

Heat-resistant wheels and castors



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POH	POHI	PHN	G
Highly heat-resistant nylon	Highly heat-resistant thermoplastic	Phenolic resin	Grey cast iron
85 Shore D	85 Shore D	90 Shore D	180–220 HB
✓	✓	–	–
highly heat-resistant nylon	highly heat-resistant thermoplastic	phenolic resin	grey cast iron
80–200 mm	80–200 mm	80–200 mm	80–250 mm
720 kg	600 kg	500 kg	1,400 kg
-25 to +170 °C temporarily up to +200 °C	-25 to +250 °C temporarily up to +300 °C	-35 to +260 °C temporarily up to +300 °C	-100 to +600 °C
✓*	✓*	–	–
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page 453	page 458	page 463	page 468
page 454–457	page 459–462	page 464–467	page 469–470

* Plain bore and version with stainless steel ball bearing with heat-resistant grease "HXK"

VEHI series

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



65–180 kg

-25 °C to +200 °C

Tread and tyre hardness

80 Shore A

Smooth operation / floor preservation

very good

Rolling resistance

satisfactory

Wear resistance

sufficient

Tyre:

- highly heat-resistant solid rubber, hardness 80 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- high tear resistance
- colour black

Rim:

- pressed steel
- zinc-plated, blue-passivated, Cr6-free

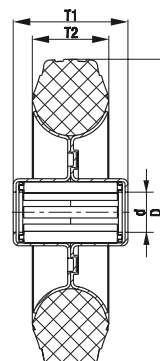
Other features:

- chemical resistance to many aggressive substances, except oils
- operating temperature: -25 °C to +200 °C
- majority of tyre flattening recovers when in motion under load
- passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected

Wheels	Wheel Ø	Tyre width	Load capacity	Bearing type	Axle bore Ø	Hub length
	(D) [mm]	(T2) [mm]	[kg]		(d) [mm]	(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

Additional details:

- wheel series: page 70
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51



LI-VEHI, B-VEHI series

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



65–180 kg

-25 °C to +200 °C

Bracket: LI/B series

- pressed steel, zinc-plated, blue-passivated, Cr6-free

Swivel bracket:

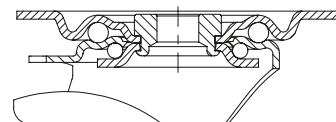
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

Wheel: VEHI series

- tyre: highly heat-resistant solid rubber, hardness 80 Shore A, colour black
- rim: pressed steel, zinc-plated, blue-passivated, Cr6-free

Additional details:

- bracket series: page 97
- brakes: page 112–113
- wheel series: page 442
- bearing types: page 84–85



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	38
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

LIR-VEHI series

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



Blickle TempLine® Basic

65–90 kg

-25 °C to +200 °C

Bracket: LIR series

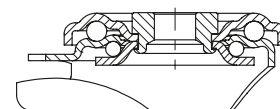
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

Wheel: VEHI series

- tyre: highly heat-resistant solid rubber, hardness 80 Shore A, colour black
- rim: pressed steel, zinc-plated, blue-passivated, Cr6-free

Additional details:

- bracket series: page 97
- brakes: page 112–113
- wheel series: page 442
- bearing types: page 84–85



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 swivel castor [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	38

VKHT series

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



100 kg

-30 °C to +260 °C

Tread and tyre hardness	85 Shore A
Smooth operation / floor preservation	good
Rolling resistance	satisfactory
Wear resistance	satisfactory

- Tyre:**
- highly heat-resistant solid rubber, hardness 85 Shore A
 - high tear resistance
 - colour black

- Rim:**
- highly heat-resistant nylon 6, impact resistant
 - colour black

- Other features:**
- high chemical resistance to many aggressive substances, except oils
 - operating temperature: -30 °C to +260 °C
 - oven temperature temporarily up to +300 °C, wheel temperature must not exceed +260 °C
 - tyre flattening recovers when in motion under load

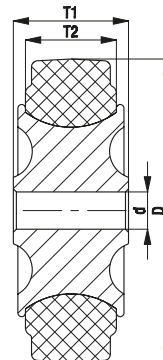
- Additional details:**
- wheel series: page 71
 - tread: page 52
 - bearing types: page 84–85
 - chemical resistance: page 51

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

Versions / options



	PTFE coated stainless steel axle tube Ø 12/8x40 mm	PTFE coated stainless steel axle tube Ø 12/8x47 mm
Technical description page	117	117
Product code suffix	XAT 12x40	XAT 12x47
Available for	VKHT 100/12-38G	VKHT 100/12-45G



LI-VKHT series

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



100 kg

-30 °C to +260 °C

Bracket: LI series

- pressed steel, zinc-plated, blue-passivated, Cr6-free, colour zinc-plated, blue-passivated
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease
- PTFE coated stainless steel axle tube

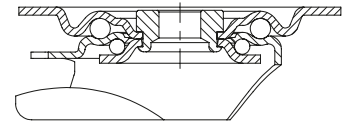
Wheel: VKHT series

- tyre: highly heat-resistant solid rubber, hardness 85 Shore A, colour black
- rim: highly heat-resistant nylon 6, impact resistant, colour black

Additional details:

- bracket series: page 97
- brakes: page 112–113
- wheel series: page 445
- bearing types: page 84–85

Blickle TempLine® Special



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

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Versions / options



	with bolt hole, Ø 13 mm	with bolt hole, Ø 13 mm and "stop-fix" brake
Technical description page	97	112
Product code suffix	LIR-VKHT 100G	LIR-VKHT 100G-FI
Available for		

LIX-VKHT series

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

100 kg

-30 °C to +260 °C

Bracket: LIX series

- high-quality chromium-nickel steel (1.4301/ AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- grease-free as standard ("-OF")
- PTFE coated stainless steel axle tube
- all parts including axle material are corrosion-resistant

Wheel: VKHT series

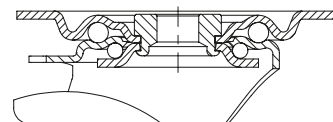
- tyre: highly heat-resistant solid rubber, hardness 85 Shore A, colour black
- rim: highly heat-resistant nylon 6, impact resistant, colour black

Additional details:

- bracket series: page 98
- brakes: page 112–113
- wheel series: page 445
- bearing types: page 84–85



Blickle TempLine® Special



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

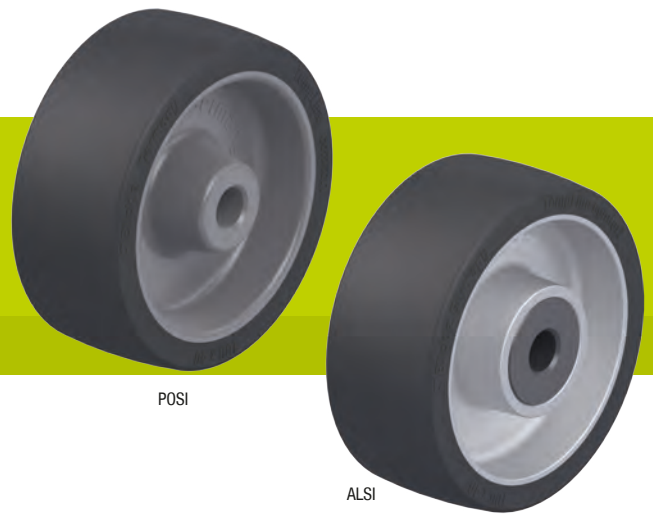
Versions / options



	with bolt hole, Ø 13 mm	with bolt hole, Ø 13 mm and "stop-fix" brake	with highly heat-resistant grease -30 °C to +250 °C
Technical description page	98	112	
Product code suffix	LIXR-VKHT 100G-OF	LIXR-VKHT 100G-FI-OF	remove -OF suffix
Available for			upon request

POSI, ALSI series

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



80–120 kg

-25 °C to +250 °C

Tread and tyre hardness

75 Shore A

Smooth operation / floor preservation

very good

Rolling resistance

good

Wear resistance

satisfactory



Tread:

- highly heat-resistant silicone rubber, hardness 75 Shore A
- highly elastic
- very good operational comfort
- very good floor preservation, low-noise operation
- ageing resistant
- colour black
- vulcanised onto the wheel centre

Wheel centre:

- series POSI: highly heat-resistant thermoplastic, impact resistant, colour dark grey
- series ALSI: die-cast aluminium

Other features:

- very high chemical resistance to many aggressive substances
- operating temperature: -25 °C to +250 °C
- oven temperature temporarily up to +300 °C, wheel temperature must not exceed +250 °C
- POSI series: **suitable for autoclaves**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POSI series						
POSI 101/12G	100	35	80	plain bore	12	38
POSI 100/12G	100	40	100	plain bore	12	45
POSI 125/12G	125	40	120	plain bore	12	45
ALSI series						
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

Additional details:

- wheel series: page 71
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

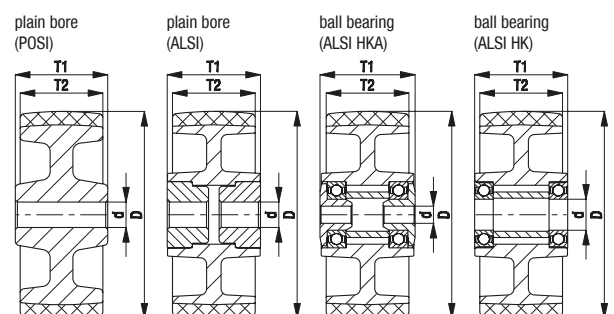
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Versions / options



	with non-marking grey tyre	PTFE coated stainless steel axle tube Ø 12/8x40 mm	PTFE coated stainless steel axle tube Ø 12/8x47 mm
Technical description page	52	117	117
Product code suffix	-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



LI-POSI, B-POSI, LI-ALSI, B-ALSI series

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



100–120 kg

-25 °C to +250 °C

Bracket: LI/B series

- pressed steel, zinc-plated, blue-passivated, Cr6-free
- passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected

Swivel bracket:

- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

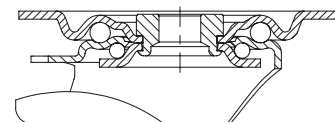
Wheel: POSI, ALSI series

- tread: highly heat-resistant silicone rubber, hardness 75 Shore A, colour black
- wheel centre:
 - POSI series: highly heat-resistant thermoplastic, impact resistant, colour dark grey
 - ALSI series: die-cast aluminium

Additional details:

- bracket series: page 97
- brakes: page 112–113
- wheel series: page 448
- bearing types: page 84–85

TempLine® Comfort



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 series											
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-POSI 125G	B-POSI 125G	LI-POSI 125G-FI	125	40	120	plain bore	150	100 x 85	80 x 60	9	38
LI-ALSI series											
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

Versions / options



	image LI-ALSI	with non-marking grey tyre	with PTFE coated stainless steel axle tube
Technical description page		52	117
Product code suffix		-SG	-XAT
Available for		wheel Ø 125 mm*	plain bore versions upon request

* Operating temperature: up to +240 °C

LIR-POSI, LIR-ALSI series

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



Blickle TempLine® Comfort

100–120 kg

-25 °C to +250 °C

Bracket: LIR series

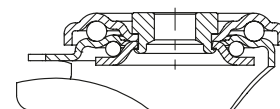
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

Wheel: POSI, ALSI series

- tread: highly heat-resistant silicone rubber, hardness 75 Shore A, colour black
- wheel centre: POSI series: highly heat-resistant thermoplastic, impact resistant, colour dark grey ALSI series: die-cast aluminium

Additional details:

- bracket series: page 97
- brakes: page 112–113
- wheel series: page 448
- bearing types: page 84–85



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 swivel castor [mm]
LIR-POSI series									
LIR-POSI 100G	LIR-POSI 100G-FI	100	40	100	plain bore	125	70	13	36
LIR-POSI 125G	LIR-POSI 125G-FI	125	40	120	plain bore	150	70	13	38
LIR-ALSI series									
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

Versions / options



	image LIR-ALSI	with non-marking grey tyre	with PTFE coated stainless steel axle tube
Technical description page		52	117
Product code suffix		-SG	-XAT
Available for		wheel Ø 125 mm*	plain bore versions upon request

* Operating temperature: up to +240 °C

LIX-POSI, BX-POSI series

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



100–120 kg

-25 °C to +250 °C

Bracket: LIX/BX series

- high-quality chromium-nickel steel (1.4301/ AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:

- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- grease-free as standard (“-OF”)

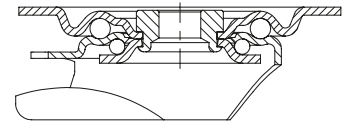
Wheel: POSI series

- tread: highly heat-resistant silicone rubber, hardness 75 Shore A, colour black
- wheel centre: highly heat-resistant thermoplastic, impact resistant, colour dark grey

suitable for autoclaves

Additional details:

- bracket series: page 98
- brakes: page 112–113
- wheel series: page 448
- bearing types: page 84–85



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	38

Versions / options



	with non-marking grey tyre	with highly heat-resistant grease -30 °C to +250 °C	with PTFE coated stainless steel axle tube
Technical description page	52		117
Product code suffix	-SG	remove -OF suffix	-XAT
Available for	wheel Ø 125 mm*	swivel castors upon request	upon request

* Operating temperature: up to +240 °C

LIXR-POSI series

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



100–120 kg

-25 °C to +250 °C

Bracket: LIXR series

- high-quality chromium-nickel steel (1.4301/ AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- grease-free as standard (“-OF”)
- all parts including axle material are corrosion-resistant

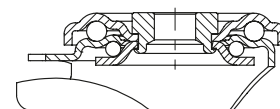
Wheel: POSI series

- tread: highly heat-resistant silicone rubber, hardness 75 Shore A, colour black
- wheel centre: highly heat-resistant thermoplastic, impact resistant, colour dark grey

suitable for autoclaves

Additional details:

- bracket series: page 98
- brakes: page 112–113
- wheel series: page 448
- bearing types: page 84–85



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 swivel castor [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	38

Versions / options



	with non-marking grey tyre	with highly heat-resistant grease -30 °C to +250 °C	with PTFE coated stainless steel axle tube
Technical description page	52		117
Product code suffix	-SG	remove -OF suffix	-XAT
Available for	wheel Ø 125 mm*	upon request	upon request

* Operating temperature: up to +240 °C

POH series

Heat-resistant

Blickle TempLine® PerformanceLight nylon wheels



215–720 kg

-25 °C to +170 °C

Tread and tyre hardness

85 Shore D

Smooth operation / floor preservation

satisfactory

Rolling resistance

excellent

Wear resistance

good

TempLine® PerformanceLight

Wheel:

- highly heat-resistant nylon, impact resistant, hardness 85 Shore D
- excellent rolling and swivel resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour natural
- suitable for autoclaves** (plain bore and version with stainless steel ball bearing with heat-resistant grease “-HXK”)

Other features:

- high chemical resistance to many aggressive substances
- operating temperature: -25 °C to +170 °C
- oven temperature temporarily up to +200 °C, wheel temperature must not exceed +170 °C
- long-term use in high temperatures may cause the colour to change, but will not affect load capacity

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity up to +70 °C [kg]	Load capacity at +170 °C [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POH 81/12G	80	32	215	140	plain bore	12	35
POH 100/12-35G	100	30	240	160	plain bore	12	35
POH 100/12-45G	100	30	240	160	plain bore	12	45
POH 102/12G	100	38	300	200	plain bore	12	45
POH 102/15G	100	38	300	200	plain bore	15	45
POH 102/15HK	100	38	300	200	ball bearing	15	40
POH 125/12G	125	40	360	240	plain bore	12	45
POH 125/15G	125	40	360	240	plain bore	15	45
POH 125/15HK	125	40	420	280	ball bearing	15	40
POH 150/20G	150	50	600	400	plain bore	20	60
POH 150/20HK	150	50	600	400	ball bearing	20	50
POH 200/20G	200	50	720	480	plain bore	20	60
POH 200/20HK	200	50	720	480	ball bearing	20	50

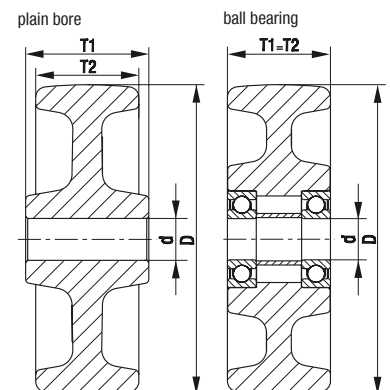
Additional details:

- wheel series: page 71
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Versions / options



	PTFE coated stainless steel axle tube Ø 12/8x37 mm	PTFE coated stainless steel axle tube Ø 12/8x47 mm	with stainless steel ball bearing with heat-resistant grease	with heavy-duty wheel centre for higher loads
Technical description page	117	117	84	
Product code suffix	XAT 12x37	XAT 12x47	-HXK	SPOH series
Available for	POH 81/12G POH 100/12-35G	POH 100/12-45G POH 102+125/12G	all ball bearing versions	upon request



LI-POH, B-POH, LIK-POH, BK-POH series
**Heat-resistant pressed steel castors, top plate,
 with heat-resistant
 Blickle TempLine® PerformanceLight nylon wheel**



150–350 kg

-25 °C to +170 °C

Bracket: LI/B, LIK/BK series

- pressed steel, zinc-plated, blue-passivated, Cr6-free
- passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected

Swivel bracket:

- double ball bearing in the swivel head
- strong central kingpin (series LIK without central kingpin, with heat-resistant swivel head seal)
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

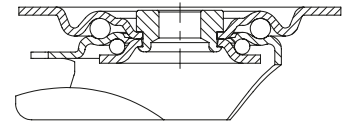
Wheel: POH series

- highly heat-resistant nylon, impact resistant, hardness 85 Shore D, colour natural

Additional details:

- bracket series: page 97–98
- brakes: page 112–113
- wheel series: page 453
- bearing types: page 84–85

TempLine® PerformanceLight



Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity 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-POH 81G	B-POH 81G	LI-POH 81G-FI	80	32	150	plain bore	102	100 x 85	80 x 60	9	38
LI-POH 100G	B-POH 100G	LI-POH 100G-FI	100	30	150	plain bore	125	100 x 85	80 x 60	9	36
LIK-POH 102G-1	BK-POH 102G-1	LIK-POH 102G-1-FI	100	38	300	plain bore	130	100 x 85	80 x 60	9	45
LIK-POH 102HK-1	BK-POH 102HK-1	LIK-POH 102HK-1-FI	100	38	300	ball bearing	130	100 x 85	80 x 60	9	45
LI-POH 125G	B-POH 125G	LI-POH 125G-FI	125	40	150	plain bore	150	100 x 85	80 x 60	9	38
LIK-POH 125G-1	BK-POH 125G-1	LIK-POH 125G-1-FI	125	40	350	plain bore	155	100 x 85	80 x 60	9	48
LIK-POH 125HK-1	BK-POH 125HK-1	LIK-POH 125HK-1-FI	125	40	350	ball bearing	155	100 x 85	80 x 60	9	48
LI-POH 150G	B-POH 150G	LI-POH 150G-FI	150	50	350	plain bore	190	140 x 110	105 x 75–80	11	60
LI-POH 150HK	B-POH 150HK	LI-POH 150HK-FI	150	50	350	ball bearing	190	140 x 110	105 x 75–80	11	60
LI-POH 200G	B-POH 200G	LI-POH 200G-FI	200	50	350	plain bore	235	140 x 110	105 x 75–80	11	65
LI-POH 200HK	B-POH 200HK	LI-POH 200HK-FI	200	50	350	ball bearing	235	140 x 110	105 x 75–80	11	65

Load capacity may be reduced in temperatures over +70 °C, see page 453.

Versions / options



with PTFE coated stainless steel axle tube

Technical description page	117
Product code suffix	-XAT
Available for	Ø 80–125 mm plain bore versions upon request

LIR-POH series

Heat-resistant pressed steel castors, with bolt hole, with heat-resistant Blickle TempLine® PerformanceLight nylon wheel



150 kg

-25 °C to +170 °C

Bracket: LIR series

- pressed steel, zinc-plated, blue-passivated, Cr6-free
- passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

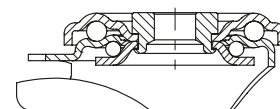
Wheel: POH series

- highly heat-resistant nylon, impact resistant, hardness 85 Shore D, colour natural

Additional details:

- bracket series: page 97
- brakes: page 112–113
- wheel series: page 453
- bearing types: page 84–85

TempLine® PerformanceLight



Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity up to +70 °C [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIR-POH 81G	LIR-POH 81G-FI	80	32	150	plain bore	102	70	13	38
LIR-POH 100G	LIR-POH 100G-FI	100	30	150	plain bore	125	70	13	36
LIR-POH 102G	LIR-POH 102G-FI	100	38	150	plain bore	125	70	13	36
LIR-POH 102HK	LIR-POH 102HK-FI	100	38	150	ball bearing	125	70	13	36
LIR-POH 125G	LIR-POH 125G-FI	125	40	150	plain bore	150	70	13	38
LIR-POH 125HK	LIR-POH 125HK-FI	125	40	150	ball bearing	150	70	13	38

Load capacity may be reduced in temperatures over +70 °C, see page 453.

Versions / options



with PTFE coated stainless steel axle tube

Technical description page	117
Product code suffix	-XAT
Available for	plain bore versions upon request

LIX-POH, BX-POH, LIKX-POH, BKX-POH series

Heat-resistant stainless steel castor, top plate,
with heat-resistant
Blickle TempLine® PerformanceLight nylon wheel

150–350 kg

-25 °C to +170 °C

Bracket: LIX/BX, LIKX/BKX series

- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:

- double ball bearing in the swivel head
- strong central kingpin (series LIKX without central kingpin, with heat-resistant swivel head seal)
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

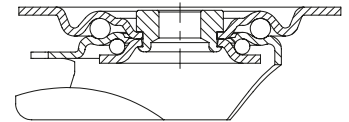
Wheel: POH series

- highly heat-resistant nylon, impact resistant, hardness 85 Shore D, colour natural

suitable for autoclaves

Additional details:

- bracket series: page 98
- brakes: page 112–113
- wheel series: page 453
- bearing types: page 84–85



Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity 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-POH 81G	BX-POH 81G	LIX-POH 81G-FI	80	32	150	plain bore	102	100 x 85	80 x 60	9	38
LIX-POH 100G	BX-POH 100G	LIX-POH 100G-FI	100	30	150	plain bore	125	100 x 85	80 x 60	9	36
LIKX-POH 102G-1	BKX-POH 102G-1	LIKX-POH 102G-1-FI	100	38	300	plain bore	130	100 x 85	80 x 60	9	45
LIKX-POH 102HXX-1	BKX-POH 102HXX-1	LIKX-POH 102HXX-1-FI	100	38	300	ball bearing	130	100 x 85	80 x 60	9	45
LIX-POH 125G	BX-POH 125G	LIX-POH 125G-FI	125	40	150	plain bore	150	100 x 85	80 x 60	9	38
LIKX-POH 125G-1	BKX-POH 125G-1	LIKX-POH 125G-1-FI	125	40	300	plain bore	155	100 x 85	80 x 60	9	48
LIKX-POH 125HXX-1	BKX-POH 125HXX-1	LIKX-POH 125HXX-1-FI	125	40	300	ball bearing	155	100 x 85	80 x 60	9	48
LIX-POH 150G	BX-POH 150G	LIX-POH 150G-FI	150	50	350	plain bore	190	140 x 110	105 x 75–80	11	60
LIX-POH 150HXX	BX-POH 150HXX	LIX-POH 150HXX-FI	150	50	350	ball bearing	190	140 x 110	105 x 75–80	11	60
LIX-POH 200G	BX-POH 200G	LIX-POH 200G-FI	200	50	350	plain bore	235	140 x 110	105 x 75–80	11	65
LIX-POH 200HXX	BX-POH 200HXX	LIX-POH 200HXX-FI	200	50	350	ball bearing	235	140 x 110	105 x 75–80	11	65

Load capacity may be reduced in temperatures over +70 °C, see page 453.

Versions / options



grease-free swivel head, extremely smooth	with PTFE coated stainless steel axle tube
Technical description page	117
Product code suffix	-OF -XAT
Available for	series LIX wheel Ø 100 mm Ø 80–125 mm plain bore versions upon request

LIXR-POH series

Heat-resistant stainless steel castors, with bolt hole, with heat-resistant Blickle TempLine® PerformanceLight nylon wheel



150 kg

-25 °C to +170 °C

Bracket: LIXR series

- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease
- all parts including axle material are corrosion-resistant

Wheel: POH series

- highly heat-resistant nylon, impact resistant, hardness 85 Shore D, colour natural

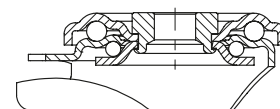
suitable for autoclaves

Additional details:

- bracket series: page 98
- brakes: page 112–113
- wheel series: page 453
- bearing types: page 84–85



Blickle TempLine® PerformanceLight



Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity up to +70 °C [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
LIXR-POH 81G	LIXR-POH 81G-FI	80	32	150	plain bore	102	70	13	38
LIXR-POH 100G	LIXR-POH 100G-FI	100	30	150	plain bore	125	70	13	36
LIXR-POH 102G	LIXR-POH 102G-FI	100	38	150	plain bore	125	70	13	36
LIXR-POH 102HXX	LIXR-POH 102HXX-FI	100	38	150	ball bearing	125	70	13	36
LIXR-POH 125G	LIXR-POH 125G-FI	125	40	150	plain bore	150	70	13	38
LIXR-POH 125HXX	LIXR-POH 125HXX-FI	125	40	150	ball bearing	150	70	13	38

Load capacity may be reduced in temperatures over +70 °C, see page 453.

Versions / options

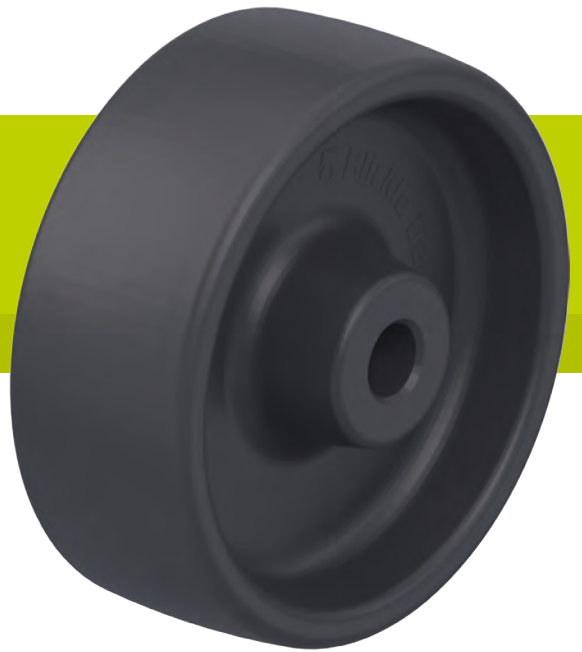


	grease-free swivel head, extremely smooth	with PTFE coated stainless steel axle tube
Technical description page		117
Product code suffix	-OF	-XAT
Available for	wheel Ø 100 mm	plain bore versions upon request

POHI series

Heat-resistant, thermoplastic

Blickle TempLine® Performance wheels



180–600 kg

-25 °C to +250 °C

Tread and tyre hardness

85 Shore D

Smooth operation / floor preservation

satisfactory

Rolling resistance

excellent

Wear resistance

satisfactory

Blickle TempLine® Performance

Wheel:

- highly heat-resistant thermoplastic, impact resistant, hardness 85 Shore D
- excellent rolling and swivel resistance
- easy operation on smooth surfaces
- high abrasion resistance
- colour dark grey
- suitable for autoclaves** (plain bore and version with stainless steel ball bearing with heat-resistant grease “-HXK”)

Other features:

- high chemical resistance to many aggressive substances
- operating temperature: -25 °C to +250 °C
- oven temperature temporarily up to +300 °C, wheel temperature must not exceed +250 °C

Additional details:

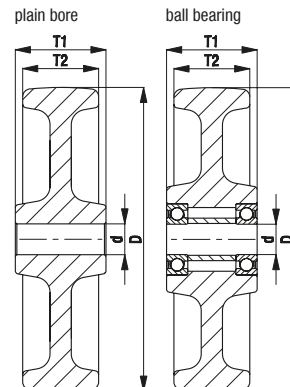
- wheel series: page 72
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity up to +70 °C [kg]	Load capacity at +170 °C [kg]	Load capacity 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	250	plain bore	20	60
POHI 150/20HK	150	50	500	400	250	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

Versions / options



	PTFE coated stainless steel axle tube Ø 12/8x37 mm	PTFE coated stainless steel axle tube Ø 12/8x47 mm	with stainless steel ball bearing with heat-resistant grease
Technical description page	117	117	84
Product code suffix	XAT 12x37	XAT 12x47	-HXK
Available for	POHI 81/12G POHI 100/12-35G	POHI 100/12-45G POHI 102+125/12G	ball bearing versions



LI-POHI, B-POHI, LIK-POHI, BK-POHI series

Heat-resistant pressed steel castors, top plate, with heat-resistant

Blickle TempLine® Performance thermoplastic wheel



150–350 kg

-25 °C to +250 °C

Bracket: LI/B, LIK/BK series

- pressed steel, zinc-plated, blue-passivated, Cr6-free
- passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected

Swivel bracket:

- double ball bearing in the swivel head (series LIK without central kingpin, with heat-resistant swivel head seal)
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

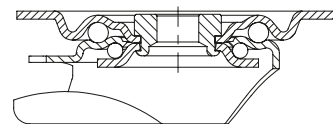
Wheel: POHI series

- highly heat-resistant thermoplastic, impact resistant, hardness 85 Shore D, colour dark grey
- operating temperature: -25 °C to +250 °C

Additional details:

- bracket series: page 97–98
- brakes: page 112–113
- wheel series: page 458
- bearing types: page 84–85

Blickle TempLine® Performance



Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity 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	38
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	350	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

Load capacity may be reduced in temperatures over +70 °C, see page 458.

Versions / options



with PTFE coated stainless steel axle tube

Technical description page

117

Product code suffix

-XAT

Available for

Ø 80–125 mm plain bore versions upon request

LIR-POHI series

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



Blickle
TempLine® Performance

150 kg

-25 °C to +250 °C

Bracket: LIR series

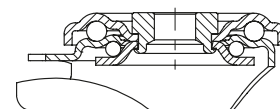
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

Wheel: POHI series

- highly heat-resistant thermoplastic, impact resistant, hardness 85 Shore D, colour dark grey
- operating temperature: -25 °C to +250 °C

Additional details:

- bracket series: page 97
- brakes: page 112–113
- wheel series: page 458
- bearing types: page 84–85



Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity up to +70 °C [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [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	38
LIR-POHI 125HK	LIR-POHI 125HK-FI	125	40	150	ball bearing	150	70	13	38

Load capacity may be reduced in temperatures over +70 °C, see page 458.

Versions / options



with PTFE coated stainless steel axle tube

Technical description page	117
Product code suffix	-XAT
Available for	plain bore versions upon request

LIX-POHI, BX-POHI, LIKX-POHI, BKX-POHI series

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

150–350 kg

-25 °C to +250 °C



Bracket: LIX/BX, LIKX/BKX series

- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:

- double ball bearing in the swivel head
- strong central kingpin (series LIXK without central kingpin, with heat-resistant swivel head seal)
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

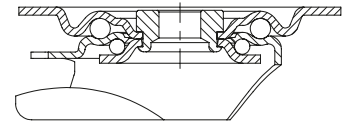
Wheel: POHI series

- highly heat-resistant thermoplastic, impact resistant, hardness 85 Shore D, colour dark grey
- operating temperature: -25 °C to +250 °C

suitable for autoclaves

Additional details:

- bracket series: page 98–99
- brakes: page 112–113
- wheel series: page 458
- bearing types: page 84–85



Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity 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 102HXK-1	BKX-POHI 102HXK-1	LIKX-POHI 102HXK-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	38
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 125HXK-1	BKX-POHI 125HXK-1	LIKX-POHI 125HXK-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 150HXK	BX-POHI 150HXK	LIX-POHI 150HXK-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 200HXK	BX-POHI 200HXK	LIX-POHI 200HXK-FI	200	50	350	ball bearing	235	140 x 110	105 x 75–80	11	65

Load capacity may be reduced in temperatures over +70 °C, see page 458.

10

Versions / options



grease-free swivel head, extremely smooth	with PTFE coated stainless steel axle tube
Technical description page	117
Product code suffix	-OF -XAT
Available for	series LIX wheel Ø 100 mm Ø 80–125 mm plain bore versions upon request

LIXR-POHI series

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



150 kg

-25 °C to +250 °C

Bracket: LIXR series

- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease
- all parts including axle material are corrosion-resistant

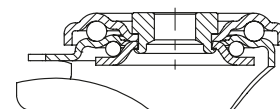
Wheel: POHI series

- highly heat-resistant thermoplastic, impact resistant, hardness 85 Shore D, colour dark grey
- operating temperature: -25 °C to +250 °C

suitable for autoclaves

Additional details:

- bracket series: page 98
- brakes: page 112–113
- wheel series: page 458
- bearing types: page 84–85



Swivel castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity up to +70 °C [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [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 102HXK	LIXR-POHI 102HXK-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	38
LIXR-POHI 125HXK	LIXR-POHI 125HXK-FI	125	40	150	ball bearing	150	70	13	38

Load capacity may be reduced in temperatures over +70 °C, see page 458.

Versions / options



grease-free swivel head, extremely smooth	with PTFE coated stainless steel axle tube
Technical description page	117
Product code suffix	-OF -XAT
Available for	wheel Ø 100 mm plain bore versions upon request

PHN series

Heat-resistant duroplast wheels Blickle TempLine® Classic



100–500 kg

-35 °C to +260 °C

Tread and tyre hardness

90 Shore D

Smooth operation / floor preservation

satisfactory

Rolling resistance

excellent

Wear resistance

sufficient

Blickle
TempLine® Classic

Wheel:

- phenolic resin, hardness 90 Shore D
- very high static load capacity
- easy operation on smooth surfaces
- colour black

Other features:

- high chemical resistance to many aggressive substances
- 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

Additional details:

- wheel series: page 72
- tread: page 58
- bearing types: page 84–85
- chemical resistance: page 51

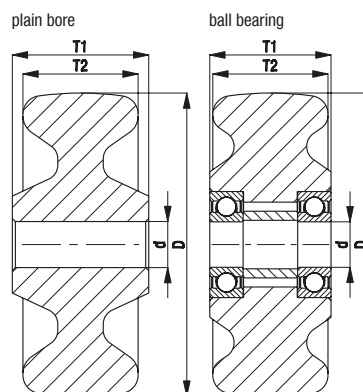
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PHN 81/12G	80	32	100	plain bore	12	35
PHN 80/12G	80	35	110	plain bore	12	40
PHN 100/12-35G	100	30	125	plain bore	12	35
PHN 100/12-45G	100	30	125	plain bore	12	45
PHN 102/12G	100	38	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 from -30 °C to +230 °C

Versions / options



	PTFE coated stainless steel axle tube Ø 12/8x37 mm	PTFE coated stainless steel axle tube Ø 12/8x47 mm
Technical description page	117	117
Product code suffix	XAT 12x37	XAT 12x47
Available for	PHN 81/12G PHN 100/12–35G	PHN 100/12–45G PHN 102+125/12G



LI-PHN, B-PHN series

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

100–350 kg

-35 °C to +260 °C

Bracket: LI/B series

- pressed steel, zinc-plated, blue-passivated, Cr6-free
- passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected

Swivel bracket:

- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease
- plain bore versions with PTFE coated stainless steel axle tube (wheel Ø 80–125 mm)

Wheel: PHN series

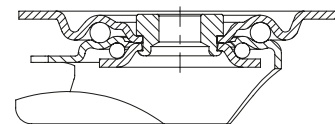
- phenolic resin, hardness 90 Shore D, colour black
- operating temperature:
 - plain bore version: -35 °C to +260 °C, temporarily up to +300 °C
 - ball bearing version: ("HK"): -25 °C to +250 °C
 - ball bearing version: ("IK"): -30 °C to +260 °C

Additional details:

- bracket series: page 97
- wheel series: page 463
- bearing types: page 84–85



Blickle TempLine® Classic



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	38
LI-PHN 125HK	B-PHN 125HK	125	40	150	ball bearing	150	100 x 85	80 x 60	9	38
LI-PHN 125IK	B-PHN 125IK	125	40	150	ball bearing	150	100 x 85	80 x 60	9	38
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 from -30 °C to +230 °C

LIR-PHN series

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



Blickle TempLine® Classic

100–150 kg

-35 °C to +260 °C

Bracket: LIR series

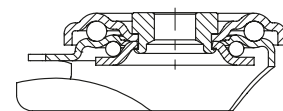
- pressed steel, zinc-plated, blue-passivated, Cr6-free
- passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease
- plain bore versions with PTFE coated stainless steel axle tube

Wheel: PHN series

- phenolic resin, hardness 90 Shore D, colour black
- 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

Additional details:

- bracket series: page 97
- wheel series: page 463
- bearing types: page 84–85



Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
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	38
LIR-PHN 125HK	125	40	150	ball bearing	150	70	13	38
LIR-PHN 125IK	125	40	150	ball bearing	150	70	13	38

LIX-PHN, BX-PHN series

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

100–350 kg

-35 °C to +260 °C

Bracket: LIX/BX series

- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- all parts including axle material are corrosion-resistant

Swivel bracket:

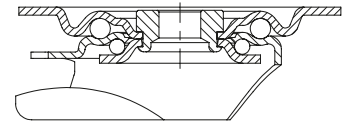
- double ball bearing in the swivel head
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease
- PTFE coated stainless steel axle tube (wheel Ø 80–125 mm)

Wheel: PHN series

- phenolic resin, hardness 90 Shore D, colour black
- operating temperature from -35 °C to +260 °C, temporarily up to +300 °C

Additional details:

- bracket series: page 98
- wheel series: page 463
- bearing types: page 84–85



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	38
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 from -30 °C to +230 °C

Versions / options



grease-free swivel head, extremely smooth

Technical description page

Product code suffix

-OF

Available for

wheel Ø 100 mm

LIXR-PHN series

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



100–150 kg

-35 °C to +260 °C

Bracket: LIXR series

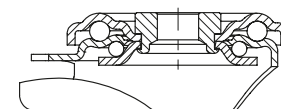
- high-quality chromium-nickel steel (1.4301/AISI 304), stainless steel, vibration-ground finishing
- double ball bearing in the swivel head
- strong central kingpin
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease
- PTFE coated stainless steel axle tube
- all parts including axle material are corrosion-resistant

Wheel: PHN series

- phenolic resin, hardness 90 Shore D, colour black
- operating temperature from -35 °C to +260 °C, temporarily up to +300 °C

Additional details:

- bracket series: page 98
- wheel series: page 463
- bearing types: page 84–85



Swivel castors	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate Ø [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
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	38

Versions / options



grease-free swivel head, extremely smooth

Technical description page

Product code suffix

-OF

Available for

wheel Ø 100 mm

G series Cast iron wheels

250–1,400 kg

-100 °C to +600 °C

Tread and tyre hardness

180–220 HB

Smooth operation / floor preservation

sufficient

Rolling resistance

excellent

Wear resistance

excellent

Wheel:

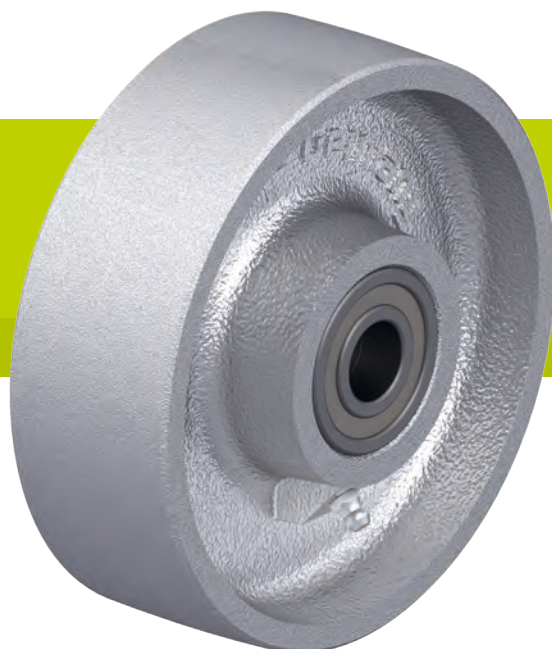
- rugged grey cast iron, hardness 180–220 HB
- with grease nipple
- extremely low rolling and swivel resistance
- outstanding wear resistance
- machined tread and edges
- lacquered, colour silver

Other features:

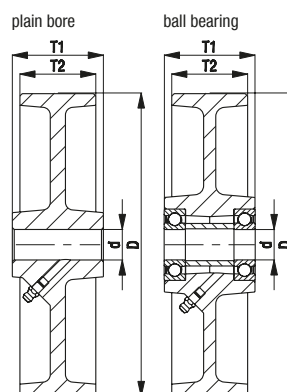
- chemical resistance to many aggressive substances
- operating temperature:
plain bore version: -100 °C to +600 °C
ball bearing version: -30 °C to +300 °C
- consider the surface pressure on sensitive floors due to high point loads
- provide adequate lubrication on a regular basis for plain bore version
- to be lubricated according to the application temperature

Additional details:

- wheel series: page 70
- tread: page 59
- bearing types: page 84–85
- chemical resistance: page 51



Wheels	Wheel Ø	Wheel width	Load capacity up to +70 °C	Load capacity at +300 °C	Bearing type	Axle bore Ø	Hub length
	(D) [mm]	(T2) [mm]	[kg]	[kg]		(d) [mm]	(T1) [mm]
G 80/12G	80	25	250	200	plain bore	12	35
G 80/15G	80	25	250	200	plain bore	15	35
G 100/15G	100	35	400	320	plain bore	15	45
G 100/15IK	100	35	400	320	ball bearing	15	40
G 125/15G	125	35	450	360	plain bore	15	45
G 125/15IK	125	35	450	360	ball bearing	15	45
G 127/20G	125	50	750	600	plain bore	20	60
G 127/20IK	125	50	750	370	ball bearing	20	60
G 150/20G	150	50	900	720	plain bore	20	60
G 150/20IK	150	50	900	450	ball bearing	20	60
G 200/20G	200	50	1,100	880	plain bore	20	60
G 200/20IK	200	50	1,100	500	ball bearing	20	60
G 250/25G	250	60	1,400	1,100	plain bore	25	65
G 250/25IK	250	60	1,300	650	ball bearing	25	70



LI-G, BI-G, LIK-G, BIK-G series

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



150–350 kg

-30 °C to +270 °C

Bracket: LI/BI, LIK/BIK series

- pressed steel, zinc-plated, blue-passivated, Cr6-free
- passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected

Swivel bracket:

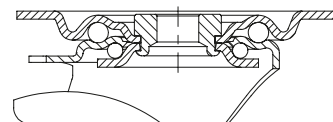
- double ball bearing in the swivel head
- strong central kingpin (series LIK without central kingpin, with heat-resistant swivel head seal)
- smooth rolling characteristic and low wear, increased service life
- swivel head play is set specifically for high-temperature applications
- highly heat-resistant grease

Wheel: G series

- rugged grey cast iron, hardness 180–220 HB, grease nipple, lacquered, colour silver

Additional details:

- bracket series: page 97–98
- brakes: page 112–113
- wheel series: page 468
- bearing types: page 84–85



Swivel castors	Fixed castors	Swivel castors with "stop-fix" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity 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
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
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 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	38
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
LI-G 125IK	BI-G 125IK	LI-G 125IK-FI	125	35	150	ball bearing	150	100 x 85	80 x 60	9	38
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

Load capacity may be reduced in temperatures over +70 °C, see page 468.

LIO-G, BO-G series

Heat-resistant welded steel heavy-duty castors, with top plate, with cast iron wheel

750–1,250 kg

-30 °C to +270 °C



Bracket: LIO/BO series

- solid welded steel construction
- passivation may be altered slightly in high temperatures, corrosion protection will remain unaffected

Swivel bracket:

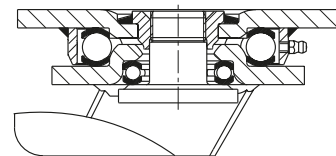
- double ball bearing in the swivel head
- particularly resistant to shocks and impact due to **four specially-shaped, hardened bearing seats**
- bolted and secured welded central kingpin, extremely strong
- swivel head seal with labyrinth design
- grease nipple
- highly heat-resistant grease

Wheel: G series

- rugged grey cast iron, hardness 180–220 HB, grease nipple, lacquered, colour silver

Additional details:

- bracket series: page 98
- brakes: page 112–113
- wheel series: page 468
- bearing types: page 84–85



Swivel castors	Fixed castors	Swivel castor with "stop-top" brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity 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]
LIO-G 127IK	BO-G 127IK	LIO-G 127IK-ST	125	50	750	ball bearing	170	140 x 110	105 x 75–80	11	50
LIO-G 150IK	BO-G 150IK	LIO-G 150IK-ST	150	50	900	ball bearing	200	140 x 110	105 x 75–80	11	55
LIO-G 200IK	BO-G 200IK	LIO-G 200IK-ST	200	50	1,000	ball bearing	245	140 x 110	105 x 75–80	11	60
LIO-G 250IK	BO-G 250IK	LIO-G 250IK-ST	250	60	1,250	ball bearing	295	140 x 110	105 x 75–80	11	70

At a temperature of +270 °C, the load capacity is reduced by 40%.

Versions / options



with directional lock 4 x 90°

Technical description page

115

Product code suffix

-RI4

Available for

wheel Ø 125–200 mm