

## Nylon wheels and castors, polypropylene wheels and castors



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Series: PO, wheel Ø 50 - 125x40 mm

## Nylon wheels

75 - 300 kg

RoHS



<b>Tread &amp; tyre hardness</b>	70° shore D
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	reasonable
<b>Floor surface preservation</b>	reasonable

### PO-wheel series:

Made of high-quality, impact-resistant nylon, medium heavy wheel design, 70° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance, colour natural white. (Material description page 40)

### Bearing types:

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

### Other features:

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

Operating temperature: -25° C to +80° C.

At ambient temperatures above +35° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 49**

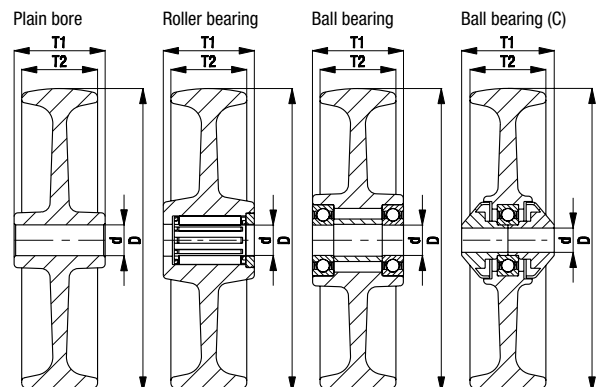
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PO 50/8G	50	18	75	Plain bore	8	22
PO 60/12G	60	29	150	Plain bore	12	35
PO 60/8K	60	32	150	Ball bearing (C)	8	36
PO 76/8G	75	23	100	Plain bore	8	29.5
PO 75/12G	75	32	200	Plain bore	12	35
PO 75/12-45G	75	32	200	Plain bore	12	45
PO 75/12R	75	32	200	Roller bearing	12	35
PO 80/12G	80	32	220	Plain bore	12	35
PO 80/12R	80	32	220	Roller bearing	12	35
PO 80/8K	80	32	220	Ball bearing (C)	8	36
PO 82/15G	80	37	230	Plain bore	15	45
PO 82/15R	80	37	230	Roller bearing	15	45
PO 82/15K	80	37	250	Ball bearing	15	45
PO 101/12G	100	32	240	Plain bore	12	35
PO 100/12G	100	37	280	Plain bore	12	45
PO 100/15G	100	37	280	Plain bore	15	45
PO 100/12R	100	37	280	Roller bearing	12	45
PO 100/15R	100	37	280	Roller bearing	15	45
PO 100/8K	100	37	280	Ball bearing (C)	8	46
PO 100/10K	100	37	280	Ball bearing (C)	10	46
PO 126/12G	125	32	260	Plain bore	12	35
PO 125/12G	125	40	300	Plain bore	12	45
PO 125/15G	125	40	300	Plain bore	15	45
PO 125/20G	125	40	300	Plain bore	20	45
PO 125/12R	125	40	300	Roller bearing	12	45
PO 125/15R	125	40	300	Roller bearing	15	45
PO 125/8K	125	40	300	Ball bearing (C)	8	46
PO 125/10K	125	40	300	Ball bearing (C)	10	46

For further wheel Ø refer to the next page

### Options



	Electrically conductive version, non-marking grey	With stainless steel roller bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page	36, 40	60	61
Product code suffix	-ELS	-XR	-KD
Available for	upon request	all sizes	ball bearing (C) version



Series: PO, wheel Ø 125x50 - 300 mm

## Nylon wheels

350 - 1500 kg

RoHS



<b>Tread &amp; tyre hardness</b>	70° shore D
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	excellent
<b>Operating noise</b>	reasonable
<b>Floor surface preservation</b>	reasonable

### PO-wheel series:

Made of high-quality, impact-resistant nylon, medium heavy wheel design, 70° shore D hardness, very low rolling and swivel resistance, smooth running performance on even floors, high abrasion resistance, colour natural white. (Material description page 40)

### Bearing types:

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

### Other features:

High chemical resistance to many aggressive substances (table page 36-37).  
Operating temperature: -25° C to +80° C.  
At ambient temperatures above +35° C the load capacity is reduced.

Maintenance-free under standard conditions.

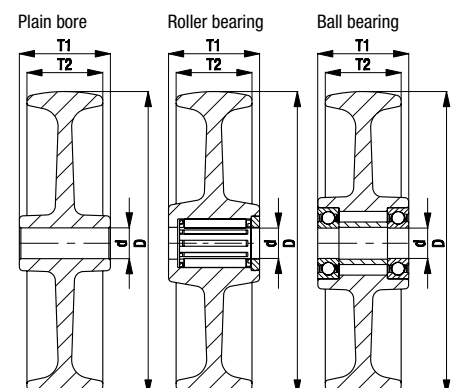
**Wheel series overview page 49**

Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PO 127/20R	125	50	400	Roller bearing	20	60
PO 127/20K	125	50	400	Ball bearing	20	60
PO 151/15G	150	40	350	Plain bore	15	50
PO 151/20G	150	40	350	Plain bore	20	50
PO 150/20G	150	50	400	Plain bore	20	60
PO 150/20R	150	50	400	Roller bearing	20	60
PO 150/20K	150	50	400	Ball bearing	20	60
PO 160/20G	160	50	450	Plain bore	20	60
PO 160/20R	160	50	450	Roller bearing	20	60
PO 160/20K	160	50	450	Ball bearing	20	60
PO 175/20G	175	50	500	Plain bore	20	60
PO 175/20R	175	50	500	Roller bearing	20	60
PO 175/20K	175	50	500	Ball bearing	20	60
PO 201/15G	200	40	500	Plain bore	15	50
PO 201/20G	200	40	500	Plain bore	20	50
PO 200/20G	200	50	600	Plain bore	20	60
PO 200/20R	200	50	600	Roller bearing	20	60
PO 200/20K	200	50	600	Ball bearing	20	60
PO 200/25K	200	50	600	Ball bearing	25	60
PO 250/25G	250	50	1000	Plain bore	25	60
PO 250/25K	250	50	1000	Ball bearing	25	60
PO 300/30G	300	55	1500	Plain bore	30	65
PO 300/30K	300	55	1500	Ball bearing	30	65

### Options



	Electrically conductive version, non-marking grey	With grease nipple	With stainless steel roller bearing in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	36, 40		60	61
<b>Product code suffix</b>	<b>-ELS</b>	<b>-NI</b>	<b>-XR</b>	<b>-XK</b>
Available for	upon request	upon request	all sizes	upon request

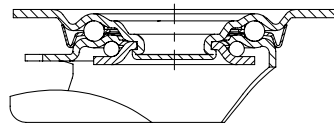


Series: LE-PO, B-PO

## Pressed steel castors with top plate fitting, with nylon wheel

150 - 300 kg

RoHS



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 64  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white.  
Bearing types: Plain bore, roller bearing or a centrally encapsulated ball bearing (C).  
Detailed description: Page 276, 277 and 49



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]
LE-PO 60G	B-PO 60G		60	29	150	Plain bore	80	100 x 85	80 x 60	9	35
LE-PO 60K	B-PO 60K		60	32	150	Ball bearing (C)	80	100 x 85	80 x 60	9	35
LE-PO 75G	B-PO 75G	LE-PO 75G-FI	75	32	150	Plain bore	100	100 x 85	80 x 60	9	38
LE-PO 75R	B-PO 75R	LE-PO 75R-FI	75	32	150	Roller bearing	100	100 x 85	80 x 60	9	38
LE-PO 80G	B-PO 80G	LE-PO 80G-FI	80	32	150	Plain bore	102	100 x 85	80 x 60	9	38
LE-PO 80R	B-PO 80R	LE-PO 80R-FI	80	32	150	Roller bearing	102	100 x 85	80 x 60	9	38
LE-PO 80K	B-PO 80K	LE-PO 80K-FI	80	32	150	Ball bearing (C)	102	100 x 85	80 x 60	9	38
LE-PO 100G	B-PO 100G	LE-PO 100G-FI	100	37	150	Plain bore	125	100 x 85	80 x 60	9	36
LE-PO 100R	B-PO 100R	LE-PO 100R-FI	100	37	150	Roller bearing	125	100 x 85	80 x 60	9	36
LE-PO 100K	B-PO 100K	LE-PO 100K-FI	100	37	150	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-PO 125G	B-PO 125G	LE-PO 125G-FI	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LE-PO 125R	B-PO 125R	LE-PO 125R-FI	125	40	150	Roller bearing	150	100 x 85	80 x 60	9	40
LE-PO 125K	B-PO 125K	LE-PO 125K-FI	125	40	150	Ball bearing (C)	150	100 x 85	80 x 60	9	40
LE-PO 150G	B-PO 150G	LE-PO 150G-FI	150	50	300	Plain bore	190	140 x 110	105 x 75-80	11	54
LE-PO 150R	B-PO 150R	LE-PO 150R-FI	150	50	300	Roller bearing	190	140 x 110	105 x 75-80	11	54
LE-PO 160G	B-PO 160G	LE-PO 160G-FI	160	50	300	Plain bore	195	140 x 110	105 x 75-80	11	54
LE-PO 160R	B-PO 160R	LE-PO 160R-FI	160	50	300	Roller bearing	195	140 x 110	105 x 75-80	11	54
LE-PO 175G	B-PO 175G	LE-PO 175G-FI	175	50	300	Plain bore	213	140 x 110	105 x 75-80	11	54
LE-PO 175R	B-PO 175R	LE-PO 175R-FI	175	50	300	Roller bearing	213	140 x 110	105 x 75-80	11	54
LE-PO 200G	B-PO 200G	LE-PO 200G-FI	200	50	300	Plain bore	235	140 x 110	105 x 75-80	11	54
LE-PO 200R	B-PO 200R	LE-PO 200R-FI	200	50	300	Roller bearing	235	140 x 110	105 x 75-80	11	54

For stainless steel versions refer to page 369

### Options



	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro-fit) 1 x 360°	With synthetic (-FP) or steel (-FS) foot guard	Wheel with additional ball bearing seals
Technical description page	36, 40	84	80	81	83	84	61
Product code suffix	-ELS	-FA	-ST	-CS11	refer to *	-FP / -FS	-KD
Available for	upon request	wheel Ø 75-200 mm	wheel Ø 150-200 mm	wheel Ø 160+200 mm	for wheel Ø and plate dimensions refer to *	upon request	ball bearing (C) version

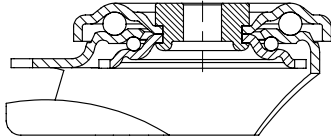
\* RI-03.01 available for wheel Ø 75, 100, 125 mm, RI-03.03 available for wheel Ø 150 - 200 mm (only for swivel castors without brake)

Series: LER-PO

## Pressed steel castors with bolt hole fitting, with nylon wheel

150 - 300 kg

RoHS



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing types: Plain bore, roller bearing or a centrally encapsulated ball bearing (C). Detailed description: Page 276, 277 and 49

Wheel and swivel head 'stop-fix' brake: Page 80

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]
LER-PO 60G		60	29	150	Plain bore	80	70	13	35
LER-PO 60K		60	32	150	Ball bearing (C)	80	70	13	35
LER-PO 75G	LER-PO 75G-FI	75	32	150	Plain bore	100	70	13	38
LER-PO 75R	LER-PO 75R-FI	75	32	150	Roller bearing	100	70	13	38
LER-PO 80G	LER-PO 80G-FI	80	32	150	Plain bore	102	70	13	38
LER-PO 80R	LER-PO 80R-FI	80	32	150	Roller bearing	102	70	13	38
LER-PO 80K	LER-PO 80K-FI	80	32	150	Ball bearing (C)	102	70	13	38
LER-PO 100G	LER-PO 100G-FI	100	37	150	Plain bore	125	70	13	36
LER-PO 100R	LER-PO 100R-FI	100	37	150	Roller bearing	125	70	13	36
LER-PO 100K	LER-PO 100K-FI	100	37	150	Ball bearing (C)	125	70	13	36
LER-PO 125G	LER-PO 125G-FI	125	40	150	Plain bore	150	70	13	40
LER-PO 125R	LER-PO 125R-FI	125	40	150	Roller bearing	150	70	13	40
LER-PO 125K	LER-PO 125K-FI	125	40	150	Ball bearing (C)	150	70	13	40
LER-PO 150G	LER-PO 150G-FI	150	50	300	Plain bore	190	88	13	54
LER-PO 150R	LER-PO 150R-FI	150	50	300	Roller bearing	190	88	13	54
LER-PO 160G	LER-PO 160G-FI	160	50	300	Plain bore	195	88	13	54
LER-PO 160R	LER-PO 160R-FI	160	50	300	Roller bearing	195	88	13	54
LER-PO 175G	LER-PO 175G-FI	175	50	300	Plain bore	213	88	13	54
LER-PO 175R	LER-PO 175R-FI	175	50	300	Roller bearing	213	88	13	54
LER-PO 200G	LER-PO 200G-FI	200	50	300	Plain bore	235	88	13	54
LER-PO 200R	LER-PO 200R-FI	200	50	300	Roller bearing	235	88	13	54

For stainless steel versions refer to page 370



### Options

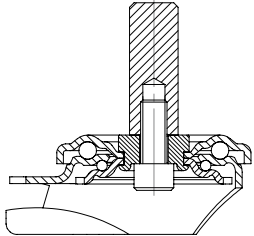
	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	With synthetic foot guard	With steel foot guard	Wheel with additional ball bearing seals
Technical description page	36, 40	84	84	84	61
Product code suffix	-ELS	-FA	-FP	-FS	-KD
Available for	upon request	wheel Ø 75 - 200 mm	wheel Ø 125 mm upon request	wheel Ø 150, 160, 200 upon request	ball bearing (C) version

Series: LEZ-PO

## Pressed steel castors with stem fitting, with nylon wheel

150 - 270 kg

RoHS



**Brackets:** LEZ series - Made of pressed steel, with double ball bearing in the swivel head, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. The steel plug-in stem and central kingpin are either bolted and secured or made of one piece. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing type: Plain bore. Detailed description: Page 276, 277 and 49

Swivel castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Stem Ø [mm]	Stem length [mm]	Offset [mm]
LEZ-PO 75G	LEZ-PO 75G-FI	75	32	150	Plain bore	100	20	50	38
LEZ-PO 80G	LEZ-PO 80G-FI	80	32	150	Plain bore	102	20	50	38
LEZ-PO 100G	LEZ-PO 100G-FI	100	37	150	Plain bore	125	20	50	36
LEZ-PO 125G	LEZ-PO 125G-FI	125	40	150	Plain bore	150	20	50	40
LEZ-PO 150G-22	LEZ-PO 150G-22-FI	150	50	270	Plain bore	190	22	60	54
LEZ-PO 150G-27	LEZ-PO 150G-27-FI	150	50	270	Plain bore	190	27	60	54
LEZ-PO 160G-22	LEZ-PO 160G-22-FI	160	50	270	Plain bore	195	22	60	54
LEZ-PO 160G-27	LEZ-PO 160G-27-FI	160	50	270	Plain bore	195	27	60	54
LEZ-PO 200G-22	LEZ-PO 200G-22-FI	200	50	270	Plain bore	235	22	60	54
LEZ-PO 200G-27	LEZ-PO 200G-27-FI	200	50	270	Plain bore	235	27	60	54

For stainless steel versions refer to page 371

### Options



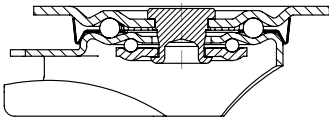
	With pressed steel thread guard, zinc-plated	With synthetic foot guard	With steel foot guard
Technical description page	84	84	84
Product code suffix	-FA	-FP	-FS
Available for	all sizes	wheel Ø 125 mm upon request	wheel Ø 150-200 mm upon request

Series: L-PO, B-PO, wheel Ø 75 - 150 mm

**Pressed steel castors, medium duty brackets, with top plate fitting, with nylon wheel**

200 - 400 kg

RoHS



**Brackets:** L/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 150 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing types: Plain bore, roller bearing, two pressed-in ball bearings or a centrally encapsulated ball bearing (C). Detailed description: Page 276, 277 and 49



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]
L-PO 75G	B-PO 75G	L-PO 75G-FI	75	32	200	Plain bore	100	100 x 85	80 x 60	9	38
L-PO 75R	B-PO 75R	L-PO 75R-FI	75	32	200	Roller bearing	100	100 x 85	80 x 60	9	38
L-PO 80G	B-PO 80G	L-PO 80G-FI	80	32	200	Plain bore	102	100 x 85	80 x 60	9	38
L-PO 80R	B-PO 80R	L-PO 80R-FI	80	32	200	Roller bearing	102	100 x 85	80 x 60	9	38
L-PO 80K	B-PO 80K	L-PO 80K-FI	80	32	200	Ball bearing (C)	102	100 x 85	80 x 60	9	38
L-PO 100G	B-PO 100G	L-PO 100G-FI	100	37	200	Plain bore	125	100 x 85	80 x 60	9	36
L-PO 100R	B-PO 100R	L-PO 100R-FI	100	37	200	Roller bearing	125	100 x 85	80 x 60	9	36
L-PO 100K	B-PO 100K	L-PO 100K-FI	100	37	200	Ball bearing (C)	125	100 x 85	80 x 60	9	36
L-PO 125G	B-PO 125G	L-PO 125G-FI	125	40	200	Plain bore	150	100 x 85	80 x 60	9	40
L-PO 125R	B-PO 125R	L-PO 125R-FI	125	40	200	Roller bearing	150	100 x 85	80 x 60	9	40
L-PO 125K	B-PO 125K	L-PO 125K-FI	125	40	200	Ball bearing (C)	150	100 x 85	80 x 60	9	40
L-PO 150G	B-PO 150G	L-PO 150G-FI	150	50	400	Plain bore	190	140 x 110	105 x 75-80	11	60
L-PO 150R	B-PO 150R	L-PO 150R-FI	150	50	400	Roller bearing	190	140 x 110	105 x 75-80	11	60
L-PO 150K	B-PO 150K	L-PO 150K-FI	150	50	400	Ball bearing	190	140 x 110	105 x 75-80	11	60

For further wheel Ø refer to the next page  
For stainless steel versions refer to page 372

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**Options**



	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro-fit) 1 x 360°	With synthetic (-FP) or steel (-FS) foot guard	With stainless steel axle tube in the wheel hub	With stainless steel roller bearing (-XR) / ball bearing (-XK)
Technical description page	36, 40	84	80	83	84	85	60 / 61
Product code suffix	-ELS	-FA	-ST	refer to *	-FP / -FS	-XA	-XR / -XK
Available for	upon request	all sizes	all sizes	for wheel Ø and plate dimensions refer to *	upon request	plain bore versions upon request	-XR: all sizes -XK: upon request

\* RI-03.01 available for wheel Ø 75, 100, 125 mm, RI-05.03 available for wheel Ø 150 mm (only for swivel castors without brake)

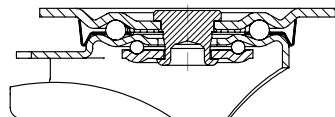


Series: L-PO, B-PO, BH-PO, wheel Ø 160 - 250 mm

**Pressed steel castors, medium duty brackets, with top plate fitting, with nylon wheel**

400 - 600 kg

RoHS



**Brackets:** L/B/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, swivel head seals (exception: plate size 175x175 mm). The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing types: Plain bore, roller bearing or two pressed-in ball bearings. Detailed description: Page 277 and 49

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]
L-PO 160G	B-PO 160G	L-PO 160G-FI	160	50	400	Plain bore	195	140 x 110	105 x 75-80	11	60
L-PO 160R	B-PO 160R	L-PO 160R-FI	160	50	400	Roller bearing	195	140 x 110	105 x 75-80	11	60
L-PO 160K	B-PO 160K	L-PO 160K-FI	160	50	400	Ball bearing	195	140 x 110	105 x 75-80	11	60
L-PO 175G	B-PO 175G	L-PO 175G-FI	175	50	400	Plain bore	213	140 x 110	105 x 75-80	11	60
L-PO 175R	B-PO 175R	L-PO 175R-FI	175	50	400	Roller bearing	213	140 x 110	105 x 75-80	11	60
L-PO 175K	B-PO 175K	L-PO 175K-FI	175	50	400	Ball bearing	213	140 x 110	105 x 75-80	11	60
L-PO 200G	B-PO 200G	L-PO 200G-FI	200	50	400	Plain bore	235	140 x 110	105 x 75-80	11	65
L-PO 200R	B-PO 200R	L-PO 200R-FI	200	50	400	Roller bearing	235	140 x 110	105 x 75-80	11	65
L-PO 200K	B-PO 200K	L-PO 200K-FI	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-PO 250G-3	BH-PO 250G	*	250	50	500	Plain bore	295	140 x 110	105 x 75-80	11	77
L-PO 250K-3	BH-PO 250K	*	250	50	500	Ball bearing	295	140 x 110	105 x 75-80	11	77
L-PO 250G		*	250	50	600	Plain bore	295	175 x 175	140 x 140	15	70
	B-PO 250G		250	50	600	Plain bore	295	220 x 120	190 x 75	15	

\* For the 'stop-top' brake version refer to 'Options'  
For stainless steel versions refer to page 372



**Options \*\***

	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro fit) 1 x 360° ***	With steel foot guard	With stainless steel roller bearing (-XR) / ball bearing (-XK)
Technical description page	36, 40	84	80	81	83	84	60 / 61
Product code suffix	-ELS	-FA	-ST	-CS11	RI-05.03	-FS	-XR / -XK
Available for	upon request	wheel Ø 160-200 mm	all sizes	wheel Ø 160+200 mm	wheel Ø 160-200 mm	upon request	-XR: all sizes -XK: upon request

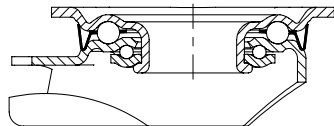
\*\* Additional options: Stainless steel axle tube (-XA), available for plain bore versions upon request (technical description page 85)  
\*\*\* Only for swivel castors without brake

Series: LK-PO, BK-PO, wheel Ø 75 - 125x40 mm

**Pressed steel castors, medium heavy duty brackets, with top plate fitting, with nylon wheel**

200 - 300 kg

RoHS



**Brackets:** LK/BK series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing types: Plain bore, roller bearing, two pressed-in ball bearings or a centrally encapsulated ball bearing (C). Detailed description: Page 276 and 49



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]
LK-PO 75G	BK-PO 75G	LK-PO 75G-FI	75	32	200	Plain bore	108	100 x 85	80 x 60	9	40
LK-PO 75R	BK-PO 75R	LK-PO 75R-FI	75	32	200	Roller bearing	108	100 x 85	80 x 60	9	40
LK-PO 82G	BK-PO 82G	LK-PO 82G-FI	80	37	230	Plain bore	110	100 x 85	80 x 60	9	40
LK-PO 82R	BK-PO 82R	LK-PO 82R-FI	80	37	230	Roller bearing	110	100 x 85	80 x 60	9	40
LK-PO 82K	BK-PO 82K	LK-PO 82K-FI	80	37	250	Ball bearing	110	100 x 85	80 x 60	9	40
LK-PO 100G-1	BK-PO 100G-1	LK-PO 100G-1-FI	100	37	280	Plain bore	130	100 x 85	80 x 60	9	45
LK-PO 100R-1	BK-PO 100R-1	LK-PO 100R-1-FI	100	37	280	Roller bearing	130	100 x 85	80 x 60	9	45
LK-PO 100K-1	BK-PO 100K-1	LK-PO 100K-1-FI	100	37	280	Ball bearing (C)	130	100 x 85	80 x 60	9	45
LK-PO 100G-3	BK-PO 100G-3	LK-PO 100G-3-FI	100	37	280	Plain bore	130	140 x 110	105 x 75-80	11	45
LK-PO 100R-3	BK-PO 100R-3	LK-PO 100R-3-FI	100	37	280	Roller bearing	130	140 x 110	105 x 75-80	11	45
LK-PO 100K-3	BK-PO 100K-3	LK-PO 100K-3-FI	100	37	280	Ball bearing (C)	130	140 x 110	105 x 75-80	11	45
LK-PO 125G-1	BK-PO 125G-1	LK-PO 125G-1-FI	125	40	300	Plain bore	155	100 x 85	80 x 60	9	48
LK-PO 125R-1	BK-PO 125R-1	LK-PO 125R-1-FI	125	40	300	Roller bearing	155	100 x 85	80 x 60	9	48
LK-PO 125K-1	BK-PO 125K-1	LK-PO 125K-1-FI	125	40	300	Ball bearing (C)	155	100 x 85	80 x 60	9	48
LK-PO 125G-3	BK-PO 125G-3	LK-PO 125G-3-FI	125	40	300	Plain bore	155	140 x 110	105 x 75-80	11	48
LK-PO 125R-3	BK-PO 125R-3	LK-PO 125R-3-FI	125	40	300	Roller bearing	155	140 x 110	105 x 75-80	11	48
LK-PO 125K-3	BK-PO 125K-3	LK-PO 125K-3-FI	125	40	300	Ball bearing (C)	155	140 x 110	105 x 75-80	11	48

For further wheel Ø refer to the next page

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**Options \***



	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttl. height +17mm **	Directional lock (retro-fit) 1 x 360°	With stainless steel axle tube in the wheel hub
Technical description page	36, 40	84	80	81	80	83	85
Product code suffix	-ELS	-FA	-ST	-CS11	-IS	refer to ***	-XA
Available for	upon request	all sizes	all sizes	wheel Ø 100-125 mm	Ø 100-125 mm with plate 140x110	for wheel Ø and plate dimensions refer to***	plain bore versions upon request

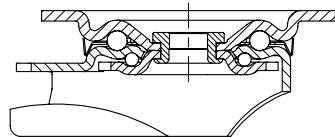
\* **Additional options:** Stainless steel roller bearing (-XR), available for all sizes (technical description page 60)  
 \*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**  
 \*\*\* **RI-05.01** available for wheel Ø 75 - 125 mm with plate 100x85 mm, **RI-03.03** available for wheel Ø 100 - 125 mm with plate 140x110 mm (only for swivel castors without brake)

Series: LK-PO, BH-PO, wheel Ø 125x50 - 200 mm

**Pressed steel castors, medium heavy duty brackets, with top plate fitting, with nylon wheel**

400 - 600 kg

RoHS



**Brackets:** LK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white. Bearing types: Plain bore or two pressed-in ball bearings. Detailed description: Page 277 and 49

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]
LK-PO 127R	BH-PO 127R	LK-PO 127R-FI	125	50	400	Roller bearing	170	140 x 110	105 x 75-80	11	55
LK-PO 127K	BH-PO 127K	LK-PO 127K-FI	125	50	400	Ball bearing	170	140 x 110	105 x 75-80	11	55
LK-PO 150G	BH-PO 150G	LK-PO 150G-FI	150	50	400	Plain bore	197	140 x 110	105 x 75-80	11	63
LK-PO 150K	BH-PO 150K	LK-PO 150K-FI	150	50	400	Ball bearing	197	140 x 110	105 x 75-80	11	63
LK-PO 160G	BH-PO 160G	LK-PO 160G-FI	160	50	450	Plain bore	202	140 x 110	105 x 75-80	11	63
LK-PO 160K	BH-PO 160K	LK-PO 160K-FI	160	50	450	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-PO 175G	BH-PO 175G	LK-PO 175G-FI	175	50	500	Plain bore	220	140 x 110	105 x 75-80	11	65
LK-PO 175K	BH-PO 175K	LK-PO 175K-FI	175	50	500	Ball bearing	220	140 x 110	105 x 75-80	11	65
LK-PO 200G	BH-PO 200G	LK-PO 200G-FI	200	50	600	Plain bore	245	140 x 110	105 x 75-80	11	65
LK-PO 200K	BH-PO 200K	LK-PO 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65

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**Options \***

	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With 'ideal-stop' brake ttl. height +17mm **	Directional lock (retro fit) 1 x 360° ***	With steel foot guard	With stainless steel ball bearing in the wheel hub
Technical description page	36, 40	84	80	80	83	84	61
Product code suffix	-ELS	-FA	-ST	-IS	RI-05.03	-FS	-XK
Available for	upon request	all sizes	all sizes	wheel Ø 125, 160, 200 mm	all sizes	upon request	upon request

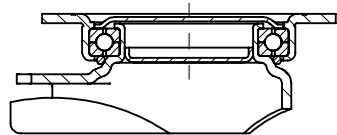
\* **Additional options:**  
 1. Stainless steel axle tube (-XA), available for plain bore versions upon request (technical description page 85)  
 2. Stainless steel roller bearing (-XR), available for wheel Ø 125 mm (technical description page 60)  
 \*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**  
 \*\*\* Only for swivel castors without brake

Series: LU-PO, BH-PO

**Pressed steel castors, closed medium heavy duty brackets, with top plate fitting, with nylon wheel**

400 - 600 kg

RoHS



**Brackets:** LU/BH series - Made of heavy pressed steel, swivel bracket with four-point contact ball bearing in the swivel head for optimal absorption of vertical and horizontal forces, closed sealed swivel head. The use of hardened bearing seats in conjunction with the special Blickle dynamic riveting process provides increased protection against shocks and impact loads and results in smooth rolling characteristics, low abrasion and an increased service life. Bolted wheel axle.

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

Bracket overview: Page 66

Top plate drawings: Page 77

Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white.

Bearing types: Plain bore or two pressed-in ball bearings.

Detailed description: Page 277 and 49



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]
LU-PO 127K	BH-PO 127K	LU-PO 127K-FI	125	50	400	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-PO 150G	BH-PO 150G	LU-PO 150G-FI	150	50	400	Plain bore	197	140 x 110	105 x 75-80	11	61
LU-PO 150K	BH-PO 150K	LU-PO 150K-FI	150	50	400	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-PO 160G	BH-PO 160G	LU-PO 160G-FI	160	50	450	Plain bore	202	140 x 110	105 x 75-80	11	61
LU-PO 160K	BH-PO 160K	LU-PO 160K-FI	160	50	450	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-PO 200G	BH-PO 200G	LU-PO 200G-FI	200	50	600	Plain bore	245	140 x 110	105 x 75-80	11	63
LU-PO 200K	BH-PO 200K	LU-PO 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	63

**Options**



	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	Directional lock (retro fit) 1 x 360° *	With steel foot guard	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub
Technical description page	36, 40	84	83	84	85	61
Product code suffix	-ELS	-FA	RI-05.03	-FS	-XA	-XK
Available for	upon request	all sizes	all sizes	upon request	plain bore versions upon request	upon request

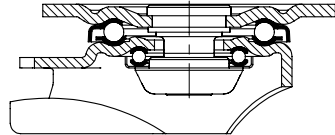
\* Only for swivel castors without brake

Series: LH-PO, BH-PO

**Pressed steel castors, heavy duty brackets, with top plate fitting, with nylon wheel**

230 - 900 kg

RoHS



**Brackets:** LH/BH series - Made of heavy pressed steel, swivel bracket with heavy fork and top plate, very strong bolted and secured central kingpin, double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats** resulting in a very high resistance to shock and impact loads.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 66  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white.  
 Bearing types: Plain bore, two pressed-in ball bearings or a centrally encapsulated ball bearing (C).  
 Detailed description: Page 276, 277 and 49



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]
LH-PO 82G	BH-PO 82G	LH-PO 82G-FI	80	37	230	Plain bore	120	100 x 85	80 x 60	9	45
LH-PO 82K	BH-PO 82K	LH-PO 82K-FI	80	37	250	Ball bearing	120	100 x 85	80 x 60	9	45
LH-PO 100G-1	BH-PO 100G-1	LH-PO 100G-1-FI	100	37	280	Plain bore	140	100 x 85	80 x 60	9	45
LH-PO 100K-1	BH-PO 100K-1	LH-PO 100K-1-FI	100	37	280	Ball bearing (C)	140	100 x 85	80 x 60	9	45
LH-PO 100G-3	BH-PO 100G-3	LH-PO 100G-3-FI	100	37	280	Plain bore	140	140 x 110	105 x 75-80	11	45
LH-PO 100K-3	BH-PO 100K-3	LH-PO 100K-3-FI	100	37	280	Ball bearing (C)	140	140 x 110	105 x 75-80	11	45
LH-PO 125G-1	BH-PO 125G-1	LH-PO 125G-1-FI	125	40	300	Plain bore	165	100 x 85	80 x 60	9	45
LH-PO 125K-1	BH-PO 125K-1	LH-PO 125K-1-FI	125	40	300	Ball bearing (C)	165	100 x 85	80 x 60	9	45
LH-PO 125G-3	BH-PO 125G-3	LH-PO 125G-3-FI	125	40	300	Plain bore	165	140 x 110	105 x 75-80	11	45
LH-PO 125K-3	BH-PO 125K-3	LH-PO 125K-3-FI	125	40	300	Ball bearing (C)	165	140 x 110	105 x 75-80	11	45
LH-PO 127K	BH-PO 127K	LH-PO 127K-FI	125	50	400	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-PO 150G	BH-PO 150G	LH-PO 150G-FI	150	50	400	Plain bore	197	140 x 110	105 x 75-80	11	65
LH-PO 150K	BH-PO 150K	LH-PO 150K-FI	150	50	400	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-PO 160G	BH-PO 160G	LH-PO 160G-FI	160	50	450	Plain bore	202	140 x 110	105 x 75-80	11	65
LH-PO 160K	BH-PO 160K	LH-PO 160K-FI	160	50	450	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-PO 175G	BH-PO 175G	LH-PO 175G-FI	175	50	500	Plain bore	220	140 x 110	105 x 75-80	11	67
LH-PO 175K	BH-PO 175K	LH-PO 175K-FI	175	50	500	Ball bearing	220	140 x 110	105 x 75-80	11	67
LH-PO 200G	BH-PO 200G	LH-PO 200G-FI	200	50	600	Plain bore	245	140 x 110	105 x 75-80	11	70
LH-PO 200K	BH-PO 200K	LH-PO 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-PO 250G	BH-PO 250G	*	250	50	900	Plain bore	295	140 x 110	105 x 75-80	11	82
LH-PO 250K	BH-PO 250K	*	250	50	900	Ball bearing	295	140 x 110	105 x 75-80	11	82

\* For the 'stop-top' brake version refer to 'Options'

**Options \*\***



	Electrically conductive version, non-marking grey	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	With central braking system 'central-stop'	With 'ideal-stop' brake ttt. height +17mm ***	Directional lock (retro-fit) 1 x 360°	With steel foot guard
Technical description page	36, 40	84	80	81	80	83	84
Product code suffix	-ELS	-FA	-ST	-CS13	-IS	refer to ****	-FS
Available for	upon request	wheel Ø 80-200 mm	all sizes	wheel Ø 125x50, 160, 200, 250 mm	wheel Ø 125x50, 160, 200, 250 mm	for wheel Ø and plate dim. refer to ****	upon request

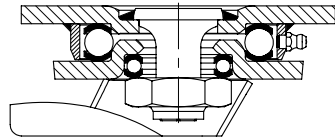
\*\* **Additional options:** 1. Stainless steel axle tube (-XA), plain bore versions upon request; 2. Stainless steel ball brg. in the wheel hub (-XK), available upon request (technical description p. 61)  
 \*\*\* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**  
 \*\*\*\* **RI-04.01** for wheel Ø 80-125 mm with plate 100x85 mm, **RI-04.03** for wheel Ø 100-125x40 mm with plate 140x110 mm, **RI-05.03** for wheel Ø 125x50-200 mm (only for swivel castors without brake)

Series: LO-PO, BO-PO

## Welded steel heavy duty castors, with nylon wheel

400 - 1000 kg

RoHS



**Brackets:** LO/BO series - Sturdy welded steel construction, swivel bracket with double ball bearing in the swivel head, additionally reinforced by the integration of **four specially shaped and hardened bearing seats**, swivel head seal with labyrinth design, fitted grease nipple, bolted and secured with a welded very strong central kingpin.  
 Bolted wheel axle.  
 Zinc-plated, blue-passivated, Cr6-free.  
 Bracket overview: Page 67  
 Top plate drawings: Page 77  
 Wheel and swivel head 'stop-top' brake: Page 80

**Wheels:** PO series - Made of high-quality, impact-resistant nylon, 70° shore D, natural white.  
 Bearing types: Plain bore or two pressed-in ball bearings.  
 Detailed description: Page 277 and 49



Swivel castors	Fixed castors	Swivel castors with 'stop-top' 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]
LO-PO 127K	BO-PO 127K	LO-PO 127K-ST	125	50	400	Ball bearing	170	140 x 110	105 x 75-80	11	55
LO-PO 150G	BO-PO 150G	LO-PO 150G-ST	150	50	400	Plain bore	200	140 x 110	105 x 75-80	11	55
LO-PO 150K	BO-PO 150K	LO-PO 150K-ST	150	50	400	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-PO 160G	BO-PO 160G	LO-PO 160G-ST	160	50	450	Plain bore	205	140 x 110	105 x 75-80	11	55
LO-PO 160K	BO-PO 160K	LO-PO 160K-ST	160	50	450	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-PO 200G	BO-PO 200G	LO-PO 200G-ST	200	50	600	Plain bore	245	140 x 110	105 x 75-80	11	60
LO-PO 200K	BO-PO 200K	LO-PO 200K-ST	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-PO 250G	BO-PO 250G	LO-PO 250G-ST	250	50	1000	Plain bore	295	140 x 110	105 x 75-80	11	70
LO-PO 250K	BO-PO 250K	LO-PO 250K-ST	250	50	1000	Ball bearing	295	140 x 110	105 x 75-80	11	70

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### Options



	Electrically conductive version, non-marking grey	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	With stainless steel axle tube in the wheel hub	With stainless steel ball bearing in the wheel hub	Truck lock
Technical description page	36, 40	83	83	84	85	61	82, 483
Product code suffix	-ELS	-R12	-R14	-FS	-XA	-XK	FF 125/150/160/200
Available for	upon request	wheel Ø 125-200 mm	wheel Ø 125-200 mm	upon request	plain bore versions upon request	upon request	wheel Ø 125-200 mm

Series: POW

## Noise absorbing nylon wheels with rubber damping ring

200 - 220 kg

RoHS



<b>Tread &amp; tyre hardness</b>	70° shore D
<b>Temperature resistance</b>	-25° C - +80° C
<b>Rolling resistance</b>	very good
<b>Operating noise</b>	good
<b>Floor surface preservation</b>	reasonable

### POW-wheel series:

Made of high-quality, impact-resistant nylon, 70° shore D hardness, noise absorbing (-10 decibel) achieved with elastic solid rubber damping ring, colour red, low rolling resistance, smooth running performance on even floors, high abrasion resistance, colour white. (Material description page 40)

### Bearing types:

- Roller bearing, with axle tube and integrated synthetic thread guard as standard, lubricated with long-life grease
- Ball bearing (C): A centrally encapsulated sealed ball bearing within the injected nylon, with integrated synthetic thread guard, lubricated with long-life grease.

### Other features:

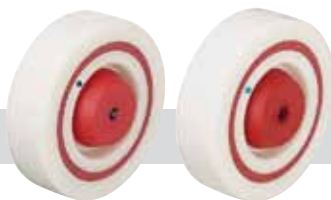
High chemical resistance to many aggressive substances (table page 36-37).  
 Operating temperature: -25° C to +80° C.  
 At ambient temperatures above +35° C the load capacity is reduced.  
 Maintenance-free under standard conditions.

**Wheel series overview page 49**

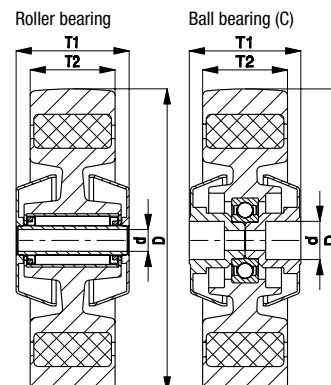
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
POW 100/8R-FK	100	35	200	Roller bearing	8	46
POW 100/8K-FK	100	35	200	Ball bearing (C)	8	46
POW 100/10K-FK	100	35	200	Ball bearing (C)	10	46
POW 125/8R-FK	125	35	220	Roller bearing	8	46
POW 125/8K-FK	125	35	220	Ball bearing (C)	8	46
POW 125/10K-FK	125	35	220	Ball bearing (C)	10	46

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### Options



	With stainless steel roller bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page	60	61
Product code suffix	-XR	-KD
Available for	all sizes	POW 100/8K-FK + POW 125/8K-FK

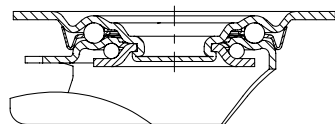


Series: LE-POW, B-POW

**Pressed steel castors with top plate fitting, with noise absorbing nylon wheel**

150 kg

RoHS



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 64 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POW series - Made of high-quality, impact-resistant nylon, 70° shore D, white, with elastic solid rubber damping ring, red. Bearing types: Roller bearing or a centrally encapsulated ball bearing (C), both with synthetic thread guard. Detailed description: Page 288 and 49



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]
LE-POW 100R-FK	B-POW 100R-FK	LE-POW 100R-FI-FK	100	35	150	Roller bearing	125	100 x 85	80 x 60	9	36
LE-POW 100K-FK	B-POW 100K-FK	LE-POW 100K-FI-FK	100	35	150	Ball bearing (C)	125	100 x 85	80 x 60	9	36
LE-POW 125R-FK	B-POW 125R-FK	LE-POW 125R-FI-FK	125	35	150	Roller bearing	150	100 x 85	80 x 60	9	40
LE-POW 125K-FK	B-POW 125K-FK	LE-POW 125K-FI-FK	125	35	150	Ball bearing (C)	150	100 x 85	80 x 60	9	40

For stainless steel versions refer to page 373

**Options**



	Directional lock (retro fit) 1 x 360° *	With synthetic foot guard	With stainless steel roller bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page	83	84	60	61
Product code suffix	RI-03.01	-FP	-XR	-KD
Available for	all sizes	wheel Ø 125 mm upon request	upon request	upon request

\* Only for swivel castors without brake

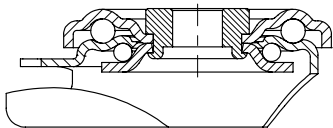


Series: LER-POW

**Pressed steel castors with bolt hole fitting, with noise absorbing nylon wheel**

150 kg

RoHS



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65

**Wheels:** POW series - Made of high-quality, impact-resistant nylon, 70° shore D, white, with elastic solid rubber damping ring, red. Bearing types: Roller bearing or a centrally encapsulated ball bearing (C), both with synthetic thread guard. Detailed description: Page 288 and 49

Wheel and swivel head 'stop-fix' brake: Page 80

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]
LER-POW 100R-FK	LER-POW 100R-FI-FK	100	35	150	Roller bearing	125	70	13	36
LER-POW 100K-FK	LER-POW 100K-FI-FK	100	35	150	Ball bearing (C)	125	70	13	36
LER-POW 125R-FK	LER-POW 125R-FI-FK	125	35	150	Roller bearing	150	70	13	40
LER-POW 125K-FK	LER-POW 125K-FI-FK	125	35	150	Ball bearing (C)	150	70	13	40

For stainless steel versions refer to page 374

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**Options**



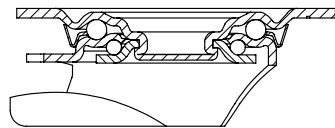
	With synthetic foot guard	With stainless steel roller bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page	84	60	61
Product code suffix	-FP	-XR	-KD
Available for	wheel Ø 125 mm upon request	upon request	upon request

Series: L-POW, B-POW

**Pressed steel castors, medium duty brackets, with top plate fitting, with noise absorbing nylon wheel**

200 kg

RoHS



**Brackets:** L/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POW series - Made of high-quality, impact-resistant nylon, 70° shore D, white, with elastic solid rubber damping ring, red. Bearing types: Roller bearing or a centrally encapsulated ball bearing (C), both with synthetic thread guard. Detailed description: Page 288 and 49



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]
L-POW 100R-FK	B-POW 100R-FK	L-POW 100R-FI-FK	100	35	200	Roller bearing	125	100 x 85	80 x 60	9	36
L-POW 100K-FK	B-POW 100K-FK	L-POW 100K-FI-FK	100	35	200	Ball bearing (C)	125	100 x 85	80 x 60	9	36
L-POW 125R-FK	B-POW 125R-FK	L-POW 125R-FI-FK	125	35	200	Roller bearing	150	100 x 85	80 x 60	9	40
L-POW 125K-FK	B-POW 125K-FK	L-POW 125K-FI-FK	125	35	200	Ball bearing (C)	150	100 x 85	80 x 60	9	40

**Options**



	Directional lock (retro fit) 1 x 360° *	With synthetic foot guard	With stainless steel roller bearing in the wheel hub	Wheel with additional ball bearing seals
Technical description page	83	84	60	61
Product code suffix	<b>RI-03.01</b>	<b>-FP</b>	<b>-XR</b>	<b>-KD</b>
Available for	all sizes	wheel Ø 125 mm upon request	upon request	upon request

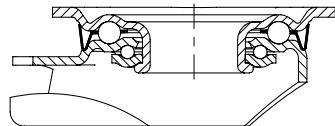
\* Only for swivel castors without brake

Series: LK-POW, BK-POW

**Pressed steel castors, medium heavy duty brackets, with top plate fitting, with noise absorbing nylon wheel**

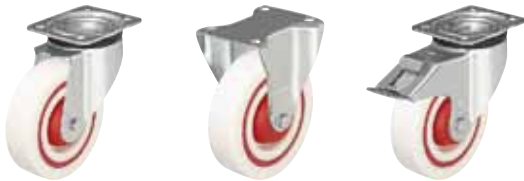
200 - 220 kg

RoHS



**Brackets:** LK/BK series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** POW series - Made of high-quality, impact-resistant nylon, 70° shore D, white, with elastic solid rubber damping ring, red. Bearing type: A centrally encapsulated ball bearing (C), with synthetic thread guard as standard. Detailed description: Page 288 and 49



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]
LK-POW 100K-1-FK	BK-POW 100K-1-FK	LK-POW 100K-1-FI-FK	100	35	200	Ball bearing (C)	130	100 x 85	80 x 60	9	45
LK-POW 100K-3-FK	BK-POW 100K-3-FK	LK-POW 100K-3-FI-FK	100	35	200	Ball bearing (C)	130	140 x 110	105 x 75-80	11	45
LK-POW 125K-1-FK	BK-POW 125K-1-FK	LK-POW 125K-1-FI-FK	125	35	220	Ball bearing (C)	155	100 x 85	80 x 60	9	48
LK-POW 125K-3-FK	BK-POW 125K-3-FK	LK-POW 125K-3-FI-FK	125	35	220	Ball bearing (C)	155	140 x 110	105 x 75-80	11	48

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**Options**



	Directional lock (retro-fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *
Technical description page	83	83
Product code suffix	RI-05.01	RI-03.03
Available for	all sizes with plate 100x85 mm	all sizes with plate 140x110 mm

\* Only for swivel castors without brake

Series: PPN

## Polypropylene wheels

80 - 450 kg

RoHS



<b>Tread &amp; tyre hardness</b>		60° shore D
<b>Temperature resistance</b>		-20° C - +60° C
<b>Rolling resistance</b>		very good
<b>Operating noise</b>		reasonable
<b>Floor surface preservation</b>		reasonable

**PPN-wheel series:**

Made of high-quality, impact-resistant polypropylene, 60° shore D hardness, low rolling and swivel resistance, colour natural white. (Material description page 40)

**Bearing types:**

- Plain bore, corrosion-resistant
- Roller bearing, lubricated with long-life grease

**Other features:**

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

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

At ambient temperatures above +30° C the load capacity is reduced.

Maintenance-free under standard conditions.

**Wheel series overview page 49**

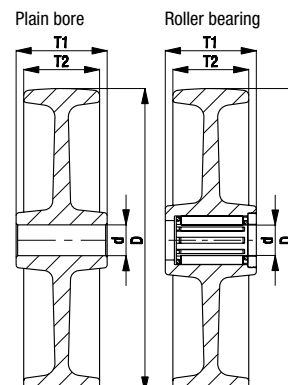
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
PPN 60/12G	60	29	80	Plain bore	12	35
PPN 80/12G	80	32	120	Plain bore	12	35
PPN 80/12R	80	32	120	Roller bearing	12	35
PPN 100/12G	100	37	160	Plain bore	12	45
PPN 100/15G	100	37	160	Plain bore	15	45
PPN 100/12R	100	37	160	Roller bearing	12	45
PPN 100/15R	100	37	160	Roller bearing	15	45
PPN 125/12G	125	40	200	Plain bore	12	45
PPN 125/15G	125	40	200	Plain bore	15	45
PPN 125/12R	125	40	200	Roller bearing	12	45
PPN 125/15R	125	40	200	Roller bearing	15	45
PPN 150/20G	150	50	300	Plain bore	20	60
PPN 150/20R	150	50	300	Roller bearing	20	60
PPN 200/20G	200	50	450	Plain bore	20	60
PPN 200/20R	200	50	450	Roller bearing	20	60

For additional dimensions of nylon wheels refer to series PO on page 276 + 277

**Options**




	Electrically conductive version, colour black	With stainless steel roller bearing in the wheel hub	In black colour
Technical description page	36, 40	60	40
<b>Product code suffix</b>	<b>-EL</b>	<b>-XR</b>	<b>PP series</b>
Available for	upon request	upon request	upon request

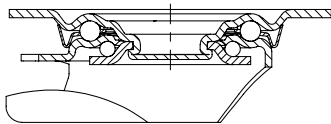


Series: LE-PPN, B-PPN

## Pressed steel castors with top plate fitting, with polypropylene wheel

 80 - 300 kg

 RoHS



**Brackets:** LE/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves.  
Bolted wheel axle.  
Zinc-plated, blue-passivated, Cr6-free.  
Bracket overview: Page 64  
Top plate drawings: Page 77  
Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PPN series - Made of high-quality, impact-resistant polypropylene, 60° shore D, natural white. Bearing types: Plain bore or roller bearing.  
Detailed description: Page 293 and 49



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]
LE-PPN 60G	B-PPN 60G		60	29	80	Plain bore	80	100 x 85	80 x 60	9	35
LE-PPN 80G	B-PPN 80G	LE-PPN 80G-FI	80	32	120	Plain bore	102	100 x 85	80 x 60	9	38
LE-PPN 80R	B-PPN 80R	LE-PPN 80R-FI	80	32	120	Roller bearing	102	100 x 85	80 x 60	9	38
LE-PPN 100G	B-PPN 100G	LE-PPN 100G-FI	100	37	150	Plain bore	125	100 x 85	80 x 60	9	36
LE-PPN 100R	B-PPN 100R	LE-PPN 100R-FI	100	37	150	Roller bearing	125	100 x 85	80 x 60	9	36
LE-PPN 125G	B-PPN 125G	LE-PPN 125G-FI	125	40	150	Plain bore	150	100 x 85	80 x 60	9	40
LE-PPN 125R	B-PPN 125R	LE-PPN 125R-FI	125	40	150	Roller bearing	150	100 x 85	80 x 60	9	40
LE-PPN 150G	B-PPN 150G	LE-PPN 150G-FI	150	50	300	Plain bore	190	140 x 110	105 x 75-80	11	54
LE-PPN 150R	B-PPN 150R	LE-PPN 150R-FI	150	50	300	Roller bearing	190	140 x 110	105 x 75-80	11	54
LE-PPN 200G	B-PPN 200G	LE-PPN 200G-FI	200	50	300	Plain bore	235	140 x 110	105 x 75-80	11	54
LE-PPN 200R	B-PPN 200R	LE-PPN 200R-FI	200	50	300	Roller bearing	235	140 x 110	105 x 75-80	11	54

### Options



	Electrically conductive version, colour black	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *	With synthetic foot guard
Technical description page	36, 40	84	80	83	83	84
Product code suffix	-EL	-FA	-ST	RI-03.01	RI-03.03	-FP
Available for	upon request	wheel Ø 80-200 mm	wheel Ø 150-200 mm	wheel Ø 100-125 mm	wheel Ø 150-200 mm	wheel Ø 125 mm upon request

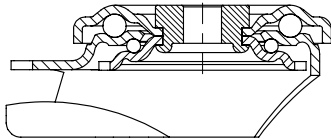
\* Only for swivel castors without brake

Series: LER-PPN

## Pressed steel castors with bolt hole fitting, with polypropylene wheel

80 - 300 kg

RoHS



**Brackets:** LER series - Made of pressed steel, with double ball bearing in the swivel head, strong central kingpin, ball protection by the special top plate and ball disc design. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65

**Wheels:** PPN series - Made of high-quality, impact-resistant polypropylene, 60° shore D, natural white. Bearing types: Plain bore or roller bearing. Detailed description: Page 293 and 49

Wheel and swivel head 'stop-fix' brake: Page 80

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]
LER-PPN 60G		60	29	80	Plain bore	80	70	13	35
LER-PPN 80G	LER-PPN 80G-FI	80	32	120	Plain bore	102	70	13	38
LER-PPN 80R	LER-PPN 80R-FI	80	32	120	Roller bearing	102	70	13	38
LER-PPN 100G	LER-PPN 100G-FI	100	37	150	Plain bore	125	70	13	36
LER-PPN 100R	LER-PPN 100R-FI	100	37	150	Roller bearing	125	70	13	36
LER-PPN 125G	LER-PPN 125G-FI	125	40	150	Plain bore	150	70	13	40
LER-PPN 125R	LER-PPN 125R-FI	125	40	150	Roller bearing	150	70	13	40
LER-PPN 150G	LER-PPN 150G-FI	150	50	300	Plain bore	190	88	13	54
LER-PPN 150R	LER-PPN 150R-FI	150	50	300	Roller bearing	190	88	13	54
LER-PPN 200G	LER-PPN 200G-FI	200	50	300	Plain bore	235	88	13	54
LER-PPN 200R	LER-PPN 200R-FI	200	50	300	Roller bearing	235	88	13	54

### Options



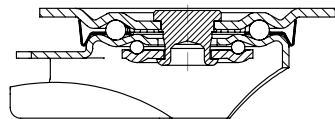
	Electrically conductive version, colour black	With pressed steel thread guard, zinc-plated	With synthetic foot guard
Technical description page	36, 40	84	84
Product code suffix	-EL	-FA	-FP
Available for	upon request	wheel Ø 80-200 mm	wheel Ø 125 mm upon request

Series: L-PPN, B-PPN

**Pressed steel castors, medium duty brackets, with top plate fitting, with polypropylene wheel**

120 - 400 kg

RoHS



**Brackets:** L/B series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 150-200 mm), swivel head seals. The special Blickle dynamic riveting process of the swivel head results in minimal swivel head play and smooth rolling characteristics with an increased service life achieved by the work hardening of the ball race grooves. Bolted wheel axle. Zinc-plated, blue-passivated, Cr6-free. Bracket overview: Page 65 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

**Wheels:** PPN series - Made of high-quality, impact-resistant polypropylene, 60° shore D, natural white. Bearing types: Plain bore or roller bearing. Detailed description: Page 293 and 49



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]
L-PPN 80G	B-PPN 80G	L-PPN 80G-FI	80	32	120	Plain bore	102	100 x 85	80 x 60	9	38
L-PPN 80R	B-PPN 80R	L-PPN 80R-FI	80	32	120	Roller bearing	102	100 x 85	80 x 60	9	38
L-PPN 100G	B-PPN 100G	L-PPN 100G-FI	100	37	160	Plain bore	125	100 x 85	80 x 60	9	36
L-PPN 100R	B-PPN 100R	L-PPN 100R-FI	100	37	160	Roller bearing	125	100 x 85	80 x 60	9	36
L-PPN 125G	B-PPN 125G	L-PPN 125G-FI	125	40	200	Plain bore	150	100 x 85	80 x 60	9	40
L-PPN 125R	B-PPN 125R	L-PPN 125R-FI	125	40	200	Roller bearing	150	100 x 85	80 x 60	9	40
L-PPN 150G	B-PPN 150G	L-PPN 150G-FI	150	50	300	Plain bore	190	140 x 110	105 x 75-80	11	60
L-PPN 150R	B-PPN 150R	L-PPN 150R-FI	150	50	300	Roller bearing	190	140 x 110	105 x 75-80	11	60
L-PPN 200G	B-PPN 200G	L-PPN 200G-FI	200	50	400	Plain bore	235	140 x 110	105 x 75-80	11	65
L-PPN 200R	B-PPN 200R	L-PPN 200R-FI	200	50	400	Roller bearing	235	140 x 110	105 x 75-80	11	65

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**Options**

	Electrically conductive version, colour black	With pressed steel thread guard, zinc-plated	With 'stop-top' brake	Directional lock (retro fit) 1 x 360° *	Directional lock (retro fit) 1 x 360° *	With synthetic foot guard	With steel foot guard
Technical description page	36, 40	84	80	83	83	84	84
Product code suffix	-EL	-FA	-ST	RI-03.01	RI-05.03	-FP	-FS
Available for	upon request	all sizes	all sizes	wheel Ø 100-125 mm	wheel Ø 150-200 mm	wheel Ø 125 mm upon request	wheel Ø 150-200 mm upon request

\* Only for swivel castors without brake

