel S235 JR blank

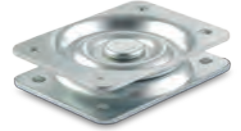
thrust ball bearing
197-057x057 Ident No.: 0011383
197-095x070 Ident No.: 0011384

plate length mm	plate width mm	screw hole spacing, length mm	screw hole spacing, width mm	hole ø mm	height mm	load- carrying capacity kg
57	57	43	43	6.5	10.5	50
95	70	75	45	6.5	19	280



thrust ball bearing, series 197

single ball bearing,
galvanized



thrust ball bearing
198-115x085 Ident No.: 0011387
198-138x109 Ident No.: 0011388

plate length mm	plate width mm	screw hole spacing, length mm	screw hole spacing, width mm	hole ø mm	height mm	load- carrying capacity kg
115	85	80	55	9	19	250
138	109	105	75	10.5	26	600



thrust ball bearing, series 198

two-row ball
bearing, without
center pin, with 3
mounting holes
IGM12



thrust ball bearing
199-225X145 Ident No.: 0011389

plate length mm	plate width mm	screw hole spacing, length mm	screw hole spacing, width mm	hole ø mm	height mm	load- carrying capacity kg
225	145	185	105	12	43	1,500



thrust ball bearing, series 199

slewing ring made
from malleable cast
iron, Steel ball collar
with protection
against dust and
splashed water



accessories // mounting plates

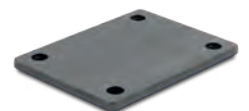
mounting plates
Plate-105X80x5 Ident No.: 0033228
Plate-135X110x5 Ident No.: 0033229

plate size mm	hole spacing mm	hole ø mm	plate strength mm
105 x 80	80 x 60	9	5
135 x 110	105 x 80	11	5



mounting plates

made of S235JR+AR,
bright steel



accessories // deflector rollers and foot protection

deflector rollers



with hard plastic core and soft plastic coating, in RAL 7038 (grey)

can be used for:
protecting the edges of furniture and beds

deflector rollers	 wheel ø mm	 wheel width mm	 axle hole ø mm	 hub length mm
ABR-060-10,6 Ident No.: 0014815	60	24	10,6	24
ABR-075-15.5 Ident No.: 0014817	75	23	15.5	23
ABR-100-10,6 Ident No.: 0014818	100	24	10,6	24
ABR-100-12.5 Ident No.: 0014819	100	24	12.5	24
ABR-100-15.5 Ident No.: 0014820	100	23	15.5	23
ABR-100-22.4 Ident No.: 0014821	100	20	22.4	20
ABR-100-25,4 Ident No.: 0014822	100	20	25.4	20
ABR-100-33,0 Ident No.: 0014823	100	20	33	20
ABR-125-10,6 Ident No.: 0014824	125	24	10,6	24
ABR-125-12.5 Ident No.: 0014825	125	24	12.5	24
ABR-150-22.4 Ident No.: 0014826	150	24	22.4	24
ABR-150-25,4 Ident No.: 0014827	150	24	25.4	24

foot protection



foot protection	 wheel ø mm	 wheel width mm	 axle hole ø mm
Foot protection-125-IG Ident No.: 0038298	125	40	12.5
Foot protection-150-IG Ident No.: 0036004	150	50	12.5
Foot protection-160-IS Ident No.: 0029094	160	40	12
foot protection-160-IS-BOCK Ident No.: 0037778	160	40	12
foot protection-200-IM Ident No.: 0038529	200	50	12,3
foot protection-200-IM-BOCK Ident No.: 0038528	200	50	12,3
foot protection-IG-IH-200-GU Ident No.: 0081954	200	50	12.1
Foot protection-250-IG Ident No.: 0037634	250	60	12

ball bearing	outer ø mm	width mm	inner ø mm	ball bearing seal	
KULA-608ZZ-ABEC-3 Ident No.: 0014091	22	7	8	ZZ	ZZ: double-sided disk cover plate with gap seal, for max. 150° C Z: single-sided disk cover plate
KULA-6001ZZ Ident No.: 0016114	28	8	12	ZZ	
KULA-6004-2RS Ident No.: 0017526	42	12	20	2RS	
KULA-6303-2RS Ident No.: 0036747	47	14	17	2RS	
KULA-6204ZZ Ident No.: 0017549	47	14	20	ZZ	2RS: double-sided closed disk cover plate, with rubber seal, for max. 120° C
KULA-6204-2RS Ident No.: 0017545	47	14	20	2RS	
KULA-6005ZZ Ident No.: 0017532	47	12	25	ZZ	ZV: single-sided disk cover plate with gap seal and extended inner ring on one side, for max. 150° C
KULA-6005-2RS Ident No.: 0017529	47	12	25	2RS	
KULA-6005ZV Ident No.: 0017531	47	12	25	ZV	
KULA-6006ZZ Ident No.: 0017533	55	13	30	ZZ	
KULA-6007-ZZ Ident No.: 0017534	62	14	35	ZZ	
NKULA-6000-2RS-NIRO Ident No.: 0032469	26	8	10	2RS	conducting stainless steel
NKULA-6001-2RS-NIRO Ident No.: 0019431	28	8	12	2RS	
NKULA-6002-2RS-NIRO Ident No.: 0014337	32	9	15	2RS	
NKULA-6201-2RS-NIRO Ident No.: 0028281	32	10	12	2RS	
NKULA-6202-2RS-NIRO Ident No.: 0019820	35	11	15	2RS	
NKULA-6303-2RS Ident No.: 0038716	47	14	17	2RS	
NKULA-6004-2RS-NIRO Ident No.: 0028282	42	12	20	2RS	
NKULA-6005-2RS-NIRO Ident No.: 0028192	47	12	25	2RS	
NKULA-6204-2RS-NIRO Ident No.: 0019821	47	14	20	2RS	
NKULA-6304-2RS-NIRO Ident No.: 0028280	52	15	20	2RS	
NKULA-6205-2RS-NIRO Ident No.: 0030816	52	15	25	2RS	
NKULA-6305-2RS-NIRO Ident No.: 0031607	62	17	25	2RS	



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