



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



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Table of Contents

| | ALBS | LK | LKR | LU | LH | LS |
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| Series | ALBS | LK-ALBS | LKR-ALBS | LU-ALBS | LH-ALBS | LS-ALBS |
| Wheel Ø | 80 - 300 mm | 80 - 200 mm | 80 - 125 mm | 125 - 200 mm | 80 - 250 mm | 125 - 300 mm |
| Load capacity | 180 - 1150 kg | 230 - 600 kg | 230 - 350 kg | 450 - 700 kg | 230 - 800 kg | 450 - 1150 kg |
| Page | 238 | 239 | 240 | 241 | 242 | 243 |

Series: ALBS

Heavy duty wheels with Blickle Besthane® Soft 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 | excellent |
| Operating noise | very good |
| Floor surface preservation | very good |



ALBS-wheel series:

Tread: Made of high-quality, reaction-injected polyurethane-elastomer Blickle Besthane® Soft, 75° shore A hardness, very high operational comfort due to an extremely thick, elastic tread, low-noise operation, **very low rolling resistance**, **high dynamic load capacity**, very good floor preservation, high abrasion resistance, high cut and tear propagation resistance, colour blue, 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

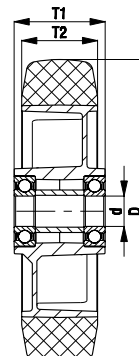
| Wheels | Wheel Ø (D) [mm] | Wheel width (T2) [mm] | Load capacity [kg] | Bearing type | Axle bore Ø (d) [mm] | Hub length (T1) [mm] |
|--------------|------------------|-----------------------|--------------------|--------------|----------------------|----------------------|
| ALBS 80/15K | 80 | 30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

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Options



| | | |
|----------------------------|-----------------------------------------------|----------------------------------|
| | Hydrolysis resistant, with nylon wheel centre | With extra crowned running tread |
| Technical description page | 39 | |
| Product code suffix | POBS series | -C0 |
| Available for | upon request | upon request |

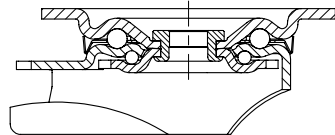


Series: LK-ALBS, BK-ALBS, BH-ALBS

Pressed steel castors, medium heavy duty brackets, with top plate fitting, wheel with Blickle Besthane® Soft 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: ALBS series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane® Soft, 75° shore A, **very low rolling resistance, high dynamic load capacity**, blue, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 238 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] |
|----------------|----------------|--------------------------------------|--------------|------------------|--------------------|--------------|-------------------|-----------------|------------------------|------------------|---------------------------|
| LK-ALBS 82K | BK-ALBS 82K | LK-ALBS 82K-FI | 80 | 40 | 230 | Ball bearing | 110 | 100 x 85 | 80 x 60 | 9 | 40 |
| LK-ALBS 100K-1 | BK-ALBS 100K-1 | LK-ALBS 100K-1-FI | 100 | 40 | 300 | Ball bearing | 130 | 100 x 85 | 80 x 60 | 9 | 45 |
| LK-ALBS 100K-3 | BK-ALBS 100K-3 | LK-ALBS 100K-3-FI | 100 | 40 | 300 | Ball bearing | 130 | 140 x 110 | 105 x 75-80 | 11 | 45 |
| LK-ALBS 125K-1 | BK-ALBS 125K-1 | LK-ALBS 125K-1-FI | 125 | 40 | 350 | Ball bearing | 155 | 100 x 85 | 80 x 60 | 9 | 48 |
| LK-ALBS 125K-3 | BK-ALBS 125K-3 | LK-ALBS 125K-3-FI | 125 | 40 | 350 | Ball bearing | 155 | 140 x 110 | 105 x 75-80 | 11 | 48 |
| LK-ALBS 127K | BH-ALBS 127K | LK-ALBS 127K-FI | 125 | 54 | 450 | Ball bearing | 170 | 140 x 110 | 105 x 75-80 | 11 | 55 |
| LK-ALBS 150K | BH-ALBS 150K | LK-ALBS 150K-FI | 150 | 54 | 500 | Ball bearing | 197 | 140 x 110 | 105 x 75-80 | 11 | 63 |
| LK-ALBS 160K | BH-ALBS 160K | LK-ALBS 160K-FI | 160 | 50 | 550 | Ball bearing | 202 | 140 x 110 | 105 x 75-80 | 11 | 63 |
| LK-ALBS 180K | BH-ALBS 180K | LK-ALBS 180K-FI | 180 | 50 | 600 | Ball bearing | 223 | 140 x 110 | 105 x 75-80 | 11 | 65 |
| LK-ALBS 200K | BH-ALBS 200K | LK-ALBS 200K-FI | 200 | 50 | 600 | Ball bearing | 245 | 140 x 110 | 105 x 75-80 | 11 | 65 |

Options



| | With hydrolysis resistant wheel | With extra crowned running tread | With 'stop-top' brake | With central braking system 'central-stop' | With 'ideal-stop' brake tti. height +17mm * | Directional lock (retro-fit) 1 x 360° | With steel foot guard |
|----------------------------|---------------------------------|----------------------------------|-----------------------|--------------------------------------------|---------------------------------------------|----------------------------------------------|-----------------------|
| Technical description page | 39 | | 80 | 81 | 80 | 83 | 84 |
| Product code suffix | POBS series | -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 |

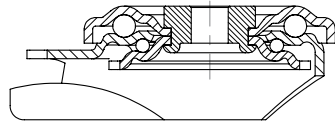
* Matching synthetic adapter plate for total height compensation for swivel and fixed castors without 'ideal-stop' brake: **Product code AP3**
 ** **RI-05.01** available for wheel Ø 80 - 125 mm with plate 100x85 mm, **RI-03.03** available for wheel Ø 100 - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x54 - 200 mm (only for swivel castors without brake)

Series: LKR-ALBS

Pressed steel castors, medium heavy duty brackets, with bolt hole fitting, wheel with Blickle Besthane® Soft 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: ALBS series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane® Soft, 75° shore A, **very low rolling resistance, high dynamic load capacity**, blue, non-marking, non-staining. Wheel centre: Made of die-cast aluminium. Bearing type: Two pressed-in ball bearings. Detailed description: Page 238 and 47



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

Options



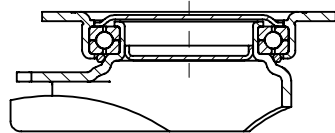
| | | |
|----------------------------|---------------------------------|----------------------------------|
| | With hydrolysis resistant wheel | With extra crowned running tread |
| Technical description page | 39 | |
| Product code suffix | POBS series | -CO |
| Available for | upon request | upon request |

Series: LU-ALBS, BH-ALBS

Pressed steel castors, closed medium heavy duty brackets, top plate fitting, wheel with Blickle Besthane® Soft 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: ALBS series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane® Soft, 75° shore A, **very low rolling resistance, high dynamic load capacity**, blue, non-marking, non-staining.

Wheel centre: Made of die-cast aluminium.

Bearing type: Two pressed-in ball bearings.

Detailed description: Page 238 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] |
|----------------|---------------|--------------------------------------|--------------|------------------|--------------------|--------------|-------------------|-----------------|------------------------|------------------|---------------------------|
| LU-ALBS 127K | BH-ALBS 127K | LU-ALBS 127K-FI | 125 | 54 | 450 | Ball bearing | 170 | 140 x 110 | 105 x 75-80 | 11 | 55 |
| LU-ALBS 150K | BH-ALBS 150K | LU-ALBS 150K-FI | 150 | 54 | 500 | Ball bearing | 197 | 140 x 110 | 105 x 75-80 | 11 | 61 |
| LU-ALBS 160K | BH-ALBS 160K | LU-ALBS 160K-FI | 160 | 50 | 550 | Ball bearing | 202 | 140 x 110 | 105 x 75-80 | 11 | 61 |
| LU-ALBS 200K | BH-ALBS 200K | LU-ALBS 200K-FI | 200 | 50 | 700 | Ball bearing | 245 | 140 x 110 | 105 x 75-80 | 11 | 63 |

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Options



| | With hydrolysis resistant wheel | With extra crowned running tread | Directional lock (retro fit) 1 x 360° * | With steel foot guard |
|----------------------------|---------------------------------|----------------------------------|-----------------------------------------|-----------------------|
| Technical description page | 39 | | 83 | 84 |
| Product code suffix | POBS series | -CO | RI-05.03 | -FS |
| Available for | upon request | upon request | all sizes | upon request |

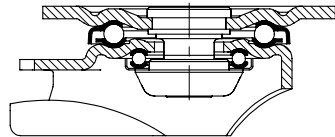
* Only for swivel castors without brake

Series: LH-ALBS, BH-ALBS

Pressed steel castors, heavy duty brackets, with top plate fitting, wheel with Blickle Besthane® Soft 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: ALBS series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane® Soft, 75° shore A, **very low rolling resistance, high dynamic load capacity**, blue, non-marking, non-staining.

Wheel centre: Made of die-cast aluminium.

Bearing type: Two pressed-in ball bearings.

Detailed description: Page 238 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] |
|----------------|----------------|--------------------------------------|--------------|------------------|--------------------|--------------|-------------------|-----------------|------------------------|------------------|---------------------------|
| LH-ALBS 82K | BH-ALBS 82K | LH-ALBS 82K-FI | 80 | 40 | 230 | Ball bearing | 120 | 100 x 85 | 80 x 60 | 9 | 45 |
| LH-ALBS 100K-1 | BH-ALBS 100K-1 | LH-ALBS 100K-1-FI | 100 | 40 | 300 | Ball bearing | 140 | 100 x 85 | 80 x 60 | 9 | 45 |
| LH-ALBS 100K-3 | BH-ALBS 100K-3 | LH-ALBS 100K-3-FI | 100 | 40 | 300 | Ball bearing | 140 | 140 x 110 | 105 x 75-80 | 11 | 45 |
| LH-ALBS 125K-1 | BH-ALBS 125K-1 | LH-ALBS 125K-1-FI | 125 | 40 | 350 | Ball bearing | 165 | 100 x 85 | 80 x 60 | 9 | 45 |
| LH-ALBS 125K-3 | BH-ALBS 125K-3 | LH-ALBS 125K-3-FI | 125 | 40 | 350 | Ball bearing | 165 | 140 x 110 | 105 x 75-80 | 11 | 45 |
| LH-ALBS 127K | BH-ALBS 127K | LH-ALBS 127K-FI | 125 | 54 | 450 | Ball bearing | 170 | 140 x 110 | 105 x 75-80 | 11 | 55 |
| LH-ALBS 150K | BH-ALBS 150K | LH-ALBS 150K-FI | 150 | 54 | 500 | Ball bearing | 197 | 140 x 110 | 105 x 75-80 | 11 | 65 |
| LH-ALBS 160K | BH-ALBS 160K | LH-ALBS 160K-FI | 160 | 50 | 550 | Ball bearing | 202 | 140 x 110 | 105 x 75-80 | 11 | 65 |
| LH-ALBS 180K | BH-ALBS 180K | LH-ALBS 180K-FI | 180 | 50 | 600 | Ball bearing | 223 | 140 x 110 | 105 x 75-80 | 11 | 67 |
| LH-ALBS 200K | BH-ALBS 200K | LH-ALBS 200K-FI | 200 | 50 | 700 | Ball bearing | 245 | 140 x 110 | 105 x 75-80 | 11 | 70 |
| LH-ALBS 250K | BH-ALBS 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



| | With hydrolysis resistant wheel | With extra crowned running tread | With 'stop-top' brake | With central braking system 'central-stop' | With 'ideal-stop' brake tti. height +17mm ** | Directional lock (retro-fit) 1 x 360° | With steel foot guard |
|----------------------------|---------------------------------|----------------------------------|-----------------------|--------------------------------------------|----------------------------------------------|----------------------------------------------|-----------------------|
| Technical description page | 39 | | 80 | 81 | 80 | 83 | 84 |
| Product code suffix | POBS series | -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**

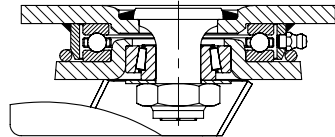
*** **RI-04.01** available for wheel Ø 80 - 125 mm with plate 100x85 mm, **RI-04.03** available for wheel Ø 100 - 125x40 mm with plate 140x110 mm, **RI-05.03** available for wheel Ø 125x54 - 200 mm (only for swivel castors without brake)

Series: LS-ALBS, BS-ALBS

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

450 - 1150 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: ALBS series - Tread: Made of high-quality polyurethane-elastomer Blickle Besthane® Soft, 75° shore A, **very low rolling resistance, high dynamic load capacity**, blue, non-marking, non-staining.
Wheel centre: Made of die-cast aluminium.
Bearing type: Two pressed-in ball bearings.
Detailed description: Page 238 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-ALBS 127K | BS-ALBS 127K | LS-ALBS 127K-ST | 125 | 54 | 450 | Ball bearing | 170 | 140 x 110 | 105 x 75-80 | 11 | 50 |
| LS-ALBS 150K | BS-ALBS 150K | LS-ALBS 150K-ST | 150 | 54 | 500 | Ball bearing | 200 | 140 x 110 | 105 x 75-80 | 11 | 55 |
| LS-ALBS 160K | BS-ALBS 160K | LS-ALBS 160K-ST | 160 | 50 | 550 | Ball bearing | 205 | 140 x 110 | 105 x 75-80 | 11 | 55 |
| LS-ALBS 200K | BS-ALBS 200K | LS-ALBS 200K-ST | 200 | 50 | 700 | Ball bearing | 245 | 140 x 110 | 105 x 75-80 | 11 | 60 |
| LS-ALBS 250K | BS-ALBS 250K | LS-ALBS 250K-ST | 250 | 50 | 800 | Ball bearing | 305 | 175 x 140 | 140 x 105 | 14 | 75 |
| LS-ALBS 300K | BS-ALBS 300K | LS-ALBS 300K-ST | 300 | 60 | 1150 | Ball bearing | 355 | 175 x 140 | 140 x 105 | 14 | 85 |

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Options



| | With hydrolysis resistant wheel | 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 | 39 | | 83 | 83 | 84 | 82, 483 |
| Product code suffix | POBS series | -C0 | -RI2 | -RI4 | -FS | FF 125/150/160/200 |
| Available for | upon request | upon request | all sizes | all sizes | upon request | wheel Ø 125-200 mm |