

Antistatic and electrically conductive wheels



9



| ALTH...-AS | ALST...-AS | PP...-EL | PO...-ELS | G | SVS |
|---|--|--------------------|--------------------------|--------------------------|----------------------|
| Polyurethane-elastomer Blickle Extrathane® | Polyurethane-elastomer Blickle Softthane® | Polypropylene | Nylon | Grey cast iron | Heat-treatable steel |
| 92 Shore A | 75 Shore A | 60 Shore D | 70 Shore D | 180–220 HB | 190–230 HB |
| ✓ | ✓ | – | ✓ | – | ✓ |
| aluminium | aluminium | polypropylene | nylon | grey cast iron | heat-treatable steel |
| 80–250 mm | 100–200 mm | 100–200 mm | 80–200 mm | 80–250 mm | 65–300 mm |
| 1,250 kg | 750 kg | 450 kg | 600 kg | 1,400 kg | 15,000 kg |
| ■ ■ ■ ■ ■ □ | ■ ■ ■ ■ ■ □ | ■ ■ ■ ■ ■ □ | ■ ■ ■ ■ ■ ■ | ■ ■ ■ ■ ■ ■ | ■ ■ ■ ■ ■ ■ |
| ■ ■ ■ ■ ■ □ | ■ ■ ■ ■ ■ □ | ■ ■ ■ ■ ■ □ | ■ ■ ■ ■ ■ □ | ■ ■ ■ ■ ■ □ | ■ ■ ■ ■ ■ □ |
| 10 km/h | 10 km/h | 4 km/h | 4 km/h | 4 km/h | 4 km/h |
| $\leq 10^7 \Omega$ | $\leq 10^7 \Omega$ | $\leq 10^4 \Omega$ | $\leq 10^4 \Omega$ | $\leq 10^4 \Omega$ | $\leq 10^4 \Omega$ |
| page 432 | page 433 | page 434 | page 435 | page 436 | page 437 |
| page 275–281 | page 295–300 | page 337–339 | page 345–354, 417–420 | page 377–381, 469–470 | page 383–384 |

TPA...-ELS series

**Wheels with thermoplastic rubber tread,
with polypropylene wheel centre
electrically conductive, non-marking**

30–160 kg

Tread and tyre hardness

85 Shore A

Smooth operation / floor preservation

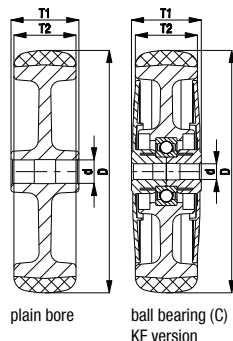
good

Rolling resistance

very good

Wear resistance

satisfactory



Tread:

- high-quality thermoplastic rubber-elastomer (TPE), hardness 85 Shore A
- low rolling and swivel resistance
- colour grey, non-marking
- chemically-bonded inseparable connection with the wheel centre

Wheel centre:

- high-quality polypropylene, impact resistant
- colour black

Other features:

- KF version: with synthetic thread guard, large
- KFD version: with synthetic thread guard, large, with additional ball bearing seal
- very high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +60 °C, reduced load capacity over +30 °C
- tread contains oil, may stain sensitive surfaces. alternatives: Series VPA, PATH
- electrical conductivity (ohmic resistance) $\leq 10^6 \Omega$

Additional details:

- wheel series: page 60
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

| Wheels | Wheel Ø (D) [mm] | Wheel width (T2) [mm] | Load capacity [kg] | Bearing type | Axle bore Ø (d) [mm] | Hub length (T1) [mm] |
|------------------|---------------------|--------------------------|-----------------------|------------------|-------------------------|-------------------------|
| TPA 50/8G-ELS | 50 | 19 | 30 | plain bore | 8 | 22 |
| TPA 50/6KF-ELS | 50 | 19 | 30 | ball bearing (C) | 6 | 23 |
| TPA 50/6KFD-ELS | 50 | 19 | 30 | ball bearing (C) | 6 | 23 |
| TPA 75/8G-ELS | 75 | 25 | 50 | plain bore | 8 | 29.5 |
| TPA 75/6KF-ELS | 75 | 25 | 50 | ball bearing (C) | 6 | 31 |
| TPA 75/6KFD-ELS | 75 | 25 | 50 | ball bearing (C) | 6 | 31 |
| TPA 80/12G-ELS | 80 | 32 | 65 | plain bore | 12 | 35 |
| TPA 80/8KF-ELS | 80 | 32 | 65 | ball bearing (C) | 8 | 36 |
| TPA 80/8KFD-ELS | 80 | 32 | 65 | ball bearing (C) | 8 | 36 |
| TPA 100/8G-ELS | 100 | 25 | 60 | plain bore | 8 | 29.5 |
| TPA 101/12G-ELS | 100 | 32 | 70 | plain bore | 12 | 35 |
| TPA 102/12G-ELS | 100 | 32 | 70 | plain bore | 12 | 45 |
| TPA 101/8KF-ELS | 100 | 32 | 70 | ball bearing (C) | 8 | 36 |
| TPA 101/8KFD-ELS | 100 | 32 | 70 | ball bearing (C) | 8 | 36 |
| TPA 102/8KF-ELS | 100 | 32 | 70 | ball bearing (C) | 8 | 46 |
| TPA 102/8KFD-ELS | 100 | 32 | 70 | ball bearing (C) | 8 | 46 |
| TPA 126/12G-ELS | 125 | 32 | 80 | plain bore | 12 | 35 |
| TPA 127/12G-ELS | 125 | 32 | 80 | plain bore | 12 | 45 |
| TPA 126/8KF-ELS | 125 | 32 | 80 | ball bearing (C) | 8 | 36 |
| TPA 126/8KFD-ELS | 125 | 32 | 80 | ball bearing (C) | 8 | 36 |
| TPA 127/8KF-ELS | 125 | 32 | 80 | ball bearing (C) | 8 | 46 |
| TPA 127/8KFD-ELS | 125 | 32 | 80 | ball bearing (C) | 8 | 46 |
| TPA 160/20G-ELS | 160 | 40 | 130 | plain bore | 20 | 60 |
| TPA 200/20G-ELS | 200 | 40 | 160 | plain bore | 20 | 60 |

Castor series



| | LPA-TPA / LKPA-TPA | LDA-TPA | LE-TPA | LPXA-TPA / LKPXA-TPA | LEX-TPA |
|---------------------|--------------------|-------------------|--------------------|----------------------|--------------------|
| Page | 124 | 126 | 187 | 391 | 399 |
| Load capacity class | | | | | |
| Available for | wheel Ø 50–125 mm* | wheel Ø 50–75 mm* | wheel Ø 80–200 mm* | wheel Ø 50–125 mm* | wheel Ø 80–200 mm* |

* Other castor series with bolt hole: LRA-TPA / LKRA-TPA (page 123), LMDA-TPA (page 125), LER-TPA (page 188), LRXA-TPA / LKRXA-TPA (page 390), LEXR-TPA (page 400)

VPA...-EL series

**Wheels with solid rubber tyre,
with synthetic rim
electrically conductive**

30–100 kg

Tread and tyre hardness

80 Shore A

Smooth operation / floor preservation

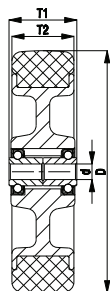
very good

Rolling resistance

good

Wear resistance

sufficient



Tyre:

- high-quality solid rubber, hardness 80 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- colour black

Rim:

- high-quality polypropylene, impact resistant
- colour black

Other features:

- high chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +60 °C, reduced load capacity over +30 °C
- electrical conductivity (ohmic resistance) $\leq 10^4 \Omega$

Additional details:

- wheel series: page 60
- tread: page 52
- bearing types: page 84–85
- chemical resistance: page 51

| Wheels | Wheel Ø | Tyre width | Load capacity | Bearing type | Axle bore Ø | Hub length |
|---------------|----------|------------|---------------|--------------|-------------|------------|
| | (D) [mm] | (T2) [mm] | [kg] | | (d) [mm] | (T1) [mm] |
| VPA 50/6K-EL | 50 | 18 | 30 | ball bearing | 6 | 22.5 |
| VPA 75/6K-EL | 75 | 25 | 45 | ball bearing | 6 | 30 |
| VPA 80/8K-EL | 80 | 25 | 60 | ball bearing | 8 | 35 |
| VPA 100/6K-EL | 100 | 25 | 70 | ball bearing | 6 | 30 |
| VPA 101/8K-EL | 100 | 32 | 80 | ball bearing | 8 | 35 |
| VPA 125/8K-EL | 125 | 25 | 75 | ball bearing | 8 | 35 |
| VPA 126/8K-EL | 125 | 32 | 95 | ball bearing | 8 | 35 |
| VPA 150/8K-EL | 150 | 30 | 100 | ball bearing | 8 | 35 |

Castor series



| | LRA-VPA / LKRA-VPA | LPA-VPA / LKPA-VPA | LMDA-VPA | LDA-VPA |
|---------------------|--------------------|--------------------|------------------|------------------|
| Page | 128 | 130 | 131 | 132 |
| Load capacity class | | | | |
| Available for | wheel Ø 50–150 mm | wheel Ø 50–150 mm | wheel Ø 50–75 mm | wheel Ø 50–75 mm |

VE...-EL / V...-EL series

Wheels with standard solid rubber tyre, with pressed steel rim electrically conductive



50–295 kg

| | |
|--|--------------|
| Tread and tyre hardness | 80 Shore A |
| Smooth operation / floor preservation | very good |
| Rolling resistance | satisfactory |
| Wear resistance | sufficient |

- Tyre:**
- standard solid rubber, hardness 80 Shore A
 - very good operational comfort
 - very good floor preservation, low-noise operation
 - colour black

- Rim:**
- pressed steel
 - zinc-plated, blue-passivated, Cr6-free

- Other features:**
- chemical resistance to many aggressive substances, except oils
 - operating temperature: -20 °C to +80 °C, reduced load capacity over +60 °C
 - electrical conductivity (ohmic resistance) ≤ 10⁴ Ω

- Additional details:**
- wheel series: page 61–62
 - tread: page 52
 - bearing types: page 84–85
 - chemical resistance: page 51

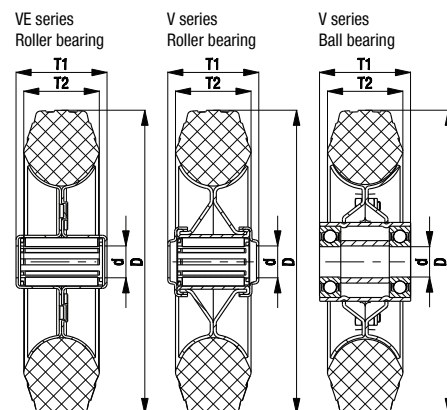
| Wheels | Wheel Ø (D) [mm] | Tyre width (T2) [mm] | Load capacity [kg] | Bearing type | Axle bore Ø (d) [mm] | Hub length (T1) [mm] |
|------------------|---------------------|-------------------------|-----------------------|----------------|-------------------------|-------------------------|
| VE series | | | | | | |
| VE 80/12R-EL | 80 | 25 | 50 | roller bearing | 12 | 35 |
| VE 100/12R-EL | 100 | 30 | 70 | roller bearing | 12 | 45 |
| VE 125/12R-EL | 125 | 37.5 | 100 | roller bearing | 12 | 45 |
| VE 150/20R-EL | 150 | 40 | 135 | roller bearing | 20 | 60 |
| VE 160/20R-EL | 160 | 40 | 135 | roller bearing | 20 | 60 |
| VE 180/20R-EL | 180 | 50 | 170 | roller bearing | 20 | 60 |
| VE 200/20R-EL | 200 | 50 | 205 | roller bearing | 20 | 60 |
| V series | | | | | | |
| V 80/12R-EL | 80 | 25 | 50 | roller bearing | 12 | 35 |
| V 100/15R-EL | 100 | 30 | 70 | roller bearing | 15 | 45 |
| V 125/15R-EL | 125 | 37.5 | 100 | roller bearing | 15 | 45 |
| V 140/15R-EL | 140 | 37.5 | 115 | roller bearing | 15 | 45 |
| V 162/20R-EL | 160 | 40 | 135 | roller bearing | 20 | 60 |
| V 182/20R-EL | 180 | 50 | 170 | roller bearing | 20 | 60 |
| V 202/20R-EL | 200 | 50 | 205 | roller bearing | 20 | 60 |
| V 202/25R-EL | 200 | 50 | 205 | roller bearing | 25 | 60 |
| V 200/20K-EL | 200 | 50 | 205 | ball bearing | 20 | 60 |
| V 252/25R-EL | 250 | 60 | 295 | roller bearing | 25 | 65 |
| V 250/25K-EL | 250 | 60 | 295 | ball bearing | 25 | 65 |

Castor series



| | LE-VE | LER-VE | L-V |
|---------------------|--------------------|-------------------|-------------------|
| Page | 196 | 197 | 201 |
| Load capacity class | | | |
| Available for | wheel Ø 80–200 mm* | wheel Ø 80–200 mm | wheel Ø 80–250 mm |

* Other castor series with stem: LEZ-VE (page 198)



ALEV...-EL series

Heavy-duty wheels with elastic solid rubber tyre “Blickle EasyRoll”, with aluminium wheel centre electrically conductive

200–650 kg

Tread and tyre hardness

65 Shore A

Smooth operation / floor preservation

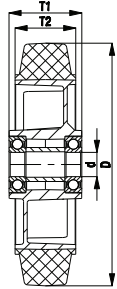
very good

Rolling resistance

very good

Wear resistance

good



Tyre:

- high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- colour black
- vulcanised onto the wheel centre

Wheel centre:

- die-cast aluminium

Other features:

- chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C
- electrical conductivity (ohmic resistance) $\leq 10^4 \Omega$

Additional details:

- wheel series: page 63
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

| Wheels | Wheel Ø | Wheel width | Load capacity at 4 km/h | Load capacity at 10 km/h | Bearing type | Axle bore Ø | Hub length |
|-----------------|----------|-------------|-------------------------|--------------------------|--------------|-------------|------------|
| | (D) [mm] | (T2) [mm] | [kg] | [kg] | | (d) [mm] | (T1) [mm] |
| ALEV 100/15K-EL | 100 | 40 | 200 | – | ball bearing | 15 | 40 |
| ALEV 125/15K-EL | 125 | 40 | 250 | – | ball bearing | 15 | 45 |
| ALEV 161/15K-EL | 160 | 40 | 300 | 150 | ball bearing | 15 | 60 |
| ALEV 160/20K-EL | 160 | 50 | 400 | 200 | ball bearing | 20 | 60 |
| ALEV 160/25K-EL | 160 | 50 | 400 | 200 | ball bearing | 25 | 60 |
| ALEV 200/20K-EL | 200 | 50 | 500 | 250 | ball bearing | 20 | 60 |
| ALEV 200/25K-EL | 200 | 50 | 500 | 250 | ball bearing | 25 | 60 |
| ALEV 250/20K-EL | 250 | 50 | 650 | 320 | ball bearing | 20 | 60 |
| ALEV 250/25K-EL | 250 | 50 | 650 | 320 | ball bearing | 25 | 60 |

Castor series



| | L-ALEV | LK-ALEV | LH-ALEV | LUH-ALEV | LO-ALEV | LHD-ALEV |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Page | 222 | 223 | 224 | 225 | 226 | 227 |
| Load capacity class | | | | | | |
| Available for | wheel Ø 100–250 mm | wheel Ø 100–200 mm | wheel Ø 100–250 mm | wheel Ø 160–200 mm | wheel Ø 160–250 mm | wheel Ø 100–125 mm |

ALEV...-SG-AS series

Heavy-duty wheels with elastic solid rubber tyre “Blickle EasyRoll”, with aluminium wheel centre antistatic, non-marking



200–550 kg

Tread and tyre hardness

65 Shore A

Smooth operation / floor preservation

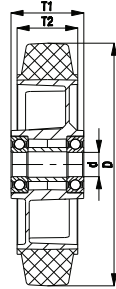
very good

Rolling resistance

very good

Wear resistance

good



Tyre:

- high-quality elastic solid rubber “Blickle EasyRoll” in smooth rolling quality, hardness 65 Shore A
- very good operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- colour grey, non-marking
- vulcanised onto the wheel centre

Wheel centre:

- die-cast aluminium

Other features:

- high chemical resistance to many aggressive substances, except oils
- operating temperature: -20 °C to +80 °C, temporarily up to +100 °C, reduced load capacity over +60 °C
- electrical conductivity (ohmic resistance) $\leq 10^7 \Omega$

| Wheels | Wheel Ø | Wheel width | Load capacity at 4 km/h | Load capacity at 10 km/h | Bearing type | Axle bore Ø | Hub length |
|---------------------------|----------|-------------|-------------------------|--------------------------|--------------|-------------|------------|
| | (D) [mm] | (T2) [mm] | [kg] | [kg] | | (d) [mm] | (T1) [mm] |
| ALEV 100/15K-SG-AS | 100 | 40 | 200 | – | ball bearing | 15 | 40 |
| ALEV 125/15K-SG-AS | 125 | 40 | 250 | – | ball bearing | 15 | 45 |
| ALEV 160/20K-SG-AS | 160 | 50 | 350 | 170 | ball bearing | 20 | 60 |
| ALEV 200/20K-SG-AS | 200 | 50 | 450 | 220 | ball bearing | 20 | 60 |
| ALEV 200/25K-SG-AS | 200 | 50 | 450 | 220 | ball bearing | 25 | 60 |
| ALEV 250/20K-SG-AS | 250 | 50 | 550 | 270 | ball bearing | 20 | 60 |
| ALEV 250/25K-SG-AS | 250 | 50 | 550 | 270 | ball bearing | 25 | 60 |

Additional details:

- wheel series: page 63
- tread: page 53
- bearing types: page 84–85
- chemical resistance: page 51

9

Castor series



| | L-ALEV | LK-ALEV | LH-ALEV | LUH-ALEV | LO-ALEV | LHD-ALEV |
|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Page | 222 | 223 | 224 | 225 | 226 | 227 |
| Load capacity class | | | | | | |
| Available for | wheel Ø 100–250 mm | wheel Ø 100–200 mm | wheel Ø 100–250 mm | wheel Ø 160–200 mm | wheel Ø 160–250 mm | wheel Ø 100–125 mm |

PATH...-ELS series

Wheels with thermoplastic polyurethane tread, with nylon wheel centre, electrically conductive, non-marking

50–325 kg

Tread and tyre hardness

94 Shore A

Smooth operation / floor preservation

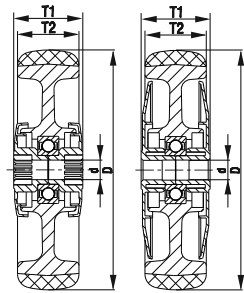
good

Rolling resistance

very good

Wear resistance

very good



ball bearing (C) KA version ball bearing (C) KF version



Tread:

- high-quality thermoplastic polyurethane (TPU), hardness 94 Shore A
- low rolling and swivel resistance
- high abrasion resistance
- colour dark grey, non-marking, non-staining
- chemically-bonded inseparable connection with the wheel centre

Wheel centre:

- high-quality nylon 6, impact resistant
- colour silver grey (thread guard: black)

Other features:

- KA version: with synthetic thread guard, small
- KF version: with synthetic thread guard, large
- KAD version: with synthetic thread guard, small, with additional ball bearing seal
- KFD version: with synthetic thread guard, large, with additional ball bearing seal
- very high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +35 °C
- electrical conductivity (ohmic resistance) ≤ 10⁴ Ω

Additional details:

- wheel series: page 61
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

| Wheels | Wheel Ø (D) [mm] | Wheel width (T2) [mm] | Load capacity [kg] | Bearing type | Axle bore Ø (d) [mm] | Hub length (T1) [mm] |
|--------------------|---------------------|--------------------------|-----------------------|------------------|-------------------------|-------------------------|
| PATH 50/6KF-ELS | 50 | 19 | 50 | ball bearing (C) | 6 | 23 |
| PATH 50/6KFD-ELS | 50 | 19 | 50 | ball bearing (C) | 6 | 23 |
| PATH 75/6KF-ELS | 75 | 25 | 65 | ball bearing (C) | 6 | 31 |
| PATH 75/6KFD-ELS | 75 | 25 | 65 | ball bearing (C) | 6 | 31 |
| PATH 80/8KF-ELS | 80 | 32 | 100 | ball bearing (C) | 8 | 36 |
| PATH 80/8KFD-ELS | 80 | 32 | 100 | ball bearing (C) | 8 | 36 |
| PATH 101/8KF-ELS | 100 | 32 | 130 | ball bearing (C) | 8 | 36 |
| PATH 101/8KFD-ELS | 100 | 32 | 130 | ball bearing (C) | 8 | 36 |
| PATH 100/8KF-ELS | 100 | 32 | 130 | ball bearing (C) | 8 | 46 |
| PATH 100/8KFD-ELS | 100 | 32 | 130 | ball bearing (C) | 8 | 46 |
| PATH 100/10KF-ELS | 100 | 32 | 130 | ball bearing (C) | 10 | 46 |
| PATH 100/10KFD-ELS | 100 | 32 | 130 | ball bearing (C) | 10 | 46 |
| PATH 126/8KF-ELS | 125 | 32 | 160 | ball bearing (C) | 8 | 36 |
| PATH 126/8KFD-ELS | 125 | 32 | 160 | ball bearing (C) | 8 | 36 |
| PATH 125/8KF-ELS | 125 | 32 | 160 | ball bearing (C) | 8 | 46 |
| PATH 125/8KFD-ELS | 125 | 32 | 160 | ball bearing (C) | 8 | 46 |
| PATH 125/10KF-ELS | 125 | 32 | 160 | ball bearing (C) | 10 | 46 |
| PATH 125/10KFD-ELS | 125 | 32 | 160 | ball bearing (C) | 10 | 46 |
| PATH 160/12KAD-ELS | 160 | 40 | 260 | ball bearing (C) | 12 | 62 |
| PATH 160/12KA-ELS | 160 | 40 | 260 | ball bearing (C) | 12 | 62 |
| PATH 160/20KA-ELS | 160 | 40 | 260 | ball bearing (C) | 20 | 60 |
| PATH 160/20KAD-ELS | 160 | 40 | 260 | ball bearing (C) | 20 | 60 |
| PATH 200/12KAD-ELS | 200 | 40 | 325 | ball bearing (C) | 12 | 62 |
| PATH 200/12KA-ELS | 200 | 40 | 325 | ball bearing (C) | 12 | 62 |
| PATH 200/20KA-ELS | 200 | 40 | 325 | ball bearing (C) | 20 | 60 |
| PATH 200/20KAD-ELS | 200 | 40 | 325 | ball bearing (C) | 20 | 60 |

Castor series



| | LPA-PATH / LKPA-PATH | LDA-PATH | LE-PATH | L-PATH | LK-PATH | LPXA-PATH / LKPXA-PATH | LEX-PATH |
|---------------------|----------------------|-------------------|--------------------|-------------------|-------------------|------------------------|--------------------|
| Page | 138 | 140 | 259 | 261 | 262 | 395 | 407 |
| Load capacity class | | | | | | | |
| Available for | wheel Ø 50–125 mm* | wheel Ø 50–75 mm* | wheel Ø 80–200 mm* | wheel Ø 80–200 mm | wheel Ø 80–200 mm | wheel Ø 50–125 mm* | wheel Ø 80–200 mm* |

* Other castor series with bolt hole: LRA-PATH / LKRA-PATH (page 137), LMDA-PATH (page 139), LER-PATH (page 260), LRXA-PATH / LKRXA-PATH (page 394), LEXR-PATH (page 408)

ALH...-AS series

Heavy-duty wheels
with **Blickle Extrathane®** polyurethane tread,
with aluminium wheel centre, antistatic

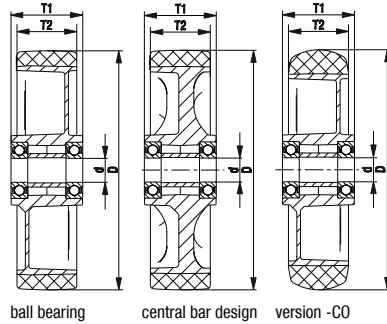
200–1,250 kg

Tread and tyre hardness
 92 Shore A

Smooth operation / floor preservation
 good

Rolling resistance
 very good

Wear resistance
 excellent



- Tread:**
- high-quality polyurethane elastomer Blickle Extrathane®, hardness 92 Shore A
 - low rolling resistance
 - high abrasion resistance
 - high cut and tear propagation resistance
 - colour grey, non-marking, non-staining
 - excellent chemical connection with the wheel centre

- Wheel centre:**
- die-cast aluminium

- Other features:**
- high chemical resistance to many aggressive substances
 - operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C
 - electrical conductivity (ohmic resistance) $\leq 10^7 \Omega$

- Additional details:**
- wheel series: page 65
 - tread: page 55
 - bearing types: page 84–85
 - chemical resistance: page 51

| Wheels | Wheel Ø (D) [mm] | Wheel width (T2) [mm] | Load capacity at 4 km/h [kg] | Load capacity at 10 km/h [kg] | Bearing type | Axle bore Ø (d) [mm] | Hub length (T1) [mm] |
|----------------------|---------------------|--------------------------|------------------------------------|-------------------------------------|--------------|-------------------------|-------------------------|
| ALTH 80/15K-AS | 80 | 30 | 200 | – | ball bearing | 15 | 35 |
| ALTH 100/15K-AS | 100 | 40 | 350 | – | ball bearing | 15 | 45 |
| ALTH 101/15K-AS * | 100 | 40 | 420 | – | ball bearing | 15 | 40 |
| ALTH 101/15K-AS-CO * | 100 | 40 | 420 | – | ball bearing | 15 | 40 |
| ALTH 125/15K-AS | 125 | 40 | 550 | – | ball bearing | 15 | 45 |
| ALTH 125/15K-AS-CO | 125 | 40 | 550 | – | ball bearing | 15 | 45 |
| ALTH 127/20K-AS | 125 | 54 | 750 | 370 | ball bearing | 20 | 60 |
| ALTH 151/15K-AS | 150 | 40 | 400 | 200 | ball bearing | 15 | 60 |
| ALTH 150/20K-AS | 150 | 50 | 650 | 320 | ball bearing | 20 | 60 |
| ALTH 152/20K-AS * | 150 | 54 | 900 | 450 | ball bearing | 20 | 60 |
| ALTH 160/20K-AS | 160 | 50 | 750 | 370 | ball bearing | 20 | 60 |
| ALTH 160/20K-AS-CO | 160 | 50 | 750 | 300 | ball bearing | 20 | 60 |
| ALTH 162/20K-AS * | 160 | 50 | 950 | 470 | ball bearing | 20 | 60 |
| ALTH 180/20K-AS | 180 | 50 | 700 | 350 | ball bearing | 20 | 60 |
| ALTH 200/20K-AS | 200 | 50 | 800 | 400 | ball bearing | 20 | 60 |
| ALTH 200/20K-AS-CO | 200 | 50 | 800 | 320 | ball bearing | 20 | 60 |
| ALTH 200/25K-AS | 200 | 50 | 800 | 400 | ball bearing | 25 | 60 |
| ALTH 200/25K-AS-CO | 200 | 50 | 800 | 320 | ball bearing | 25 | 60 |
| ALTH 202/20K-AS * | 200 | 50 | 1,000 | 500 | ball bearing | 20 | 60 |
| ALTH 250/25K-AS | 250 | 60 | 1,000 | 500 | ball bearing | 25 | 70 |
| ALTH 252/25K-AS * | 250 | 60 | 1,250 | 620 | ball bearing | 25 | 70 |

* With heavy-duty wheel centre, reinforced design

Castor series



| | L-ALTH | LK-ALTH | LKR-ALTH | LH-ALTH | LHZ-ALTH | LUH-ALTH | LO-ALTH |
|---------------------|-------------------|-------------------|----------------------------|-------------------|-----------------------------|----------------------------------|---------------------------------------|
| Page | 275 | 276 | 277 | 278 | 279 | 280 | 281 |
| Load capacity class | | | | | | | |
| Available for | wheel Ø 80–250 mm | wheel Ø 80–200 mm | wheel Ø 80, 100, 125x40 mm | wheel Ø 80–250 mm | wheel Ø 125x54, 160, 200 mm | wheel Ø 125x54, 150, 160, 200 mm | wheel Ø 125x54, 150, 160, 200, 250 mm |

ALST...-AS series

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

320–750 kg

Tread and tyre hardness

75 Shore A

Smooth operation / floor preservation

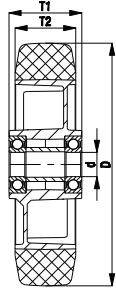
very good

Rolling resistance

very good

Wear resistance

very good



Tread:

- high-quality polyurethane elastomer Blickle Softhane®, hardness 75 Shore A
- extra-thick elastic tread for excellent operational comfort
- very good floor preservation, low-noise operation
- low rolling resistance
- high abrasion resistance
- high cut and tear propagation resistance
- colour grey, non-marking, non-staining
- excellent chemical connection with the wheel centre

Wheels

| Wheels | Wheel Ø (D) [mm] | Wheel width (T2) [mm] | Load capacity at 4 km/h [kg] | Load capacity at 10 km/h [kg] | Bearing type | Axle bore Ø (d) [mm] | Hub length (T1) [mm] |
|-----------------|---------------------|--------------------------|------------------------------------|-------------------------------------|--------------|-------------------------|-------------------------|
| ALST 100/15K-AS | 100 | 40 | 320 | – | ball bearing | 15 | 40 |
| ALST 125/15K-AS | 125 | 40 | 370 | – | ball bearing | 15 | 45 |
| ALST 127/20K-AS | 125 | 54 | 450 | 180 | ball bearing | 20 | 60 |
| ALST 150/20K-AS | 150 | 50 | 500 | 200 | ball bearing | 20 | 60 |
| ALST 160/20K-AS | 160 | 50 | 580 | 230 | ball bearing | 20 | 60 |
| ALST 200/20K-AS | 200 | 50 | 750 | 300 | ball bearing | 20 | 60 |

Wheel centre:

- die-cast aluminium

Other features:

- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +70 °C, temporarily up to +90 °C, reduced load capacity over +40 °C
- electrical conductivity (ohmic resistance) ≤ 10⁷ Ω

Additional details:

- wheel series: page 66
- tread: page 55
- bearing types: page 84–85
- chemical resistance: page 51

Castor series



| | L-ALST | LK-ALST | LKR-ALST | LH-ALST | LUH-ALST | LO-ALST |
|---------------------|--------------------|--------------------|-----------------------|--------------------|-----------------------|-----------------------|
| Page | 295 | 296 | 297 | 298 | 299 | 300 |
| Load capacity class | | | | | | |
| Available for | wheel Ø 100–200 mm | wheel Ø 100–200 mm | wheel Ø 100–125x40 mm | wheel Ø 100–200 mm | wheel Ø 125x54–200 mm | wheel Ø 125x54–200 mm |

PP...-EL series

Polypropylene wheels electrically conductive

160–450 kg

Tread and tyre hardness
 60 Shore D

Smooth operation / floor preservation
 satisfactory

Rolling resistance
 very good

Wear resistance
 satisfactory

Wheel:

- high-quality polypropylene, impact resistant, hardness 60 Shore D
- low rolling and swivel resistance
- colour black

Other features:

- KA version: with synthetic thread guard, small
- high chemical resistance to many aggressive substances
- operating temperature: -20 °C to +60 °C, reduced load capacity over +30 °C
- electrical conductivity (ohmic resistance) $\leq 10^4 \Omega$

Additional details:

- wheel series: page 69
- tread: page 57
- bearing types: page 84–85
- chemical resistance: page 51



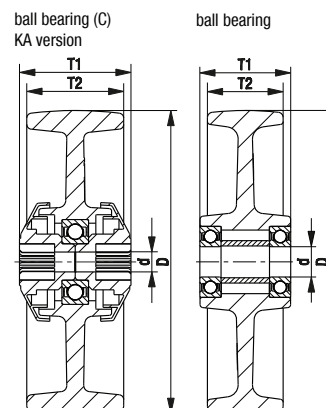
| Wheels | Wheel Ø | Wheel width | Load capacity | Bearing type | Axle bore Ø | Hub length |
|---------------|----------|-------------|---------------|------------------|-------------|------------|
| | (D) [mm] | (T2) [mm] | [kg] | | (d) [mm] | (T1) [mm] |
| PP 100/8KA-EL | 100 | 37 | 160 | ball bearing (C) | 8 | 46 |
| PP 125/8KA-EL | 125 | 40 | 200 | ball bearing (C) | 8 | 46 |
| PP 150/20K-EL | 150 | 50 | 300 | ball bearing | 20 | 60 |
| PP 200/20K-EL | 200 | 50 | 450 | ball bearing | 20 | 60 |

9

Castor series



| | LE-PP | LER-PP | L-PP |
|---------------------|-------|--------|------|
| Page | 337 | 338 | 339 |
| Load capacity class | | | |
| Available for | all | all | all |



PO...-ELS series

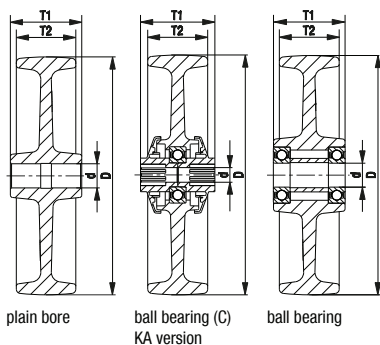
Nylon wheels

electrically conductive, non-marking



220–600 kg

| | |
|--|--------------|
| Tread and tyre hardness | 70 Shore D |
| Smooth operation / floor preservation | satisfactory |
| Rolling resistance | excellent |
| Wear resistance | good |



- Wheel:**
- high-quality nylon 6, impact resistant, hardness 70 Shore D
 - excellent rolling and swivel resistance
 - easy operation on smooth surfaces
 - high abrasion resistance
 - colour grey, non-marking

- Other features:**
- KA version: with synthetic thread guard, small
 - high chemical resistance to many aggressive substances
 - operating temperature: -20 °C to +80 °C, reduced load capacity over +35 °C
 - electrical conductivity (ohmic resistance) $\leq 10^4 \Omega$

- Additional details:**
- wheel series: page 69
 - tread: page 57
 - bearing types: page 84–85
 - chemical resistance: page 51

| Wheels | Wheel Ø (D) [mm] | Wheel width (T2) [mm] | Load capacity [kg] | Bearing type | Axle bore Ø (d) [mm] | Hub length (T1) [mm] |
|-----------------|---------------------|--------------------------|-----------------------|------------------|-------------------------|-------------------------|
| PO 80/12G-ELS | 80 | 32 | 220 | plain bore | 12 | 35 |
| PO 80/8KA-ELS | 80 | 32 | 220 | ball bearing (C) | 8 | 36 |
| PO 100/12G-ELS | 100 | 37 | 280 | plain bore | 12 | 45 |
| PO 100/15G-ELS | 100 | 37 | 280 | plain bore | 15 | 45 |
| PO 100/8KA-ELS | 100 | 37 | 280 | ball bearing (C) | 8 | 46 |
| PO 100/10KA-ELS | 100 | 37 | 280 | ball bearing (C) | 10 | 46 |
| PO 125/12G-ELS | 125 | 40 | 300 | plain bore | 12 | 45 |
| PO 125/15G-ELS | 125 | 40 | 300 | plain bore | 15 | 45 |
| PO 125/8KA-ELS | 125 | 40 | 300 | ball bearing (C) | 8 | 46 |
| PO 125/10KA-ELS | 125 | 40 | 300 | ball bearing (C) | 10 | 46 |
| PO 150/20G-ELS | 150 | 50 | 400 | plain bore | 20 | 60 |
| PO 150/20K-ELS | 150 | 50 | 400 | ball bearing | 20 | 60 |
| PO 160/20G-ELS | 160 | 50 | 450 | plain bore | 20 | 60 |
| PO 160/20K-ELS | 160 | 50 | 450 | ball bearing | 20 | 60 |
| PO 200/20G-ELS | 200 | 50 | 600 | plain bore | 20 | 60 |
| PO 200/20K-ELS | 200 | 50 | 600 | ball bearing | 20 | 60 |

Castor series



| | LE-PO / LEX-PO | LER-PO / LEXR-PO | L-PO / LX-PO | LK-PO | LH-PO | LUH-PO | LO-PO |
|---------------------|-------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|
| Page | 345 / 417 | 346 / 418 | 348 / 420 | 350 | 352 | 353 | 354 |
| Load capacity class | | | | | | | |
| Available for | wheel Ø 80–200 mm | wheel Ø 80–200 mm* | wheel Ø 80–200 mm | wheel Ø 100–200 mm | wheel Ø 100–200 mm | wheel Ø 150–200 mm | wheel Ø 150–200 mm |

* Other castor series with stem: LEZ-PO (page 347), LEXZ-PO (page 419)

G series

Cast iron wheels

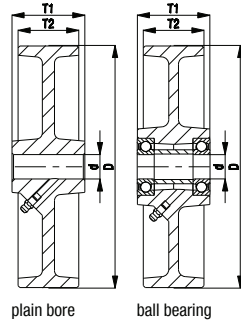
250–1,400 kg

Tread and tyre hardness
 180–220 HB

Smooth operation / floor preservation
 sufficient

Rolling resistance
 excellent

Wear resistance
 excellent



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

- Other features:**
- chemical resistance to many aggressive substances
 - operating temperature:
 plain bore version: -100 °C to +600 °C
 ball bearing version: ("K"): -20 °C to +120 °C
 ball bearing version: ("IK"): -30 °C to +300 °C
 - consider the surface pressure on sensitive floors due to high point loads
 - provide adequate lubrication on a regular basis for plain bore version
 - to be lubricated according to the application temperature
 - electrical conductivity (ohmic resistance) $\leq 10^4 \Omega$

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

| Wheels | Wheel Ø (D) [mm] | Wheel width (T2) [mm] | Load capacity up to +70 °C [kg] | Bearing type | Axle bore Ø (d) [mm] | Hub length (T1) [mm] |
|------------|---------------------|--------------------------|---------------------------------------|--------------|-------------------------|-------------------------|
| G 80/12G | 80 | 25 | 250 | plain bore | 12 | 35 |
| G 80/15G | 80 | 25 | 250 | plain bore | 15 | 35 |
| G 100/15G | 100 | 35 | 400 | plain bore | 15 | 45 |
| G 100/15IK | 100 | 35 | 400 | ball bearing | 15 | 40 |
| G 100/15K | 100 | 35 | 400 | ball bearing | 15 | 40 |
| G 125/15G | 125 | 35 | 450 | plain bore | 15 | 45 |
| G 125/15IK | 125 | 35 | 450 | ball bearing | 15 | 45 |
| G 125/15K | 125 | 35 | 450 | ball bearing | 15 | 45 |
| G 127/20G | 125 | 50 | 750 | plain bore | 20 | 60 |
| G 127/20IK | 125 | 50 | 750 | ball bearing | 20 | 60 |
| G 127/20K | 125 | 50 | 750 | ball bearing | 20 | 60 |
| G 150/20G | 150 | 50 | 900 | plain bore | 20 | 60 |
| G 150/20IK | 150 | 50 | 900 | ball bearing | 20 | 60 |
| G 150/20K | 150 | 50 | 900 | ball bearing | 20 | 60 |
| G 200/20G | 200 | 50 | 1,100 | plain bore | 20 | 60 |
| G 200/20IK | 200 | 50 | 1,000 | ball bearing | 20 | 60 |
| G 200/20K | 200 | 50 | 1,100 | ball bearing | 20 | 60 |
| G 250/25G | 250 | 60 | 1,400 | plain bore | 25 | 65 |
| G 250/25IK | 250 | 60 | 1,300 | ball bearing | 25 | 70 |
| G 250/25K | 250 | 60 | 1,400 | ball bearing | 25 | 70 |

9

Castor series



| | L-G | LK-G | LH-G | LO-G | LS-G | LI-G | LI0-G |
|---------------------|-------------------|-------------------|------|-----------------------|-----------------------|--------------------|------------------------|
| Page | 377 | 378 | 379 | 380 | 381 | 469 | 470 |
| Load capacity class | | | | | | | |
| Available for | wheel Ø 80–200 mm | wheel Ø 80–200 mm | all | wheel Ø 125x50–250 mm | wheel Ø 125x50–250 mm | wheel Ø 80–200 mm* | wheel Ø 125x50–250 mm* |

* Plain bore version and ball bearing version "IK"

SVS series

Super heavy-duty solid steel wheels



750–15,000 kg

Tread and tyre hardness

190–230 HB

Smooth operation / floor preservation

sufficient

Rolling resistance

excellent

Wear resistance

excellent

Wheel:

- heat-treatable steel, machined, hardness 190–230 HB
- slightly crowned tread
- lightly-oiled surface
- extremely low rolling resistance
- easy operation on smooth surfaces
- outstanding wear resistance
- extremely high static and dynamic load capacity

Other features:

- chemical resistance to many aggressive substances
- operating temperature: -20 °C to +120 °C
- consider the surface pressure on sensitive floors due to high point loads
- electrical conductivity (ohmic resistance) $\leq 10^4 \Omega$

Additional details:

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

| Wheels | Wheel Ø (D) [mm] | Wheel width (T2) [mm] | Load capacity [kg] | Bearing type | Axle bore Ø (d) [mm] | Hub length (T1) [mm] |
|---------------------|---------------------|--------------------------|-----------------------|--------------|-------------------------|-------------------------|
| SVS 65/20K | 65 | 40 | 750 | ball bearing | 20 | 45 |
| SVS 80/20K | 80 | 40 | 1,100 | ball bearing | 20 | 45 |
| SVS 100/25K | 100 | 40 | 1,700 | ball bearing | 25 | 45 |
| SVS 127/30K | 125 | 55 | 2,750 | ball bearing | 30 | 60 |
| SVS 150/45K | 150 | 55 | 4,000 | ball bearing | 45 | 60 |
| SVS 201/50K | 200 | 55 | 6,000 | ball bearing | 50 | 60 |
| SVS 200/60K | 200 | 80 | 7,000 | ball bearing | 60 | 90 |
| SVS 250/70K | 250 | 65 | 10,000 | ball bearing | 70 | 75 |
| SVS 300/100K | 300 | 90 | 15,000 | ball bearing | 100 | 100 |

Other dimensions available upon request

Castor series



| | LH-SVS | LS-SVS |
|---------------------|-------------------|--------------------|
| Page | 383 | 384 |
| Load capacity class | | |
| Available for | wheel Ø 65–125 mm | wheel Ø 100–300 mm |

