















Heat-resistant wheels and castors



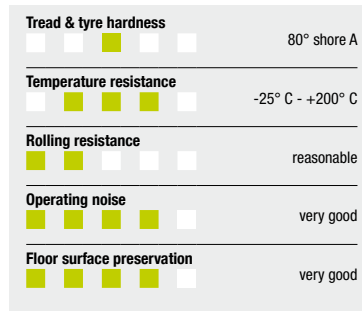
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Series: VEHI

Heat-resistant Blickle TempLine® Basic wheels with solid rubber tyres, with pressed steel rim

65 - 180 kg -25° C - +200° C ✓RoHS



VEHI-wheel series:

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

(Material description page 38)

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

Bearing type:

- Roller bearing, lubricated with special heat-resistant grease

Other features:

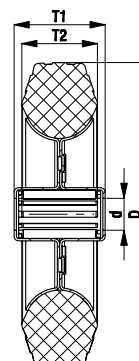
Chemical resistance to many aggressive substances, except oils (table page 36-37).

Operating temperature: -25° C to +200° C.

With long endurance times at high temperatures, the tyres may flatten. This is quickly removed when the wheels are operated again under load.

Wheel series overview page 52

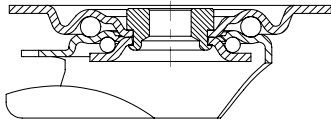
Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VEHI 100/12R	100	30	65	Roller bearing	12	45
VEHI 125/12R	125	37.5	90	Roller bearing	12	45
VEHI 160/20R	160	40	120	Roller bearing	20	60
VEHI 200/20R	200	50	180	Roller bearing	20	60



Series: LI-VEHI, B-VEHI

Heat-resistant pressed steel castors, top plate fitting, heat-resistant Blickle TempLine® Basic wheel with solid rubber tyre

65 - 180 kg -25° C - +200° C ✓RoHS



Brackets: LI/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease.
Bolted wheel axle.
Zinc-plated, blue-passivated, Cr6-free.
Bracket overview: Page 71
Top plate drawings: Page 77
Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: VEHI series - Tyres: Made of heat-resistant solid rubber, 80° shore A, black.
Rims: Made of pressed steel, zinc-plated, blue-passivated, Cr6-free.
Bearing type: Roller bearing.
Detailed description: Page 378 and 52

Operating temperature: -25° C to +200° C.



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-VEHI 100R	B-VEHI 100R	LI-VEHI 100R-FI	100	30	65	Roller bearing	125	100 x 85	80 x 60	9	36
LI-VEHI 125R	B-VEHI 125R	LI-VEHI 125R-FI	125	37.5	90	Roller bearing	150	100 x 85	80 x 60	9	40
LI-VEHI 160R	B-VEHI 160R	LI-VEHI 160R-FI	160	40	120	Roller bearing	195	140 x 110	105 x 75-80	11	60
LI-VEHI 200R	B-VEHI 200R	LI-VEHI 200R-FI	200	50	180	Roller bearing	235	140 x 110	105 x 75-80	11	65

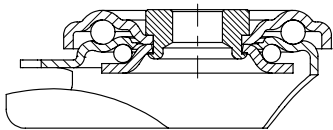
Series: LIR-VEHI

Heat-resistant pressed steel castors, bolt hole fitting, heat-resistant Blickle TempLine® Basic wheel with solid rubber tyre

65 - 90 kg

-25° C - +200° C

✓RoHS



Blickle TempLine® Basic

Brackets: LIR series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease. Bolted wheel axle.
Zinc-plated, blue-passivated, Cr6-free.
Bracket overview: Page 71
Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: VEHI series - Tyres: Made of heat-resistant solid rubber, 80° shore A, black.
Rims: Made of pressed steel, zinc-plated, blue-passivated, Cr6-free.
Bearing type: Roller bearing.
Detailed description: Page 378 and 52

Operating temperature: -25° C to +200° C.

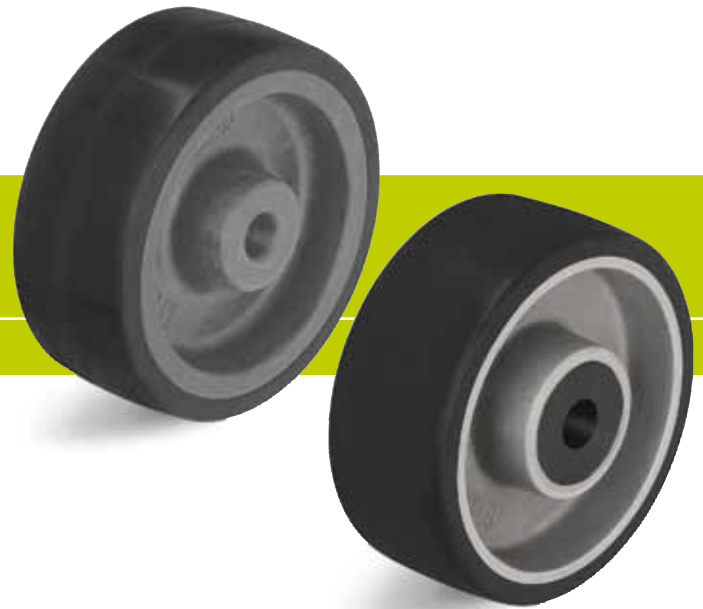


Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIR-VEHI 100R	LIR-VEHI 100R-FI	100	30	65	Roller bearing	125	70	13	36
LIR-VEHI 125R	LIR-VEHI 125R-FI	125	37.5	90	Roller bearing	150	70	13	40

Series: POSI, ALSI

Heat-resistant Blickle TempLine® Comfort wheels with silicone rubber tread, with synthetic or aluminium wheel centre

80 - 120 kg -25° C - +250° C ✓RoHS



Tread & tyre hardness	75° shore A
Temperature resistance	-25° C - +250° C
Rolling resistance	good
Operating noise	very good
Floor surface preservation	very good



POSI, ALSI-wheel series:

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

(Material description page 39)

Wheel centre: POSI series: Made of high-quality, impact-resistant and highly heat-resistant nylon, colour grey.

ALSI series: Made of die-cast aluminium.

Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing: Two pressed-in ball bearings, lubricated with special heat-resistant grease.
- ALSI 100/8HKA: Two pressed-in ball bearings, lubricated with special heat-resistant grease, with ball bearing cover.

Other features:

POSI series: Very high chemical resistance to many aggressive substances, **suitable for autoclaves** (material description page 39).

ALSI series: Chemical resistance to many aggressive substances (material description page 39).

Operating temperature: -25° C to +250° C.

Furnace temperatures above +300° C can be tolerated temporarily, but the temperature at the tread must not exceed +250° C.

Wheel series overview page 52

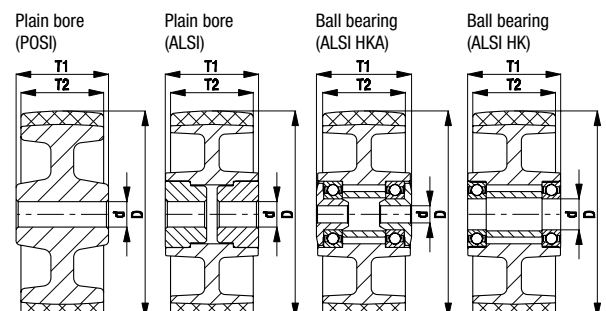
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POSI 101/12G	100	35	80	Plain bore	12	38
POSI 100/12G	100	40	100	Plain bore	12	45
ALSI 100/12G	100	40	100	Plain bore	12	45
ALSI 100/8HKA	100	40	100	Ball bearing	8	46
ALSI 100/15HK	100	40	100	Ball bearing	15	45
POSI 125/12G	125	40	120	Plain bore	12	45

Options



	With non-marking grey tyre *	Teflon-coated stainless steel axle tube Ø 12/8x40 mm	Teflon-coated stainless steel axle tube Ø 12/8x47 mm
Technical description page	39	85	85
Product code	-SG	XAT 12x40	XAT 12x47
Available for	wheel Ø 125 mm	POSI 101/12G	plain bore versions hub length 45 mm

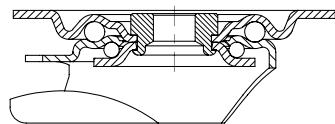
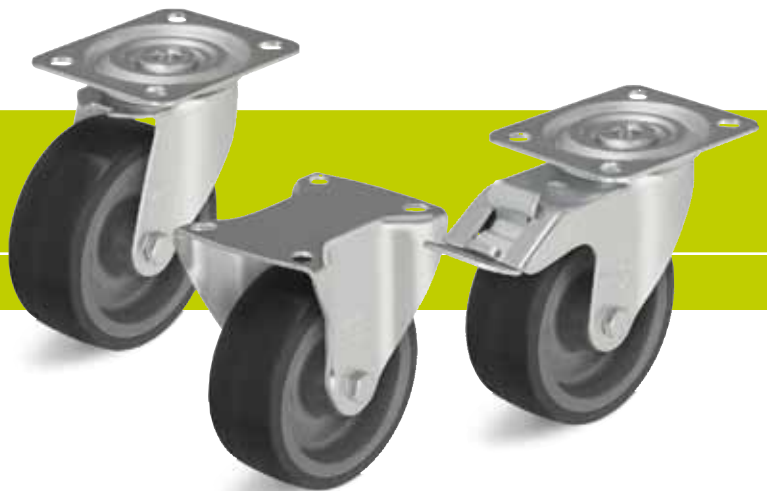
* Operating temperature up to +240° C



Series: LI-POSI, B-POSI, LI-ALSI, B-ALSI

Heat-resistant pressed steel castors with top plate fitting, Blickle TempLine® Comfort wheel with silicone rubber tread

100 - 120 kg -25° C - +250° C ✓RoHS



Brackets: LI/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease.
Bolted wheel axle.
Zinc-plated, blue-passivated, Cr6-free.
Bracket overview: Page 71
Top plate drawings: Page 77
Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: POSI/ALSI series - Tread: Made of highly heat-resistant silicone rubber, 75° shore A, black, **non-marking**.
Wheel centre: POSI series: Made of high-quality, impact-resistant, highly heat-resistant nylon, grey.
ALSI series: Made of die-cast aluminium.
Bearing types: Plain bore or two pressed-in ball bearings lubricated with special heat-resistant grease and with ball bearing cover.
Detailed description: Page 381 and 52

Operating temperature: -25° C to +250° C.



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-POSI 100G	B-POSI 100G	LI-POSI 100G-FI	100	40	100	Plain bore	125	100 x 85	80 x 60	9	36
LI-ALSI 100G	B-ALSI 100G	LI-ALSI 100G-FI	100	40	100	Plain bore	125	100 x 85	80 x 60	9	36
LI-ALSI 100HKA	B-ALSI 100HKA	LI-ALSI 100HKA-FI	100	40	100	Ball bearing	125	100 x 85	80 x 60	9	36
LI-POSI 125G	B-POSI 125G	LI-POSI 125G-FI	125	40	120	Plain bore	150	100 x 85	80 x 60	9	40

Options



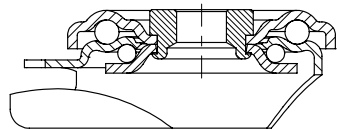
	Image LI-ALSI	With non-marking grey tyre *	With teflon-coated stainless steel axle tube
Technical description page		39	85
Product code suffix		-SG	-XAT
Available for		wheel Ø 125 mm	plain bore versions upon request

* Operating temperature up to +240° C

Series: LIR-POSI, LIR-ALSI

Heat-resistant pressed steel castors with bolt hole fitting, Blickle TempLine® Comfort wheel with silicone rubber tread

100 - 120 kg -25° C - +250° C ✓RoHS



Blickle TempLine® Comfort

Brackets: LIR series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 71 Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: POSI/ALSI series - Tread: Made of highly heat-resistant silicone rubber, 75° shore A, black, **non-marking**. Wheel centre: POSI series: Made of high-quality, impact-resistant, highly heat-resistant nylon, grey. ALSI series: Made of die-cast aluminium. Bearing types: Plain bore or two pressed-in ball bearings lubricated with special heat-resistant grease and with ball bearing cover. Detailed description: Page 381 and 52

Operating temperature: -25° C to +250° C.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIR-POSI 100G	LIR-POSI 100G-FI	100	40	100	Plain bore	125	70	13	36
LIR-ALSI 100G	LIR-ALSI 100G-FI	100	40	100	Plain bore	125	70	13	36
LIR-ALSI 100HKA	LIR-ALSI 100HKA-FI	100	40	100	Ball bearing	125	70	13	36
LIR-POSI 125G	LIR-POSI 125G-FI	125	40	120	Plain bore	150	70	13	40

Options



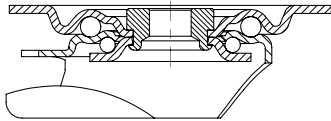
	Image LIR-ALSI	With non-marking grey tyre *	With teflon-coated stainless steel axle tube
Technical description page		39	85
Product code suffix		-SG	-XAT
Available for		wheel Ø 125 mm	plain bore versions upon request

* Operating temperature up to +240° C

Series: LIX-POSI, BX-POSI

Heat-resistant stainless steel castors with top plate fitting, Blickle TempLine® Comfort wheel with silicone rubber tread

100 - 120 kg -25° C - +250° C ✓RoHS



Blickle
TempLine® Comfort

Brackets: LIX/BX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications. For environments with strict regulations on cleanliness, hygiene and temperature resistance, the swivel head is supplied without grease ('-OF') as standard. All parts are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 72; top plate drawings: Page 77; wheel and swivel head 'stop-fix' brake: Page 80

Wheels: POSI series - Tread: Made of highly heat-resistant silicone rubber, 75° shore A, black, **non-marking**. Wheel centre: Made of high-quality, impact-resistant, highly heat-resistant nylon, grey. Bearing type: Plain bore. Detailed description: Page 381 and 52

Operating temperature: -25° C to +250° C.

Suitable for autoclaves.



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIX-POSI 100G-OF	BX-POSI 100G	LIX-POSI 100G-FI-OF	100	40	100	Plain bore	125	100 x 85	80 x 60	9	36
LIX-POSI 125G-OF	BX-POSI 125G	LIX-POSI 125G-FI-OF	125	40	120	Plain bore	150	100 x 85	80 x 60	9	40

Options



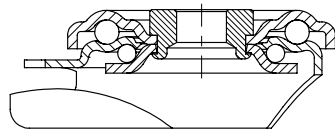
	With non-marking grey tyre *	With special heat-resistant grease -30° C to +250° C	With teflon-coated stainless steel axle tube
Technical description page	39		85
Product code suffix	-SG	remove suffix -OF	-XAT
Available for	wheel Ø 125 mm	swivel castors upon request	upon request

* Operating temperature up to +240° C

Series: LIXR-POSI

Heat-resistant stainless steel castors with bolt hole fitting, Blickle TempLine® Comfort wheel with silicone rubber tread

100 - 120 kg -25° C - +250° C ✓RoHS



Blickle
TempLine® Comfort

Brackets: LIXR series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications. For environments with strict regulations on cleanliness, hygiene and temperature resistance, the swivel head is supplied without grease ('-OF') as standard. All parts are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 72 Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: POSI series - Tread: Made of highly heat-resistant silicone rubber, 75° shore A, black, **non-marking**. Wheel centre: Made of high-quality, impact-resistant, highly heat-resistant nylon, grey. Bearing type: Plain bore. Detailed description: Page 381 and 52

Operating temperature: -25° C to +250° C.

Suitable for autoclaves.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIXR-POSI 100G-OF	LIXR-POSI 100G-FI-OF	100	40	100	Plain bore	125	70	13	36
LIXR-POSI 125G-OF	LIXR-POSI 125G-FI-OF	125	40	120	Plain bore	150	70	13	40

Options



	With non-marking grey tyre *	With special heat-resistant grease -30° C to +250° C	With teflon-coated stainless steel axle tube
Technical description page	39		85
Product code suffix	-SG	remove suffix -OF	-XAT
Available for	wheel Ø 125 mm	upon request	upon request

* Operating temperature up to +240° C

Series: VKHT

Heat-resistant Blickle TempLine® Special wheels with solid rubber tyres, with synthetic rim

100 kg

-30° C - +260° C

✓RoHS



Tread & tyre hardness	85° shore A
Temperature resistance	-30° C - +260° C
Rolling resistance	reasonable
Operating noise	good
Floor surface preservation	good



VKHT-wheel series:

Tyres: Made of heat-resistant solid rubber, 85° shore A hardness, low-noise operation, good floor preservation, high tear resistance, colour black, PAH conform in acc. to EU-directive 2005/69/EC.

(Material description page 38)

Rims: Made of high-quality, impact-resistant and highly heat-resistant nylon, colour black.

Bearing type:

- Plain bore, corrosion-resistant

Other features:

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

Operating temperature: -30° C to +260° C.

Furnace temperatures above +300° C can be tolerated temporarily, but the temperature at the tyre must not exceed +260° C.

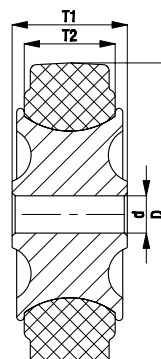
Wheel series overview page 52

Wheels	Wheel Ø (D) [mm]	Tyre width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
VKHT 100/12-38G	100	30	100	Plain bore	12	38
VKHT 100/12-45G	100	30	100	Plain bore	12	45

Options



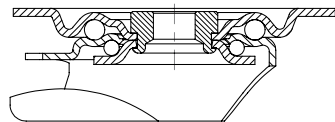
	Teflon-coated stainless steel axle tube Ø 12/8x40 mm	Teflon-coated stainless steel axle tube Ø 12/8x47 mm
Technical description page	85	85
Product code	XAT 12x40	XAT 12x47
Available for	VKHT 100/12-38G	VKHT 100/12-45G



Series: LI-VKHT

Heat-resistant pressed steel castors, top plate fitting, heat-resistant Blickle TempLine® Special wheel with solid rubber tyre

100 kg -30° C - +260° C ✓RoHS



Brackets: LI series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease, teflon-coated stainless steel axle tube.
Bolted wheel axle.
Zinc-plated, blue-passivated, Cr6-free.
Bracket overview: Page 71
Top plate drawings: Page 77
Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: VKHT series - Tyres: Made of heat-resistant solid rubber, 85° shore A, black.
Rims: Made of high-quality, impact-resistant and highly heat-resistant nylon, black.
Bearing type: Plain bore.
Detailed description: Page 386 and 52

Operating temperature: -30° C to +260° C.



Swivel castor	Swivel castor with 'stop-fix' brake	Wheel Ø	Tyre width	Load capacity	Bearing type	Total height	Plate size	Bolt hole spacing	Bolt hole Ø	Offset
		[mm]	[mm]	[kg]		[mm]	[mm]	[mm]	[mm]	[mm]
LI-VKHT 100G	LI-VKHT 100G-FI	100	30	100	Plain bore	125	100 x 85	80 x 60	9	36

Options

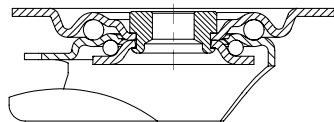


	With bolt hole, Ø 13 mm	With bolt hole, Ø 13 mm, and 'stop-fix' brake
Technical description page	71	80
Product code	LIR-VKHT 100G	LIR-VKHT 100G-FI
Available for		

Series: LIX-VKHT

Heat-resistant stainless steel castors, top plate fitting, heat-resistant Blickle TempLine® Special wheel with solid rubber tyre

100 kg -30° C - +260° C ✓RoHS



Blickle TempLine® Special

Brackets: LIX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications. For environments with strict regulations on cleanliness, hygiene and temperature resistance, the swivel head is supplied without grease ('-OF') as standard, with teflon-coated stainless steel axle tube. All parts are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 72; top plate drawings: Page 77; wheel and swivel head 'stop-fix' brake: Page 80

Wheels: VKHT series - Tyres: Made of heat-resistant solid rubber, 85° shore A, black. Rims: Made of high-quality, impact-resistant and highly heat-resistant nylon, black. Bearing type: Plain bore. Detailed description: Page 386 and 52

Operating temperature: -30° C to +260° C.



Swivel castor	Swivel castor with 'stop-fix' brake	Wheel Ø [mm]	Tyre width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset [mm]
LIX-VKHT 100G-OF	LIXR-VKHT 100G-FI-OF	100	30	100	Plain bore	125	100 x 85	80 x 60	9	36

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Options



	With bolt hole, Ø 13 mm	With bolt hole, Ø 13 mm, and 'stop-fix' brake	With special heat-resistant grease -30° C to +250° C
Technical description page	72	80	
Product code	LIXR-VKHT 100G-OF	LIXR-VKHT 100G-FI-OF	remove suffix -OF
Available for			upon request

Series: POHI

Heat-resistant, thermoplastic Blickle TempLine® Performance wheels

180 - 600 kg -25° C - +250° C ✓RoHS



Tread & tyre hardness	85° shore D
Temperature resistance	-25° C - +250° C
Rolling resistance	excellent
Operating noise	reasonable
Floor surface preservation	reasonable



POHI-wheel series:

Made of high-quality, impact-resistant and highly heat-resistant nylon, 85° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance, colour grey, **suitable for autoclaves** (plain bore and option with stainless steel ball bearing and heat-resistant grease 'HXK'). (Material description page 40)

Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing: Two pressed-in ball bearings, lubricated with special heat-resistant grease.

Other features:

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

Operating temperature: -25° C to +250° C.

Furnace temperatures above +300° C can be tolerated temporarily, but the temperature at the wheel must not exceed +250° C.

Wheel series overview page 52

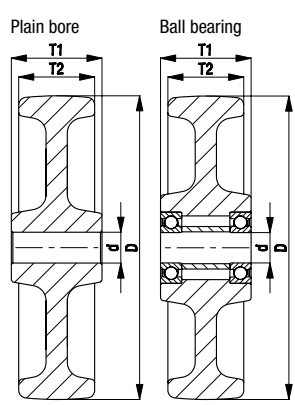
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load cap. up to +70° C [kg]	Load cap. at +170° C [kg]	Load cap. at +250° C [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POHI 81/12G	80	32	180	140	100	Plain bore	12	35
POHI 100/12-35G	100	30	200	160	120	Plain bore	12	35
POHI 100/12-45G	100	30	200	160	120	Plain bore	12	45
POHI 102/12G	100	38	250	200	150	Plain bore	12	45
POHI 102/15G	100	38	250	200	150	Plain bore	15	45
POHI 102/15HK	100	38	250	200	150	Ball bearing	15	40
POHI 125/12G	125	40	300	240	180	Plain bore	12	45
POHI 125/15G	125	40	300	240	180	Plain bore	15	45
POHI 125/15HK	125	40	350	280	210	Ball bearing	15	40
POHI 150/20G	150	50	500	400	300	Plain bore	20	60
POHI 150/20HK	150	50	500	400	300	Ball bearing	20	50
POHI 200/20G	200	50	600	480	360	Plain bore	20	60
POHI 200/20HK	200	50	600	480	360	Ball bearing	20	50



Options

	Natural colour, temperature range -30° C to +170° C *	Teflon-coated stainless steel axle tube Ø 12/8x37 mm	Teflon-coated stainless steel axle tube Ø 12/8x47 mm	With stainless steel ball bearing and heat-resistant grease
Technical description page	40	85	85	61
Product code / - Suffix	POH series	XAT 12x37	XAT 12x47	-HXK
Available for	upon request	POHI 81/12G POHI 100/12-35G	POHI 100/12-45G POHI 102+125/12G	upon request

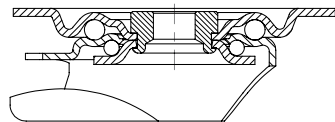
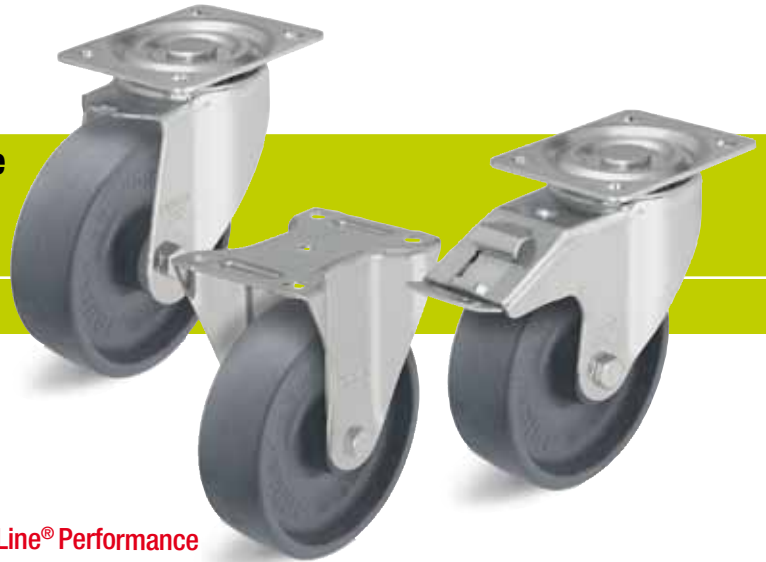
* Operating temperature temporarily up to +220° C



Series: LI-POHI, B-POHI, LIK-POHI, BK-POHI

Heat-resistant pressed steel castors, top plate fitting, with heat-resistant, thermoplastic Blickle TempLine® Performance wheel

150 - 350 kg -25° C - +250° C ✓RoHS



TempLine® Performance

Brackets: LI/B, LIK/BK series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design (LIK series without central kingpin, with heat-resistant swivel head seals). The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease.
Bolted wheel axle.
Zinc-plated, blue-passivated, Cr6-free.
Bracket overview: Page 71 and 72
Top plate drawings: Page 77
Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: POHI series - Made of high-quality, impact-resistant, highly heat-resistant nylon, 85° shore D, grey. Bearing types: Plain bore or two pressed-in ball bearings lubricated with special heat-resistant grease. Detailed description: Page 389 and 52

Operating temperature: -25° C to +250° C.



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load cap. up to +70° C * [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-POHI 81G	B-POHI 81G	LI-POHI 81G-FI	80	32	150	Plain bore	102	100 x 85	80 x 60	9	38
LI-POHI 100G	B-POHI 100G	LI-POHI 100G-FI	100	30	150	Plain bore	125	100 x 85	80 x 60	9	36
LIK-POHI 102G-1	BK-POHI 102G-1	LIK-POHI 102G-1-FI	100	38	250	Plain bore	130	100 x 85	80 x 60	9	45
LIK-POHI 102HK-1	BK-POHI 102HK-1	LIK-POHI 102HK-1-FI	100	38	250	Ball bearing	130	100 x 85	80 x 60	9	45
LI-POHI 125G	B-POHI 125G	LI-POHI 125G-FI	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LIK-POHI 125G-1	BK-POHI 125G-1	LIK-POHI 125G-1-FI	125	40	300	Plain bore	155	100 x 85	80 x 60	9	48
LIK-POHI 125HK-1	BK-POHI 125HK-1	LIK-POHI 125HK-1-FI	125	40	300	Ball bearing	155	100 x 85	80 x 60	9	48
LI-POHI 150G	B-POHI 150G	LI-POHI 150G-FI	150	50	350	Plain bore	190	140 x 110	105 x 75-80	11	60
LI-POHI 150HK	B-POHI 150HK	LI-POHI 150HK-FI	150	50	350	Ball bearing	190	140 x 110	105 x 75-80	11	60
LI-POHI 200G	B-POHI 200G	LI-POHI 200G-FI	200	50	350	Plain bore	235	140 x 110	105 x 75-80	11	65
LI-POHI 200HK	B-POHI 200HK	LI-POHI 200HK-FI	200	50	350	Ball bearing	235	140 x 110	105 x 75-80	11	65

* At higher temperatures the load capacity may be reduced, refer to page 389

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Options



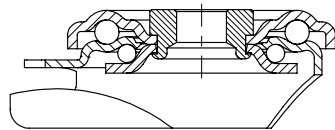
	Natural colour, temperature range -30° C to +170° C **	With teflon-coated stainless steel axle tube
Technical description page	40	85
Product code suffix	POH series	-XAT
Available for	upon request	Ø 80-125 plain bore versions upon request

** Operating temperature temporarily up to +220° C

Series: LIR-POHI

Heat-resistant pressed steel castors, bolt hole fitting, with heat-resistant, thermoplastic Blickle TempLine® Performance wheel

150 kg -25° C - +250° C ✓RoHS



Brackets: LIR series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 71 Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: POHI series - Made of high-quality, impact-resistant, highly heat-resistant nylon, 85° shore D, grey. Bearing types: Plain bore or two pressed-in ball bearings lubricated with special heat-resistant grease. Detailed description: Page 389 and 52

Operating temperature: -25° C to +250° C.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load cap. up to +70° C * [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIR-POHI 81G	LIR-POHI 81G-FI	80	32	150	Plain bore	102	70	13	38
LIR-POHI 100G	LIR-POHI 100G-FI	100	30	150	Plain bore	125	70	13	36
LIR-POHI 102G	LIR-POHI 102G-FI	100	38	150	Plain bore	125	70	13	36
LIR-POHI 102HK	LIR-POHI 102HK-FI	100	38	150	Ball bearing	125	70	13	36
LIR-POHI 125G	LIR-POHI 125G-FI	125	40	150	Plain bore	150	70	13	40
LIR-POHI 125HK	LIR-POHI 125HK-FI	125	40	150	Ball bearing	150	70	13	40

* At higher temperatures the load capacity may be reduced, refer to page 389

Options



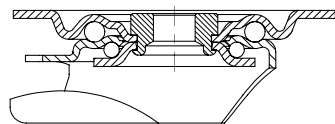
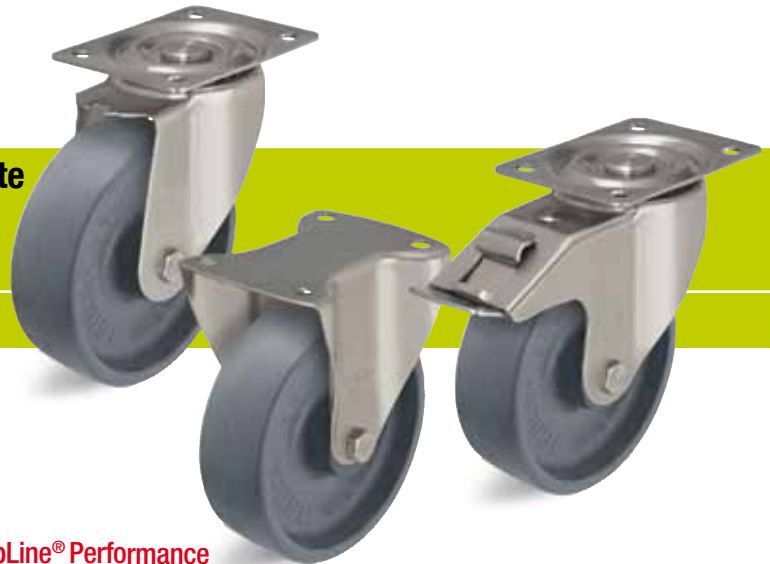
	Natural colour, temperature range -30° C to +170° C **	With teflon-coated stainless steel axle tube
Technical description page	40	85
Product code suffix	POH series	-XAT
Available for	upon request	plain bore versions upon request

** Operating temperature temporarily up to +220° C

Series: LIX-POHI, BX-POHI, LIKX-POHI, BKX-POHI

Heat-resistant stainless steel castors, top plate fitting, with heat-resistant, thermoplastic Blickle TempLine® Performance wheel

150 - 350 kg -25° C - +250° C



Blickle TempLine® Performance

Brackets: LIX/BX, LIKX/BKX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin (LIX series). The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease. All parts are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 72 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: POHI series - Made of high-quality, impact-resistant, highly heat-resistant nylon, 85° shore D, grey. Bearing types: Plain bore or two pressed-in, stainless steel ball bearings lubricated with special heat-resistant grease. Detailed description: Page 389 and 52

Operating temperature: -25° C to +250° C.

Suitable for autoclaves.



Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load cap. up to +70° C * [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIX-POHI 81G	BX-POHI 81G	LIX-POHI 81G-FI	80	32	150	Plain bore	102	100 x 85	80 x 60	9	38
LIX-POHI 100G	BX-POHI 100G	LIX-POHI 100G-FI	100	30	150	Plain bore	125	100 x 85	80 x 60	9	36
LIKX-POHI 102G-1	BKX-POHI 102G-1	LIKX-POHI 102G-1-FI	100	38	250	Plain bore	130	100 x 85	80 x 60	9	45
LIKX-POHI 102HXX-1	BKX-POHI 102HXX-1	LIKX-POHI 102HXX-1-FI	100	38	250	Ball bearing	130	100 x 85	80 x 60	9	45
LIX-POHI 125G	BX-POHI 125G	LIX-POHI 125G-FI	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LIKX-POHI 125G-1	BKX-POHI 125G-1	LIKX-POHI 125G-1-FI	125	40	300	Plain bore	155	100 x 85	80 x 60	9	48
LIKX-POHI 125HXX-1	BKX-POHI 125HXX-1	LIKX-POHI 125HXX-1-FI	125	40	300	Ball bearing	155	100 x 85	80 x 60	9	48
LIX-POHI 150G	BX-POHI 150G	LIX-POHI 150G-FI	150	50	350	Plain bore	190	140 x 110	105 x 75-80	11	60
LIX-POHI 150HXX	BX-POHI 150HXX	LIX-POHI 150HXX-FI	150	50	350	Ball bearing	190	140 x 110	105 x 75-80	11	60
LIX-POHI 200G	BX-POHI 200G	LIX-POHI 200G-FI	200	50	350	Plain bore	235	140 x 110	105 x 75-80	11	65
LIX-POHI 200HXX	BX-POHI 200HXX	LIX-POHI 200HXX-FI	200	50	350	Ball bearing	235	140 x 110	105 x 75-80	11	65

* At higher temperatures the load capacity may be reduced, refer to page 389

Options



	Natural colour, temperature range -30° C to +170° C **	Swivel head without grease, very smooth running performance	With teflon-coated stainless steel axle tube
Technical description page	40		85
Product code suffix	POH series	-OF	-XAT
Available for	upon request	LIX series wheel Ø 100 mm	Ø 80-125 plain bore versions upon request

** Operating temperature temporarily up to +220° C

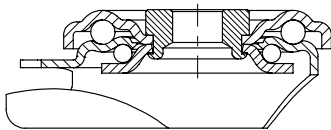
Series: LIXR-POHI

Heat-resistant stainless steel castors, bolt hole fitting, with heat-resistant, thermoplastic Blickle TempLine® Performance wheel

150 kg

-25° C - +250° C

✓RoHS



Blickle TempLine® Performance

Brackets: LIXR series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease. All parts are corrosion-resistant. Bolted wheel axle. Vibration-ground finished. Bracket overview: Page 72 Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: POHI series - Made of high-quality, impact-resistant, highly heat-resistant nylon, 85° shore D, grey. Bearing types: Plain bore or two pressed-in, stainless steel ball bearings lubricated with special heat-resistant grease. Detailed description: Page 389 and 52

Operating temperature: -25° C to +250° C.

Suitable for autoclaves.



Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load cap. up to +70° C * [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIXR-POHI 81G	LIXR-POHI 81G-FI	80	32	150	Plain bore	102	70	13	38
LIXR-POHI 100G	LIXR-POHI 100G-FI	100	30	150	Plain bore	125	70	13	36
LIXR-POHI 102G	LIXR-POHI 102G-FI	100	38	150	Plain bore	125	70	13	36
LIXR-POHI 102HKK	LIXR-POHI 102HKK-FI	100	38	150	Ball bearing	125	70	13	36
LIXR-POHI 125G	LIXR-POHI 125G-FI	125	40	150	Plain bore	150	70	13	40
LIXR-POHI 125HKK	LIXR-POHI 125HKK-FI	125	40	150	Ball bearing	150	70	13	40

* At higher temperatures the load capacity may be reduced, refer to page 389

Options



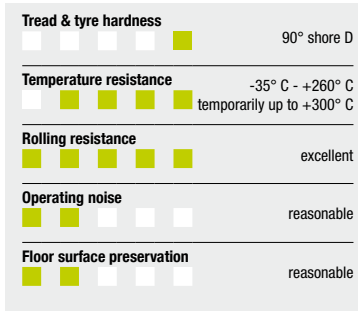
	Natural colour, temperature range -30° C to +170° C **	Swivel head without grease, very smooth running performance	With teflon-coated stainless steel axle tube
Technical description page	40		85
Product code suffix	POH series	-OF	-XAT
Available for	upon request	wheel Ø 100 mm	plain bore versions upon request

** Operating temperature temporarily up to +220° C

Series: PHN

Heat-resistant Blickle TempLine® Classic thermoset wheels

100 - 500 kg -35° C - +260° C ✓RoHS



PHN-wheel series:

Made of phenolic resin, 90° shore D hardness, very high static load capacity, smooth running performance on even floors, colour black. (Material description page 40)

Bearing types:

- Plain bore, corrosion-resistant
- Ball bearing ('HK'): Two pressed-in ball bearings, lubricated with special heat-resistant grease.
- Ball bearing ('IK'): Two pressed-in, special heat-resistant ball bearings (oven bearings).

Other features:

High chemical resistance to many aggressive substances (material description page 40).

Operating temperature:

- Plain bore version: -35° C to +260° C, temporarily up to +300° C
- Ball bearing version ('HK'): -25° C to +250° C
- Ball bearing version ('IK'): -30° C to +260° C

Wheels are only conditionally suitable for uneven floors and crossing thresholds due to the abrasive effect on the material and the limited mechanical stability of phenolic resin.

Wheel series overview page 53

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PHN 81/12G	80	32	100	Plain bore	12	35
PHN 80/12G	80	35	110	Plain bore	12	40
PHN 100/12-35G	100	30	125	Plain bore	12	35
PHN 100/12-45G	100	30	125	Plain bore	12	45
PHN 102/12G	100	38	200	Plain bore	12	45
PHN 102/15G	100	38	200	Plain bore	15	45
PHN 102/15HK	100	38	200	Ball bearing	15	40
PHN 102/15IK	100	38	200	Ball bearing	15	40
PHN 125/12G	125	40	200	Plain bore	12	45
PHN 125/15G	125	40	200	Plain bore	15	45
PHN 125/15HK	125	40	200	Ball bearing	15	40
PHN 125/15IK	125	40	200	Ball bearing	15	40
PHN 150/20G	150	50	300	Plain bore	20	60
PHN 150/20HK	150	50	300	Ball bearing	20	50
PHN 150/20IK	150	50	300	Ball bearing	20	50
PHN 200/20G *	200	50	500	Plain bore	20	60

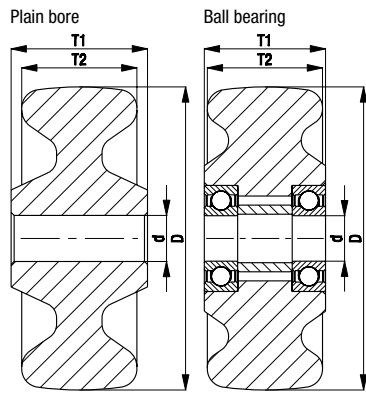
* Operating temperature: -30° C to +230° C

19



Options

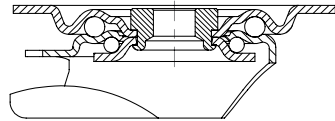
	Teflon-coated stainless steel axle tube Ø 12/8x37 mm	Teflon-coated stainless steel axle tube Ø 12/8x47 mm
Technical description page	85	85
Product code	XAT 12x37	XAT 12x47
Available for	PHN 81/12G PHN 100/12-35G	PHN 100/12-45G PHN 102 + 125/12G



Series: LI-PHN, B-PHN

Heat-resistant pressed steel castors with top plate fitting, with heat-resistant Blickle TempLine® Classic thermoset wheel

100 - 350 kg -35° C - +260° C ✓RoHS



Brackets: LI/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease.
Plain bore versions (wheel Ø 80-125 mm) with teflon-coated stainless steel axle tube.
Bolted wheel axle.
Zinc-plated, blue-passivated, Cr6-free.
Bracket overview: Page 71
Top plate drawings: Page 77

Wheels: PHN series - Made of phenolic resin, 90° shore D, black.
Bearing types: Plain bore, two pressed-in ball bearings ('HK') lubricated with special heat-resistant grease or two pressed-in oven bearings ('IK').
Detailed description: Page 394 and 53

Operating temperature: -35° C to +260° C, temporarily up to +300° C.



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-PHN 81G	B-PHN 81G	80	32	100	Plain bore	102	100 x 85	80 x 60	9	38
LI-PHN 100G	B-PHN 100G	100	30	125	Plain bore	125	100 x 85	80 x 60	9	36
LI-PHN 102G	B-PHN 102G	100	38	150	Plain bore	125	100 x 85	80 x 60	9	36
LI-PHN 102HK *	B-PHN 102HK *	100	38	150	Ball bearing	125	100 x 85	80 x 60	9	36
LI-PHN 102IK	B-PHN 102IK	100	38	150	Ball bearing	125	100 x 85	80 x 60	9	36
LI-PHN 125G	B-PHN 125G	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LI-PHN 125HK *	B-PHN 125HK *	125	40	150	Ball bearing	150	100 x 85	80 x 60	9	40
LI-PHN 125IK	B-PHN 125IK	125	40	150	Ball bearing	150	100 x 85	80 x 60	9	40
LI-PHN 150G	B-PHN 150G	150	50	300	Plain bore	190	140 x 110	105 x 75-80	11	60
LI-PHN 150HK *	B-PHN 150HK *	150	50	300	Ball bearing	190	140 x 110	105 x 75-80	11	60
LI-PHN 150IK	B-PHN 150IK	150	50	300	Ball bearing	190	140 x 110	105 x 75-80	11	60
LI-PHN 200G **	B-PHN 200G **	200	50	350	Plain bore	235	140 x 110	105 x 75-80	11	65

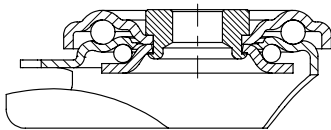
* Operating temperature: -25° C to +250° C

** Operating temperature: -30° C to +230° C

Series: LIR-PHN

Heat-resistant pressed steel castors with bolt hole fitting, with heat-resistant Blickle TempLine® Classic thermoset wheel

100 - 150 kg -35° C - +260° C ✓RoHS



Brackets: LIR series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease. Plain bore versions with teflon-coated stainless steel axle tube. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 71

Wheels: PHN series - Made of phenolic resin, 90° shore D, black. Bearing types: Plain bore, two pressed-in ball bearings ('HK') lubricated with special heat-resistant grease or two pressed-in oven bearings ('IK'). Detailed description: Page 394 and 53

Operating temperature: -35° C to +260° C, temporarily up to +300° C.



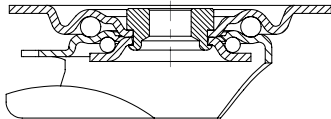
Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIR-PHN 81G	80	32	100	Plain bore	102	70	13	38
LIR-PHN 100G	100	30	125	Plain bore	125	70	13	36
LIR-PHN 102G	100	38	150	Plain bore	125	70	13	36
LIR-PHN 102HK *	100	38	150	Ball bearing	125	70	13	36
LIR-PHN 102IK	100	38	150	Ball bearing	125	70	13	36
LIR-PHN 125G	125	40	150	Plain bore	150	70	13	40
LIR-PHN 125HK *	125	40	150	Ball bearing	150	70	13	40
LIR-PHN 125IK	125	40	150	Ball bearing	150	70	13	40

* Operating temperature: -25° C to +250° C

Series: LIX-PHN, BX-PHN

Heat-resistant stainless steel castors with top plate fitting, with heat-resistant Blickle TempLine® Classic thermoset wheel

100 - 350 kg -35° C - +260° C ✓RoHS



Blickle TempLine® Classic

Brackets: LIX/BX series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), swivel bracket with double ball bearing in the swivel head, strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease.
 Wheel Ø 80-125 mm with teflon-coated stainless steel axle tube. All parts are corrosion-resistant.
 Bolted wheel axle.
 Vibration-ground finished.
 Bracket overview: Page 72
 Top plate drawings: Page 77

Wheels: PHN series - Made of phenolic resin, 90° shore D, black.
 Bearing type: Plain bore.
 Detailed description: Page 394 and 53

Operating temperature: -35° C to +260° C, temporarily up to +300° C.



Swivel castors	Fixed castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIX-PHN 81G	BX-PHN 81G	80	32	100	Plain bore	102	100 x 85	80 x 60	9	38
LIX-PHN 100G	BX-PHN 100G	100	30	125	Plain bore	125	100 x 85	80 x 60	9	36
LIX-PHN 102G	BX-PHN 102G	100	38	150	Plain bore	125	100 x 85	80 x 60	9	36
LIX-PHN 125G	BX-PHN 125G	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LIX-PHN 150G	BX-PHN 150G	150	50	300	Plain bore	190	140 x 110	105 x 75-80	11	60
LIX-PHN 200G *	BX-PHN 200G *	200	50	350	Plain bore	235	140 x 110	105 x 75-80	11	65

* Operating temperature: -30° C to +230° C

Options



Swivel head without grease, very smooth running performance

Technical description page

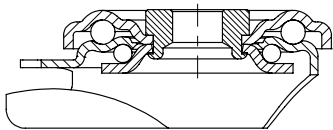
Product code suffix **-OF**

Available for wheel Ø 100 mm

Series: LIXR-PHN

Heat-resistant stainless steel castors with bolt hole fitting, with heat-resistant Blickle TempLine® Classic thermoset wheel

100 - 150 kg -35° C - +260° C ✓RoHS



Brackets: LIXR series - Made of pressed high-quality, chromium-nickel stainless steel (Material No. 1.4301/AISI 304), with double ball bearing in the swivel head, strong central kingpin. The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease.
 With teflon-coated stainless steel axle tube.
 All parts are corrosion-resistant.
 Bolted wheel axle.
 Vibration-ground finished.
 Bracket overview: Page 72

Wheels: PHN series - Made of phenolic resin, 90° shore D, black.
 Bearing type: Plain bore.
 Detailed description: Page 394 and 53

Operating temperature: -35° C to +260° C, temporarily up to +300° C.



Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset [mm]
LIXR-PHN 81G	80	32	100	Plain bore	102	70	13	38
LIXR-PHN 100G	100	30	125	Plain bore	125	70	13	36
LIXR-PHN 102G	100	38	150	Plain bore	125	70	13	36
LIXR-PHN 125G	125	40	150	Plain bore	150	70	13	40

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Options



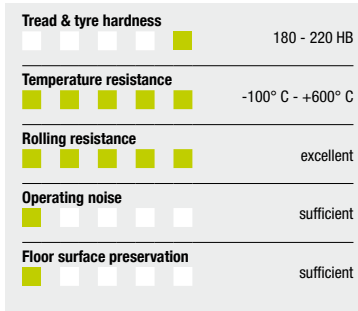
Swivel head without grease, very smooth running performance

Technical description page	
Product code suffix	-OF
Available for	wheel Ø 100 mm

Series: G

Cast iron wheels

250 - 1400 kg -100° C - +600° C ✓RoHS



G-wheel series:

Made of rugged grey cast iron, machined tread and tread edges, with grease nipple, exceptionally low rolling and swivel resistance, outstanding wear resistance, lacquered, colour silver. (Material description page 40)

Bearing types:

- Plain bore
- Ball bearing: Two pressed-in, special heat-resistant ball bearings (oven bearings).

Other features:

For chemical resistance refer to material description page 40.

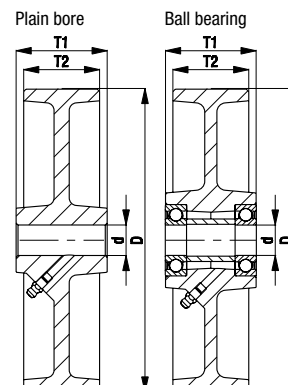
Operating temperature:

- Plain bore version: -100° C to +600° C
 - Ball bearing version: -30° C to +300° C
- For plain bore versions, a temperature specific grease must be regularly applied.

The relatively high floor pressure should be considered for pressure-sensitive floors.

Wheel series overview page 50

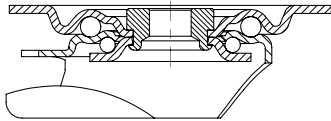
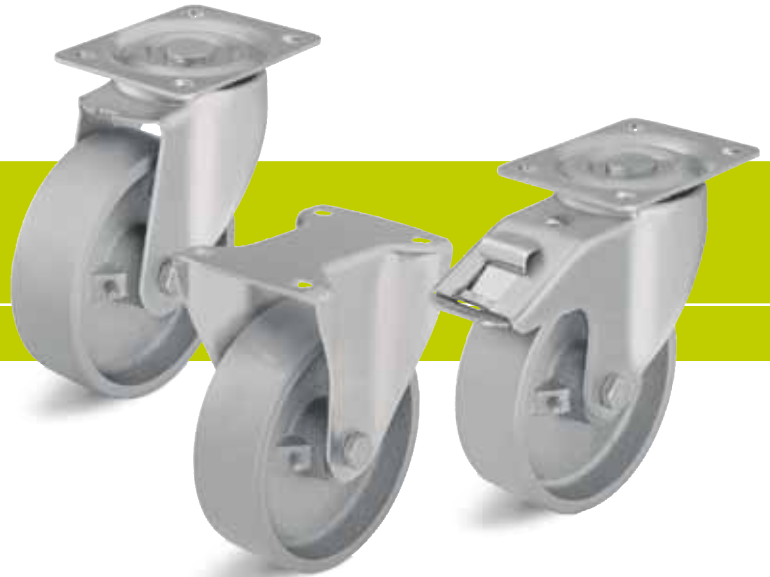
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load cap. up to +70° C [kg]	Load cap. at +300° C [kg]	Load cap. at +600° C [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
G 80/12G	80	25	250	200	130	Plain bore	12	35
G 100/15G	100	35	400	320	220	Plain bore	15	45
G 100/15IK	100	35	400	320	-	Ball bearing	15	40
G 125/15G	125	35	450	360	250	Plain bore	15	45
G 125/15IK	125	35	450	360	-	Ball bearing	15	45
G 127/20G	125	50	750	600	430	Plain bore	20	60
G 127/20IK	125	50	750	370	-	Ball bearing	20	60
G 150/20G	150	50	900	720	520	Plain bore	20	60
G 150/20IK	150	50	900	450	-	Ball bearing	20	60
G 200/20G	200	50	1100	880	630	Plain bore	20	60
G 200/20IK	200	50	1000	500	-	Ball bearing	20	60
G 250/25G	250	60	1400	1100	800	Plain bore	25	65
G 250/25IK	250	60	1300	650	-	Ball bearing	25	70



Series: LI-G, BI-G, LIK-G, BIK-G

Heat-resistant pressed steel castors with top plate fitting, with cast iron wheel

150 - 350 kg -30° C - +270° C ✓RoHS



Brackets: LI/BI, LIK/BIK series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate design (LIK series without central kingpin, with heat-resistant swivel head seals). The special Blickle dynamic riveting process of the swivel head results in smooth rolling characteristics, increased service life and the swivel head play is set specifically for high temperature applications, with special heat-resistant grease.

Bolted wheel axle.
Zinc-plated, blue-passivated, Cr6-free.
Bracket overview: Page 71 and 72
Top plate drawings: Page 77
Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: G series - Made of grey cast iron, with grease nipple, lacquered, silver.
Bearing types: Plain bore or two pressed-in oven bearings ('IK').
Detailed description: Page 399 and 50

Operating temperature: -30° C to +270° C, temporarily up to +300° C.
For plain bore versions, a temperature specific grease must be regularly applied.

Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load cap. up to +70° C * [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LI-G 80G	BI-G 80G	LI-G 80G-FI	80	25	150	Plain bore	102	100 x 85	80 x 60	9	38
LI-G 100G	BI-G 100G	LI-G 100G-FI	100	35	150	Plain bore	125	100 x 85	80 x 60	9	36
LI-G 100IK	BI-G 100IK	LI-G 100IK-FI	100	35	150	Ball bearing	125	100 x 85	80 x 60	9	36
LIK-G 100G-1	BIK-G 100G-1	LIK-G 100G-1-FI	100	35	350	Plain bore	130	100 x 85	80 x 60	9	45
LIK-G 100IK-1	BIK-G 100IK-1	LIK-G 100IK-1-FI	100	35	350	Ball bearing	130	100 x 85	80 x 60	9	45
LI-G 125G	BI-G 125G	LI-G 125G-FI	125	35	150	Plain bore	150	100 x 85	80 x 60	9	40
LI-G 125IK	BI-G 125IK	LI-G 125IK-FI	125	35	150	Ball bearing	150	100 x 85	80 x 60	9	40
LIK-G 125G-1	BIK-G 125G-1	LIK-G 125G-1-FI	125	35	350	Plain bore	155	100 x 85	80 x 60	9	48
LIK-G 125IK-1	BIK-G 125IK-1	LIK-G 125IK-1-FI	125	35	350	Ball bearing	155	100 x 85	80 x 60	9	48
LI-G 150G	BI-G 150G	LI-G 150G-FI	150	50	350	Plain bore	190	140 x 110	105 x 75-80	11	60
LI-G 150IK	BI-G 150IK	LI-G 150IK-FI	150	50	350	Ball bearing	190	140 x 110	105 x 75-80	11	60
LI-G 200G	BI-G 200G	LI-G 200G-FI	200	50	350	Plain bore	235	140 x 110	105 x 75-80	11	65
LI-G 200IK	BI-G 200IK	LI-G 200IK-FI	200	50	350	Ball bearing	235	140 x 110	105 x 75-80	11	65

* At higher temperatures the load capacity may be reduced, refer to page 399

