














Heavy duty wheels and castors with cast polyurethane tread **Blickle Softhane**[®]



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Table of Contents

		L	LK	LKR	LU	LH	LO	LS	LSD
	ALST								
	Series	ALST	L-ALST	LK-ALST	LKR-ALST	LU-ALST	LH-ALST	LO-ALST	
	Wheel Ø	80 - 300 mm	80 - 250 mm	80 - 200 mm	80 - 125 mm	125 - 200 mm	80 - 250 mm	125 - 250 mm	
	Load capacity	180 - 1150 kg	180 - 500 kg	230 - 600 kg	230 - 350 kg	450 - 700 kg	230 - 800 kg	450 - 800 kg	
Page	222	223	224	225	226	227	228		
	GST								
	Series	GST			LU-GST	LH-GST	LO-GST	LS-GST	LSD-GST
	Wheel Ø	125 - 300 mm			125 - 200 mm	125 - 250 mm	125 - 250 mm	125 - 300 mm	125 - 300 mm
	Load capacity	450 - 1800 kg			450 - 750 kg	450 - 900 kg	450 - 1200 kg	450 - 1800 kg	900 - 3600 kg
Page	229				230	231	232	233	234

Series: ALST

Heavy duty wheels with Blickle Softhane® polyurethane tread, with aluminium wheel centre

180 - 1150 kg

RoHS



Tread & tyre hardness	75° shore A
Temperature resistance	-25° C - +70° C temporarily up to +90° C
Rolling resistance	very good
Operating noise	very good
Floor surface preservation	very good



ALST-wheel series:

Tread: Made of high-quality, reaction-injected polyurethane-elastomer Blickle Softhane®, 75° shore A hardness, very high operational comfort due to an extremely thick, elastic tread, low-noise operation, low rolling resistance, very good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour green, non-marking, non-staining, very good chemical connection with the wheel centre. (Material description page 39)

Wheel centre: Made of die-cast aluminium.

Bearing type:

- 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 +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

Maintenance-free under standard conditions.

Wheel series overview page 47

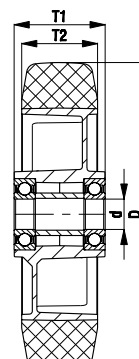
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
ALST 80/15K	80	30	180	Ball bearing	15	35
ALST 82/15K	80	40	230	Ball bearing	15	40
ALST 100/15K	100	40	300	Ball bearing	15	40
ALST 125/15K	125	40	350	Ball bearing	15	45
ALST 127/20K	125	54	450	Ball bearing	20	60
ALST 150/20K	150	54	500	Ball bearing	20	60
ALST 160/20K	160	50	550	Ball bearing	20	60
ALST 180/20K	180	50	600	Ball bearing	20	60
ALST 200/20K	200	50	700	Ball bearing	20	60
ALST 250/20K	250	50	800	Ball bearing	20	60
ALST 250/25K	250	50	800	Ball bearing	25	60
ALST 300/25K	300	60	1150	Ball bearing	25	70

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Options



	Antistatic version, non-marking grey	With extra crowned running tread
Technical description page	36, 39	
Product code suffix	-AS	-CO
Available for	upon request	upon request

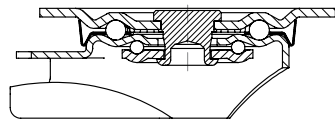


Series: L-ALST, B-ALST, BH-ALST

Pressed steel castors, medium duty brackets, with top plate fitting, wheel with Blickle Softhane® polyurethane tread

180 - 500 kg

RoHS



Brackets: L/B/BH series - Made of pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 150-250 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: ALST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 222 and 47

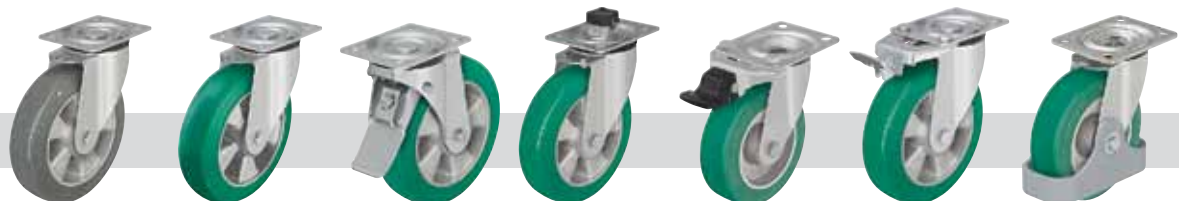


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Swivel castors	Fixed castors	Swivel castors with 'stop-fix' brake	Wheel Ø [mm]	Wheel width [mm]	Load capacity [kg]	Bearing type	Total height [mm]	Plate size [mm]	Bolt hole spacing [mm]	Bolt hole Ø [mm]	Offset swivel castor [mm]
L-ALST 80K	B-ALST 80K	L-ALST 80K-FI	80	30	180	Ball bearing	102	100 x 85	80 x 60	9	38
L-ALST 100K	B-ALST 100K	L-ALST 100K-FI	100	40	200	Ball bearing	125	100 x 85	80 x 60	9	36
L-ALST 125K	B-ALST 125K	L-ALST 125K-FI	125	40	200	Ball bearing	150	100 x 85	80 x 60	9	40
L-ALST 150K	B-ALST 150K	L-ALST 150K-FI	150	54	400	Ball bearing	190	140 x 110	105 x 75-80	11	60
L-ALST 160K	B-ALST 160K	L-ALST 160K-FI	160	50	400	Ball bearing	195	140 x 110	105 x 75-80	11	60
L-ALST 180K	B-ALST 180K	L-ALST 180K-FI	180	50	400	Ball bearing	215	140 x 110	105 x 75-80	11	60
L-ALST 200K	B-ALST 200K	L-ALST 200K-FI	200	50	400	Ball bearing	235	140 x 110	105 x 75-80	11	65
L-ALST 250K-3	BH-ALST 250K	*	250	50	500	Ball bearing	295	140 x 110	105 x 75-80	11	77

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

Options



	Antistatic version, non-marking grey	With extra crowned running tread	With 'stop-top' brake	With central braking system 'central-stop'	Directional lock (retro fit) 1 x 360° **	Directional lock (retro fit) 1 x 360° **	With synthetic (-FP) or steel (-FS) foot guard
Technical description page	36, 39		80	81	83	83	84
Product code suffix	-AS	-CO	-ST	-CS11	RI-03.01	RI-05.03	-FP / -FS
Available for	upon request	upon request	all sizes	wheel Ø 160+200 mm	wheel Ø 100-125 mm	wheel Ø 150-200 mm	upon request

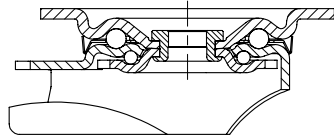
** Only for swivel castors without brake

Series: LK-ALST, BK-ALST, BH-ALST

Pressed steel castors, medium heavy duty brackets, with top plate fitting, wheel with Blickle Softhane® polyurethane tread

230 - 600 kg

RoHS



Brackets: LK/BK/BH series - Made of heavy pressed steel, swivel bracket with double ball bearing in the swivel head, strong central kingpin (wheel Ø 125x54 - 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 66 Top plate drawings: Page 77 Wheel and swivel head 'stop-fix' brake: Page 80

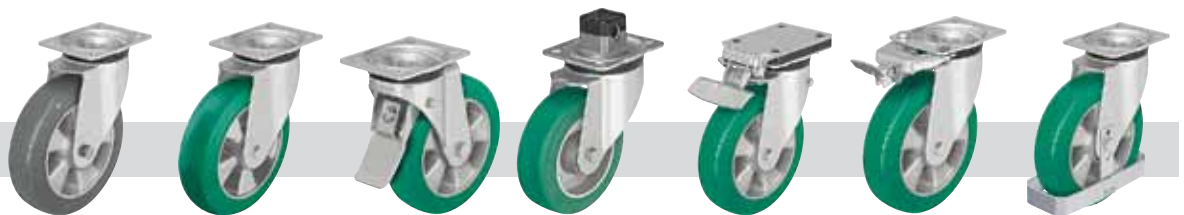
Wheels: ALST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 222 and 47



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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-ALST 82K	BK-ALST 82K	LK-ALST 82K-FI	80	40	230	Ball bearing	110	100 x 85	80 x 60	9	40
LK-ALST 100K-1	BK-ALST 100K-1	LK-ALST 100K-1-FI	100	40	300	Ball bearing	130	100 x 85	80 x 60	9	45
LK-ALST 100K-3	BK-ALST 100K-3	LK-ALST 100K-3-FI	100	40	300	Ball bearing	130	140 x 110	105 x 75-80	11	45
LK-ALST 125K-1	BK-ALST 125K-1	LK-ALST 125K-1-FI	125	40	350	Ball bearing	155	100 x 85	80 x 60	9	48
LK-ALST 125K-3	BK-ALST 125K-3	LK-ALST 125K-3-FI	125	40	350	Ball bearing	155	140 x 110	105 x 75-80	11	48
LK-ALST 127K	BH-ALST 127K	LK-ALST 127K-FI	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LK-ALST 150K	BH-ALST 150K	LK-ALST 150K-FI	150	54	500	Ball bearing	197	140 x 110	105 x 75-80	11	63
LK-ALST 160K	BH-ALST 160K	LK-ALST 160K-FI	160	50	550	Ball bearing	202	140 x 110	105 x 75-80	11	63
LK-ALST 180K	BH-ALST 180K	LK-ALST 180K-FI	180	50	600	Ball bearing	223	140 x 110	105 x 75-80	11	65
LK-ALST 200K	BH-ALST 200K	LK-ALST 200K-FI	200	50	600	Ball bearing	245	140 x 110	105 x 75-80	11	65

Options



	Antistatic version, non-marking grey	With extra crowned running tread	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, 39		80	81	80	83	84
Product code suffix	-AS	-CO	-ST	-CS11	-IS	refer to **	-FS
Available for	upon request	upon request	all sizes	wheel Ø 100 - 125x40 mm	Ø 100, 125, 160, 200 with plate 140x110	for wheel Ø and plate dimensions refer to **	upon request

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

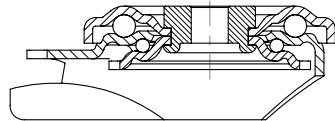
** **RI-05.01** available for wheel Ø 80 - 125 mm with plate 100x85 mm, **RI-03.03** available for wheel Ø 100 - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x54 - 200 mm (only for swivel castors without brake)

Series: LKR-ALST

Pressed steel castors, medium heavy duty brackets, with bolt hole fitting, wheel with Blickle Softhane® polyurethane tread

230 - 350 kg

RoHS



Brackets: LKR series - Made of heavy 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 66 Wheel and swivel head 'stop-fix' brake: Page 80

Wheels: ALST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 222 and 47



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]
LKR-ALST 82K	LKR-ALST 82K-FI	80	40	230	Ball bearing	110	88	13	40
LKR-ALST 100K	LKR-ALST 100K-FI	100	40	300	Ball bearing	130	88	13	45
LKR-ALST 125K	LKR-ALST 125K-FI	125	40	350	Ball bearing	155	88	13	48

Options



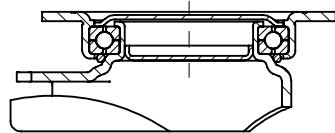
Antistatic version, non-marking grey	With extra crowned running tread
Technical description page	36, 39
Product code suffix	-AS -CO
Available for	upon request upon request

Series: LU-ALST, BH-ALST

Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with Blickle Softhane® polyurethane tread

450 - 700 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: ALST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 222 and 47



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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-ALST 127K	BH-ALST 127K	LU-ALST 127K-FI	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-ALST 150K	BH-ALST 150K	LU-ALST 150K-FI	150	54	500	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-ALST 160K	BH-ALST 160K	LU-ALST 160K-FI	160	50	550	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-ALST 200K	BH-ALST 200K	LU-ALST 200K-FI	200	50	700	Ball bearing	245	140 x 110	105 x 75-80	11	63

Options



	Antistatic version, non-marking grey	With extra crowned running tread	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	36, 39		83	84
Product code suffix	-AS	-CO	RI-05.03	-FS
Available for	upon request	upon request	all sizes	upon request

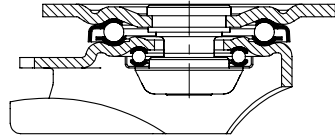
* Only for swivel castors without brake

Series: LH-ALST, BH-ALST

Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with Blickle Softhane® polyurethane tread

230 - 800 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: ALST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining.
 Wheel centre: Made of die-cast aluminium.
 Bearing type: Two pressed-in ball bearings.
 Detailed description: Page 222 and 47



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-ALST 82K	BH-ALST 82K	LH-ALST 82K-FI	80	40	230	Ball bearing	120	100 x 85	80 x 60	9	45
LH-ALST 100K-1	BH-ALST 100K-1	LH-ALST 100K-1-FI	100	40	300	Ball bearing	140	100 x 85	80 x 60	9	45
LH-ALST 100K-3	BH-ALST 100K-3	LH-ALST 100K-3-FI	100	40	300	Ball bearing	140	140 x 110	105 x 75-80	11	45
LH-ALST 125K-1	BH-ALST 125K-1	LH-ALST 125K-1-FI	125	40	350	Ball bearing	165	100 x 85	80 x 60	9	45
LH-ALST 125K-3	BH-ALST 125K-3	LH-ALST 125K-3-FI	125	40	350	Ball bearing	165	140 x 110	105 x 75-80	11	45
LH-ALST 127K	BH-ALST 127K	LH-ALST 127K-FI	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-ALST 150K	BH-ALST 150K	LH-ALST 150K-FI	150	54	500	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-ALST 160K	BH-ALST 160K	LH-ALST 160K-FI	160	50	550	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-ALST 180K	BH-ALST 180K	LH-ALST 180K-FI	180	50	600	Ball bearing	223	140 x 110	105 x 75-80	11	67
LH-ALST 200K	BH-ALST 200K	LH-ALST 200K-FI	200	50	700	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-ALST 250K	BH-ALST 250K	*	250	50	800	Ball bearing	295	140 x 110	105 x 75-80	11	82

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

Options



	Antistatic version, non-marking grey	With extra crowned running tread	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, 39		80	81	80	83	84
Product code suffix	-AS	-CO	-ST	-CS13	-IS	refer to ***	-FS
Available for	upon request	upon request	all sizes	wheel Ø 125x54, 160, 200, 250 mm	wheel Ø 125x54, 160, 200, 250 mm	for wheel Ø and plate dimensions refer to***	upon request

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

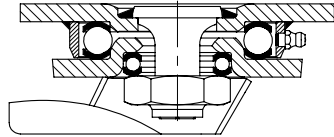
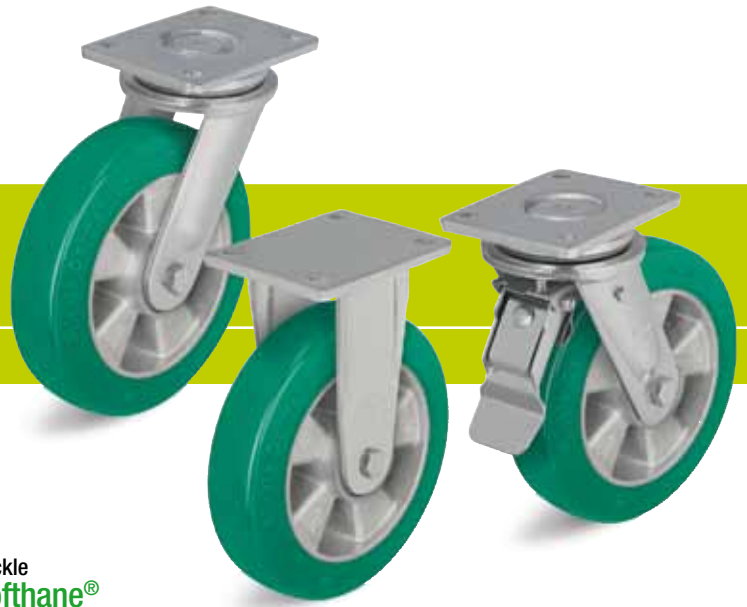
*** **RI-04.01** available for wheel Ø 80 - 125 mm with plate 100x85 mm, **RI-04.03** available for wheel Ø 100 - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x54 - 200 mm (only for swivel castors without brake)

Series: LO-ALST, BO-ALST

Welded steel heavy duty castors, wheel with Blickle Softhane® polyurethane tread

450 - 800 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

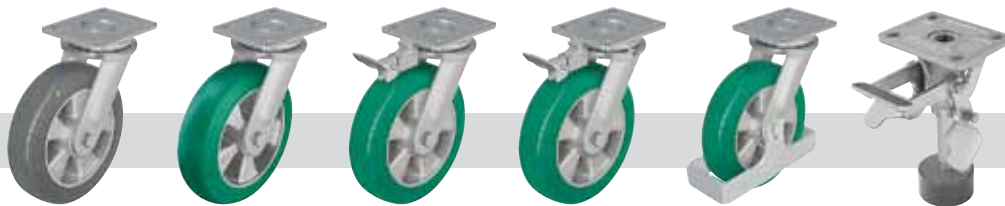
Wheels: ALST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining.
Wheel centre: Made of die-cast aluminium.
Bearing type: Two pressed-in ball bearings.
Detailed description: Page 222 and 47



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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-ALST 127K	BO-ALST 127K	LO-ALST 127K-ST	125	54	450	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-ALST 150K	BO-ALST 150K	LO-ALST 150K-ST	150	54	500	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-ALST 160K	BO-ALST 160K	LO-ALST 160K-ST	160	50	550	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-ALST 200K	BO-ALST 200K	LO-ALST 200K-ST	200	50	700	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-ALST 250K	BO-ALST 250K	LO-ALST 250K-ST	250	50	800	Ball bearing	295	140 x 110	105 x 75-80	11	70

Options



	Antistatic version, non-marking grey	With extra crowned running tread	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	36, 39		83	83	84	82, 483
Product code suffix	-AS	-CO	-RI2	-RI4	-FS	FF 125/150/160/200
Available for	upon request	upon request	wheel Ø 125-200 mm	wheel Ø 125-200 mm	upon request	wheel Ø 125-200 mm

Series: GST

Heavy duty wheels with Blickle Softhane® polyurethane tread, with cast iron wheel centre

450 - 1800 kg

RoHS



Tread & tyre hardness	75° shore A
Temperature resistance	-25° C - +70° C temporarily up to +90° C
Rolling resistance	very good
Operating noise	very good
Floor surface preservation	very good



GST-wheel series:

Tread: Made of high-quality, reaction-injected polyurethane-elastomer Blickle Softhane®, 75° shore A hardness, very high operational comfort due to an extremely thick, elastic tread, low-noise operation, low rolling resistance, very good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour green, non-marking, non-staining, very good chemical connection with the wheel centre. (Material description page 39)

Wheel centre: Made of rugged grey cast iron, wheel Ø 160 mm or larger with grease nipple, lacquered, colour silver.

Bearing type:

- 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 +70° C, temporarily up to +90° C.

At ambient temperatures above +40° C the load capacity is reduced.

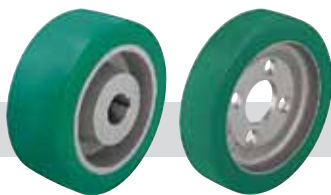
Maintenance-free under standard conditions.

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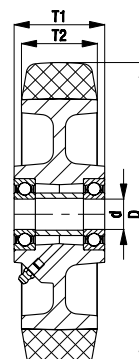
Wheels	Wheel Ø (D) [mm]	Wheel width (T2) [mm]	Load capacity [kg]	Bearing type	Axle bore Ø (d) [mm]	Hub length (T1) [mm]
GST 127/20K	125	50	450	Ball bearing	20	60
GST 150/20K	150	50	550	Ball bearing	20	60
GST 160/20K	160	50	600	Ball bearing	20	60
GST 200/20K	200	50	800	Ball bearing	20	60
GST 200/25K	200	50	800	Ball bearing	25	60
GST 202/25K	200	80	1200	Ball bearing	25	90
GST 250/25K	250	60	1200	Ball bearing	25	70
GST 252/25K	250	80	1400	Ball bearing	25	90
GST 302/30K	300	80	1800	Ball bearing	30	90

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Options



	Drive wheels with hub keyway	Hub fitting wheels
Technical description page	56	58
Product code suffix	GSTN series	GSTA series
Available for	refer to page 461	refer to page 468

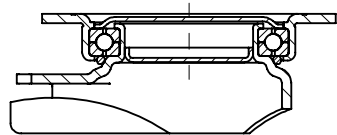


Series: LU-GST, BH-GST

Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with Blickle Softhane® polyurethane tread

450 - 750 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: GST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining.

Wheel centre: Made of rugged grey cast iron, wheel Ø 160 mm or larger with grease nipple, lacquered, silver.

Bearing type: Two pressed-in ball bearings.

Detailed description: Page 229 and 47



9

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-GST 127K	BH-GST 127K	LU-GST 127K-FI	125	50	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LU-GST 150K	BH-GST 150K	LU-GST 150K-FI	150	50	550	Ball bearing	197	140 x 110	105 x 75-80	11	61
LU-GST 160K	BH-GST 160K	LU-GST 160K-FI	160	50	600	Ball bearing	202	140 x 110	105 x 75-80	11	61
LU-GST 200K	BH-GST 200K	LU-GST 200K-FI	200	50	750	Ball bearing	245	140 x 110	105 x 75-80	11	63

Options



	Directional lock (retro fit) 1 x 360° *	With steel foot guard
Technical description page	83	84
Product code suffix	RI-05.03	-FS
Available for	all sizes	upon request

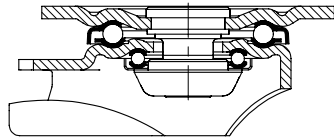
* Only for swivel castors without brake

Series: LH-GST, BH-GST

Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with Blickle Softhane® polyurethane tread

450 - 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: GST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining.
 Wheel centre: Made of rugged grey cast iron, wheel Ø 160 mm or larger with grease nipple, lacquered, silver.
 Bearing type: Two pressed-in ball bearings.
 Detailed description: Page 229 and 47



9

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-GST 127K	BH-GST 127K	LH-GST 127K-FI	125	50	450	Ball bearing	170	140 x 110	105 x 75-80	11	55
LH-GST 150K	BH-GST 150K	LH-GST 150K-FI	150	50	550	Ball bearing	197	140 x 110	105 x 75-80	11	65
LH-GST 160K	BH-GST 160K	LH-GST 160K-FI	160	50	600	Ball bearing	202	140 x 110	105 x 75-80	11	65
LH-GST 200K	BH-GST 200K	LH-GST 200K-FI	200	50	800	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-GST 202K	BO-GST 202K *	**	200	80	800	Ball bearing	245	140 x 110	105 x 75-80	11	70
LH-GST 250K	BH-GST 250K	**	250	60	900	Ball bearing	295	140 x 110	105 x 75-80	11	82

* Welded steel construction, for technical description refer to page 232

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

Options



	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 steel foot guard	Truck lock
Technical description page	80	81	80	83	84	82, 483
Product code suffix	-ST	-CS13	-IS	RI-05.03	-FS	FF 125/150/160/200
Available for	all sizes	wheel Ø 125, 160, 200x50, 250 mm	wheel Ø 125, 160, 200x50, 250 mm	wheel Ø 125 - 200x50 mm	upon request	wheel Ø 125-200 mm

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

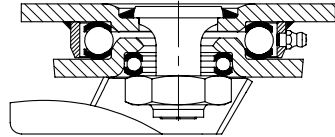
**** Only for swivel castors without brake

Series: LO-GST, BO-GST

Welded steel heavy duty castors, wheel with Blickle Softhane® polyurethane tread

450 - 1200 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: GST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining. Wheel centre: Made of rugged grey cast iron, wheel Ø 160 mm or larger with grease nipple, lacquered, silver. Bearing type: Two pressed-in ball bearings. Detailed description: Page 229 and 47



9

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-GST 127K	BO-GST 127K	LO-GST 127K-ST	125	50	450	Ball bearing	170	140 x 110	105 x 75-80	11	50
LO-GST 150K	BO-GST 150K	LO-GST 150K-ST	150	50	550	Ball bearing	200	140 x 110	105 x 75-80	11	55
LO-GST 160K	BO-GST 160K	LO-GST 160K-ST	160	50	600	Ball bearing	205	140 x 110	105 x 75-80	11	55
LO-GST 200K	BO-GST 200K	LO-GST 200K-ST	200	50	800	Ball bearing	245	140 x 110	105 x 75-80	11	60
LO-GST 202K	BO-GST 202K	LO-GST 202K-ST	200	80	1100	Ball bearing	245	140 x 110	105 x 75-80	11	65
LO-GST 250K	BO-GST 250K	LO-GST 250K-ST	250	60	1200	Ball bearing	295	140 x 110	105 x 75-80	11	70

Options



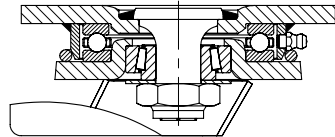
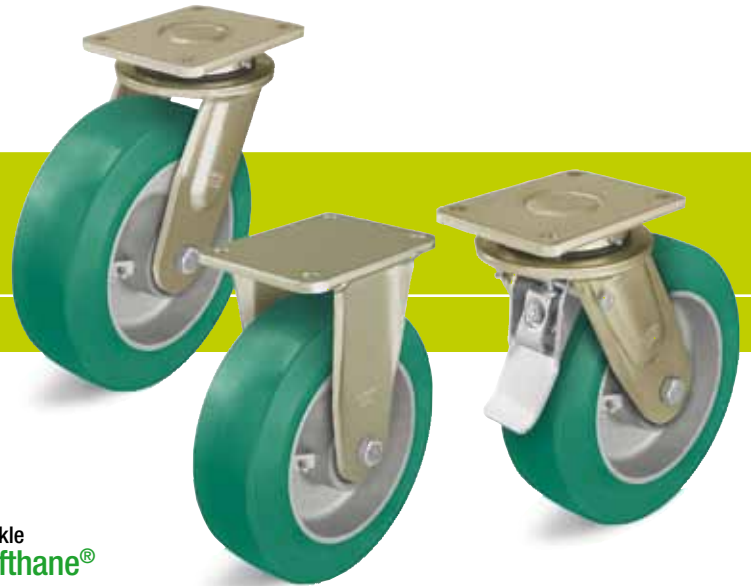
	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	83	83	84	82, 483
Product code suffix	-RI2	-RI4	-FS	FF 125/150/160/200
Available for	wheel Ø 125 - 200x50 mm	wheel Ø 125 - 200x50 mm	upon request	wheel Ø 125-200 mm

Series: LS-GST, BS-GST

Welded steel heavy duty castors, strong swivel head design, wheel with Blickle Softhane® polyurethane tread

450 - 1800 kg

RoHS



Brackets: LS/BS series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin. Bolted wheel axle. Zinc-plated, yellow-passivated, Cr6-free. Bracket overview: Page 68 Top plate drawings: Page 77 and 78 Wheel and swivel head 'stop-top' brake: Page 80

Wheels: GST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining. Wheel centre: Made of rugged grey cast iron, wheel Ø 160 mm or larger with grease nipple, lacquered, silver. Bearing type: Two pressed-in ball bearings. Detailed description: Page 229 and 47



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]
LS-GST 127K	BS-GST 127K	LS-GST 127K-ST	125	50	450	Ball bearing	170	140 x 110	105 x 75-80	11	50
LS-GST 150K	BS-GST 150K	LS-GST 150K-ST	150	50	550	Ball bearing	200	140 x 110	105 x 75-80	11	55
LS-GST 160K	BS-GST 160K	LS-GST 160K-ST	160	50	600	Ball bearing	205	140 x 110	105 x 75-80	11	55
LS-GST 200K	BS-GST 200K	LS-GST 200K-ST	200	50	800	Ball bearing	245	140 x 110	105 x 75-80	11	60
LS-GST 202K	BS-GST 202K	LS-GST 202K-ST	200	80	1200	Ball bearing	255	175 x 140	140 x 105	14	65
LS-GST 250K	BS-GST 250K	LS-GST 250K-ST	250	60	1200	Ball bearing	305	175 x 140	140 x 105	14	75
LS-GST 252K	BS-GST 252K	LS-GST 252K-ST	250	80	1400	Ball bearing	305	175 x 140	140 x 105	14	75
LS-GST 302K	BS-GST 302K	LS-GST 302K-ST	300	80	1800	Ball bearing	355	175 x 140	140 x 105	14	85

Options



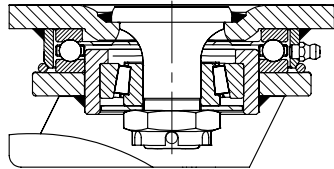
	With directional lock 2 x 180°	With directional lock 4 x 90°	With steel foot guard	Truck lock
Technical description page	83	83	84	82, 483
Product code suffix	-RI2	-RI4	-FS	FF 125/150/160/200
Available for	all sizes	all sizes	upon request	wheel Ø 125 - 200x50 mm

Series: LSD-GST, BSD-GST

Welded steel heavy duty twin wheel castors, strong swivel head design, wheels with Blickle Softhane® polyurethane tread

900 - 3600 kg

✓RoHS



Brackets: LSD/BSG series - Particularly rugged welded steel construction, swivel bracket with axial grooved ball bearing DIN 711 and tapered roller bearing DIN 720 in the swivel head, dust and splash-proof, fitted grease nipple, bolted and secured with a welded very strong central kingpin.
 Bolted wheel axle.
 Zinc-plated, yellow-passivated, Cr6-free.
 Bracket overview: Page 68
 Top plate drawings: Page 78

Wheels: GST series - Tread: Made of high-quality polyurethane-elastomer Blickle Softhane®, 75° shore A, green, non-marking, non-staining.
 Wheel centre: Made of rugged grey cast iron, wheel Ø 160 mm or larger with grease nipple, lacquered, silver.
 Bearing type: Two pressed-in ball bearings.
 Detailed description: Page 229 and 47



9

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]
LSD-GST 127K	BSD-GST 127K	125	2 x 50	900	Ball bearing	185	140 x 175 *	105 x 140	14	50
LSD-GST 150K-35	BSD-GST 150K-35	150	2 x 50	1100	Ball bearing	215	140 x 175 *	105 x 140	14	55
LSD-GST 200K-35	BSD-GST 200K-35	200	2 x 50	1600	Ball bearing	260	140 x 175 *	105 x 140	14	60
LSD-GST 202K	BSD-GST 202K	200	2 x 80	2400	Ball bearing	280	200 x 255 *	160 x 210	18	60
LSD-GST 250K	BSD-GST 250K	250	2 x 60	2400	Ball bearing	330	200 x 255 *	160 x 210	18	70
LSD-GST 252K	BSD-GST 252K	250	2 x 80	2800	Ball bearing	330	200 x 255 *	160 x 210	18	70
LSD-GST 302K	BSD-GST 302K	300	2 x 80	3600	Ball bearing	390	200 x 255 *	160 x 210	18	80

* Fixed castors: Long plate side is parallel to the axle

Options



	With 'Radstop' wheel brake up to wheel Ø 200x50 mm	With 'Radstop' wheel brake, wheel Ø 200x80 mm or larger	With directional lock 2 x 180°	With directional lock 4 x 90°	With directional lock 4 x 90° (hand-operated)	With steel foot guard
Technical description page	81	81	83	83	83	84
Product code suffix	-RA	-RAH	-RI2	-RI4	-RI4H	-FS
Available for	upon request	upon request	wheel Ø 125-200x50 upon request	wheel Ø 125-200x50 upon request	Ø 200x80-300 mm upon request	upon request

