

ELECTRICALLY CONDUCTIVE WHEELS AND CASTORS



| SERIES | apparatus castors thermoplastic | industrial castors thermoplastic | industrial castors solid rubber | industrial castors elastic solid rubber | industrial castors polyurethane | lightweight industrial castors polyamide |
|------------------------|---------------------------------|----------------------------------|---------------------------------|---|---------------------------------|--|
| LOAD-CARRYING CAPACITY | up to 65 kg | up to 110 kg | up to 295 kg | up to 400 kg | up to 500 kg | up to 350 kg |
| WHEEL-Ø | 50 mm - 100 mm | 80 mm - 125 mm | 80 mm - 250 mm | 80 mm - 200 mm | 80 mm - 200 mm | 80 mm - 200 mm |
| MATERIAL/TIRES | thermoplastic | thermoplastic | solid rubber | elastic-solid rubber | polyurethane | polyamide |
| BEARING | ball bearing | ball bearing | ball bearing | ball bearing | ball bearing | roller bearing |
| PAGES | 300 | 303 | 306 | 310 | 312 | 314 |



| | heavy industrial castors polyamide | stainless steel castors polyamide |
|--|------------------------------------|-----------------------------------|
| | up to 600 kg | up to 350 kg |
| | 80 mm - 200 mm | 80 mm - 200 mm |
| | polyamide | polyamide |
| | ball bearing | roller bearing |
| | 320 | 317 |



“Certified safety”



Electrically conductive wheels and castors

Solid rubber, thermoplastic rubber, polyurethane and polyamide are materials which are electrically conductive when they contain special additives. The wheels and castors then achieve an electrical resistance of less than 10 to the power 4 (10,000) ohms; they thus comply with the requirements of DIN EN 12527 and 12533. Such wheels and castors are used wherever an electrostatic discharge must be avoided (e.g. pharmaceuticals, clean room, automotive, and electrical industry applications).

Properties

leakage resistance: less than 10,000 ohms



Safety note instructions

In order to ensure the conductivity of painted components, the attachment points to the transporter must have no paint. The electrical conductivity of the wheels and wheel coverings can be affected by incapacitating deposits or by chemical and mechanical influences. This could cause the permissible values (as specified in the standards) to be exceeded. Dust, dirt, paint, acids, alkalis, overloads and impacts can reduce or prevent electrical/electrostatic energy from being discharged to the floor. It is the sole responsibility of the user to continually monitor all safety-related requirements, such as compliance with electrical conductivity standards during usage.

Hardness range

depends on the tread material

Temperature range

depends on the series of wheel

Bearing types

- 🌀 plain bearing (through hole)
- 🌀 roller bearing
- 🌀 ball bearing

areas of use // floors



wheels electrically conductive // TPBK-EC



Features:

- TPBK-EC wheel series:
- polypropylene wheel body with ball bearing
- thermoplastic rubber tread
- with thread guards to protect the ball bearing from dust and dirt

Properties:

- runs quietly
- non-marking
- low rolling resistance
- electrically conductive
- the leakage resistance is < 10,000 ohms
- (old designation: KO-ELF)

floors



wheels

TPBK-050-19-22-K06-EC
Ident No.: 0033382

TPBK-075-23-29-K06-EC
Ident No.: 0033383

TPBK-100-25-29-K08-EC
Ident No.: 0033384



wheel ø
mm



wheel width
mm



axle hole ø
mm



hub length
mm



load-carrying
capacity kg

50

19

6

22

40

75

23

6

29

50

100

25

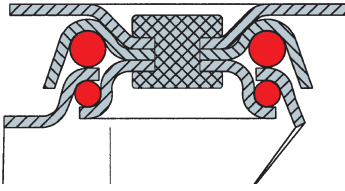
8

29

65

Matching accessories can be found on page 432

thermoplastic electrically conductive // apparatus castors, lightweight AL // up to 65 kg



Features:

- castor series AL, thermo-plastic, ball bearing:
- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing
- wheels with thermoplastic tires and ball bearings



| swivel castors | swivel castors with double brake | fixed castors | wheel ø mm | wheel width mm | height mm | projection, swivel castor mm | plate size mm | hole pattern from to mm | hole ø mm | load-carrying capacity kg |
|-------------------------------------|---|-------------------------------------|------------|----------------|-----------|------------------------------|---------------|-------------------------|-----------|---------------------------|
| L-AL-TPBK-050-K-3-EC ID: 0033652 | L-AL-TPBK-050-K-3-DSN-EC ID: 0033653 | B-AL-TPBK-050-K-3-EC ID: 0033651 | 50 | 19 | 71 | 21 | 60 x 60 | 38x38 up to 46x46 | 6.2 | 40 |
| L-AL-TPBK-075-K-3-EC ID: 0033664 | L-AL-TPBK-075-K-3-DSN-EC ID: 0033665 | B-AL-TPBK-075-K-3-EC ID: 0033663 | 75 | 23 | 101 | 25 | 60 x 60 | 38x38 up to 46x46 | 6.2 | 50 |
| L-AL-TPBK-100-K-3-EC ID: 0033669 | L-AL-TPBK-100-K-3-DSN-EC ID: 0033670 | B-AL-TPBK-100-K-3-EC ID: 0033668 | 100 | 25 | 122 | 32 | 60 x 60 | 38x38 up to 46x46 | 6.2 | 65 |



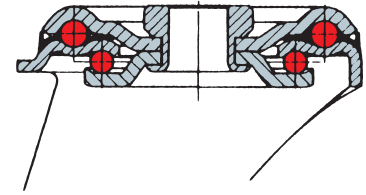
-1 (bolt hole)



1-DSN (bolt hole+ double brake)

Matching accessories can be found on page 432

thermoplastic electrically conductive // apparatus castors, lightweight AL // up to 65 kg



Features:

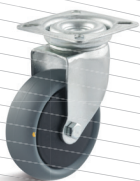
- castor series AL, thermoplastic, ball bearing: .
- lightweight, pressed steel sheet housing, galvanized
- fork head with double ball bearing
- wheels with thermoplastic tires and ball bearings



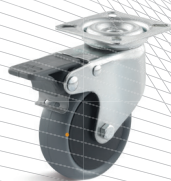
“Electrically conductive”



| swivel castors | swivel castors with double brake | wheel ø mm | wheel width mm | height mm | projection, swivel castor mm | bolt hole ø mm | load-carrying capacity kg |
|-------------------------------------|---|------------|----------------|-----------|------------------------------|----------------|---------------------------|
| L-AL-TPBK-050-K-1-EC ID: 0033649 | L-AL-TPBK-050-K-1-DSN-EC ID: 0033650 | 50 | 19 | 71 | 21 | 10.2 | 40 |
| L-AL-TPBK-075-K-1-EC ID: 0033654 | L-AL-TPBK-075-K-1-DSN-EC ID: 0033655 | 75 | 23 | 101 | 25 | 10.2 | 50 |
| L-AL-TPBK-100-K-1-EC ID: 0033666 | L-AL-TPBK-100-K-1-DSN-EC ID: 0033667 | 100 | 25 | 122 | 32 | 10.2 | 65 |



-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432

floors



Features:






- TPBK-EC wheel series:
- polypropylene wheel body with ball bearing
- tread made of thermoplastic rubber, grey, approx. 85° shore A

Properties:

- runs quietly
- non-marking
- low rolling resistance
- electrically conductive
- the leakage resistance is < 10,000 ohms
- (old designation: TPK-ELF)

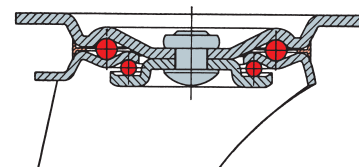


 **“Electrically conductive smooth-running series”**

| wheels |  wheel ø mm |  wheel width mm |  axle hole ø mm |  hub length mm |  load-carrying capacity kg |
|---|---|---|--|--|--|
| TPBK-080-30-40-K08-EC Ident No.: 0034072 | 80 | 30 | 8 | 40 | 80 |
| TPBK-100-30-40-K08-EC Ident No.: 0034073 | 100 | 30 | 8 | 40 | 90 |
| TPBK-125-35-50-K08-EC Ident No.: 0034074 | 125 | 35 | 8 | 50 | 110 |

Matching accessories can be found on page 432

thermoplastic electrically conductive // standard housing IS, IL // up to 110 kg



Features:

- castor series IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



| swivel castors | swivel castors with double brake | fixed castors | wheel ø mm | wheel width mm | height mm | projection, swivel castor mm | plate size mm | hole spacing mm | hole ø mm | load-carrying capacity kg |
|-------------------------------------|---|-------------------------------------|------------|----------------|-----------|------------------------------|---------------|-----------------|-----------|---------------------------|
| L-IL-TPBK-080-K-3-EC ID: 0034075 | L-IL-TPBK-080-K-3-DSN-EC ID: 0034076 | B-IL-TPBK-080-K-3-EC ID: 0034077 | 80 | 30 | 100 | 36 | 105 x 80 | 80 x 60 | 9 | 80 |
| L-IL-TPBK-100-K-3-EC ID: 0034078 | L-IL-TPBK-100-K-3-DSN-EC ID: 0034079 | B-IL-TPBK-100-K-3-EC ID: 0034080 | 100 | 30 | 125 | 36 | 105 x 80 | 80 x 60 | 9 | 90 |
| L-IL-TPBK-125-K-3-EC ID: 0034081 | L-IL-TPBK-125-K-3-DSN-EC ID: 0034082 | B-IL-TPBK-125-K-3-EC ID: 0034083 | 125 | 35 | 155 | 36 | 105 x 80 | 80 x 60 | 9 | 110 |



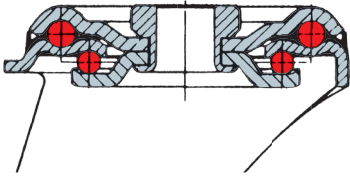
-1 (bolt hole)



1-DSN (bolt hole+ double brake)

Matching accessories can be found on page 432







thermoplastic electrically conductive // standard housing IS, IL // up to 110 kg



Features:

- castor series IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



| swivel castors | swivel castors with double brake |  wheel ø mm |  wheel width mm |  height mm |  projection, swivel castor mm |  bolt hole ø mm |  load-carrying capacity kg |
|-------------------------------------|---|--|--|---|--|--|---|
| L-IL-TPBK-080-K-1-EC ID: 0035805 | L-IL-TPBK-080-K-1-DSN-EC ID: 0035806 | 80 | 30 | 100 | 36 | 12 | 80 |
| L-IL-TPBK-100-K-1-EC ID: 0036881 | L-IL-TPBK-100-K-1-DSN-EC ID: 0036882 | 100 | 30 | 125 | 36 | 12 | 90 |
| L-IL-TPBK-125-K-1-EC ID: 0035807 | L-IL-TPBK-125-K-1-DSN-EC ID: 0035808 | 125 | 35 | 155 | 36 | 12 | 110 |



-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432

wheels electrically conductive // SGS-EC



Features:

- SGS EC wheel series:
- wheel body made of steel sheet with roller bearing
- tread made of standard solid tire rubber, black
- floor contact staining can occur with these tires due to softener diffusion approx. 80° - 85° shore A






Properties:

- runs quietly
- affordable
- absorbs vibration
- electrically conductive
- the leakage resistance is < 10,000 ohms
- (old designation: 522 EL)

floors

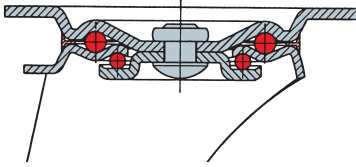


wheels

| |  wheel ø mm |  wheel width mm |  axle hole ø mm |  hub length mm |  load-carrying capacity kg |
|--|---|---|---|--|--|
| SGS-080-30-40-R12-EC Ident No.: 0013142 | 80 | 30 | 12 | 40 | 50 |
| SGS-100-30-40-R12-EC Ident No.: 0013151 | 100 | 30 | 12 | 40 | 70 |
| SGS-125-38-50-R15-EC Ident No.: 0013163 | 125 | 38 | 15 | 50 | 100 |
| SGS-140-38-49-R20-EC Ident No.: 0013382 | 140 | 38 | 20 | 49 | 120 |
| SGS-160-40-58-R20-EC Ident No.: 0013194 | 160 | 40 | 20 | 58 | 135 |
| SGS-180-50-60-R20-EC Ident No.: 0033481 | 180 | 50 | 20 | 60 | 170 |
| SGS-200-50-60-R20-EC Ident No.: 0013238 | 200 | 50 | 20 | 60 | 205 |
| SGS-250-60-75-R25-EC Ident No.: 0013264 | 250 | 60 | 25 | 75 | 295 |

Matching accessories can be found on page 432

solid rubber electrically conductive // standard housing IS, IL // up to 295 kg



Features:

- castor series IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



| swivel castors | swivel castors with double brake | fixed castors | wheel ø mm | wheel width mm | height mm | projection, swivel castor mm | plate size mm | hole spacing mm | hole ø mm | load-carrying capacity kg |
|---------------------------------------|---|-------------------------------------|------------|----------------|-----------|------------------------------|---------------|-----------------|-----------|---------------------------|
| L-IL-SGS-080-R-3-EC ID: 0030211 | L-IS-SGS-080-R-3-DSN-EC ID: 0030217 | B-IL-SGS-080-R-EC ID: 0030223 | 80 | 30 | 100 | 36 | 105 x 80 | 80 x 60 | 9 | 50 |
| L-IL-SGS-100-R-3-EC ID: 0030212 | L-IS-SGS-100-R-3-DSN-EC ID: 0030218 | B-IL-SGS-100-R-EC ID: 0030224 | 100 | 30 | 125 | 36 | 105 x 80 | 80 x 60 | 9 | 70 |
| L-IL-SGS-125-R-3-EC ID: 0030213 | L-IS-SGS-125-R-3-DSN-EC ID: 0030219 | B-IL-SGS-125-R-EC ID: 0030225 | 125 | 38 | 155 | 36 | 105 x 80 | 80 x 60 | 9 | 100 |
| L-IS-SGS-125-R-3-EC-GP ID: 0037863 | L-IS-SGS-125-R-3-DSN-EC-GP ID: 0040378 | B-IS-SGS-125-R-EC-GP ID: 0037864 | 125 | 38 | 155 | 48 | 135 x 110 | 105 x 80 | 11 | 100 |
| L-IL-SGS-160-R-3-EC ID: 0030214 | L-IS-SGS-160-R-3-DSN-EC ID: 0030220 | B-IL-SGS-160-R-EC ID: 0030226 | 160 | 40 | 190 | 52 | 135 x 110 | 105 x 80 | 11 | 135 |
| L-IL-SGS-200-R-3-EC ID: 0030215 | L-IS-SGS-200-R-3-DSN-EC ID: 0030221 | B-IL-SGS-200-R-EC ID: 0030227 | 200 | 50 | 235 | 54 | 135 x 110 | 105 x 80 | 11 | 205 |
| L-IS-SGS-250-R-3-EC ID: 0030216 | L-IS-SGS-250-R-3-DSV-EC ID: 0030222 | B-IS-SGS-250-R-EC ID: 0030228 | 250 | 60 | 290 | 66 | 135 x 110 | 105 x 80 | 11 | 295 |



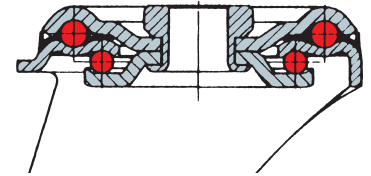
-1 (bolt hole)



1-DSN (bolt hole+ double brake)

Matching accessories can be found on page 432







solid rubber electrically conductive // standard housing IS, IL // up to 295 kg

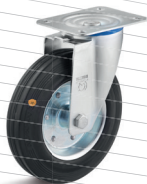


Features:

- castor series IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



| swivel castors | swivel castors with double brake |  wheel ø mm |  wheel width mm |  height mm |  projection, swivel castor mm |  bolt hole ø mm |  load-carrying capacity kg |
|------------------------------------|--|--|--|---|--|--|---|
| L-IL-SGS-080-R-1-EC ID: 0030543 | L-IL-SGS-080-R-1-DSN-EC ID: 0030548 | 80 | 30 | 100 | 36 | 12 | 50 |
| L-IL-SGS-100-R-1-EC ID: 0030544 | L-IL-SGS-100-R-1-DSN-EC ID: 0030549 | 100 | 30 | 125 | 38 | 12 | 70 |
| L-IL-SGS-125-R-1-EC ID: 0030545 | L-IL-SGS-125-R-1-DSN-EC ID: 0030550 | 125 | 38 | 155 | 38 | 12 | 100 |
| L-IL-SGS-160-R-1-EC ID: 0030546 | L-IL-SGS-160-R-1-DSN-EC ID: 0030551 | 160 | 38 | 190 | 52 | 16.5 | 135 |
| L-IL-SGS-200-R-1-EC ID: 0030547 | L-IL-SGS-200-R-1-DSN-EC ID: 0030552 | 200 | 50 | 235 | 53 | 17 | 205 |



-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432

wheels electrically conductive // EGA-EC



Features:

- EGA-EC wheel series
- die-cast aluminum wheel body with ball bearing
- tread made of elastic solid rubber, approx. 65° shore A, strong solid rubber cushion

Properties:

- high elasticity with low rolling resistance
- runs quietly
- sturdy and shock-resistant
- absorbs vibration
- electrically conductive
- the leakage resistance is < 10,000 ohms
- (old designation: f3 elf)

floors



wheels

EGA-080-35-40-K12-EC
Ident No.: 0031230

EGA-100-40-40-K12-EC
Ident No.: 0031232

EGA-125-40-50-K20-EC
Ident No.: 0031261

EGA-160-50-60-K20-EC
Ident No.: 0031546

EGA-200-50-60-K20-EC
Ident No.: 0032291



wheel ø
mm



wheel width
mm



axle hole ø
mm



hub length
mm



load-carrying
capacity kg

80

35

12

40

120

100

40

12

40

180

125

40

20

50

200

160

50

20

60

300

200

50

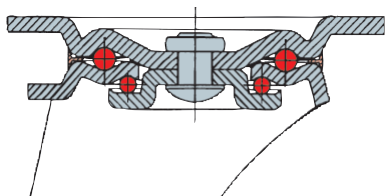
20

60

400

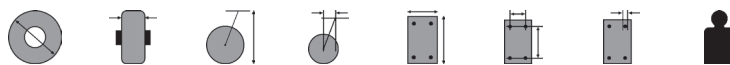
Matching accessories can be found on page 432

elastic rubber, electrically conductive // medium-weight housing IM // up to 400 kg



Features:

- castor series IM:
- heavy steel plate housing, galvanized
- fork head with double ball bearing
- (old designation: LU)



| swivel castors | swivel castors with double brake | fixed castors | wheel ø mm | wheel width mm | height mm | projection, swivel castor mm | plate size mm | hole spacing mm | hole ø mm | load-carrying capacity kg |
|------------------------------------|--|----------------------------------|------------|----------------|-----------|------------------------------|---------------|-----------------|-----------|---------------------------|
| L-IM-EGA-080-K-3-EC ID: 0033750 | L-IM-EGA-080-K-3-DSN-EC ID: 0033758 | B-IM-EGA-080-K-EC ID: 0033764 | 80 | 35 | 108 | 40 | 105 x 80 | 80 x 60 | 9 | 120 |
| L-IM-EGA-100-K-3-EC ID: 0033751 | L-IM-EGA-100-K-3-DSN-EC ID: 0033759 | B-IM-EGA-100-K-EC ID: 0033765 | 100 | 40 | 128 | 40 | 105 x 80 | 80 x 60 | 9 | 180 |
| L-IM-EGA-125-K-3-EC ID: 0033753 | L-IM-EGA-125-K-3-DSN-EC ID: 0033760 | B-IM-EGA-125-K-EC ID: 0033766 | 125 | 40 | 155 | 40 | 105 x 80 | 80 x 60 | 9 | 200 |
| L-IM-EGA-160-K-3-EC ID: 0033754 | L-IM-EGA-160-K-3-DSN-EC ID: 0033762 | B-IM-EGA-160-K-EC ID: 0033767 | 160 | 50 | 200 | 56 | 135 x 110 | 105 x 80 | 11 | 300 |
| L-IM-EGA-200-K-3-EC ID: 0033757 | L-IM-EGA-200-K-3-DSN-EC ID: 0033763 | B-IM-EGA-200-K-EC ID: 0033768 | 200 | 50 | 245 | 56 | 135 x 110 | 105 x 80 | 11 | 400 |

Matching accessories can be found on page 432

wheels electrically conductive // PUZK-EC



Features:

- PUZK-EC wheel series:
- polyamide 6 wheel body with ball bearing
- tread made of polyurethane, approx. 95° shore A, rounded edges

Properties:

- high load capacity
- low abrasion, non-marking, low rolling resistance
- excellent chemical resistance, oil and grease resistance
- resistant to cutting by metal chips
- the leakage resistance is < 10,000 ohms
- (old designation: PUSKS-ELF)








floors



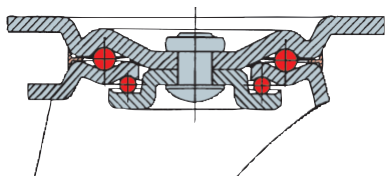
 **"Electrically conductive, comfortable running movement"**

wheels

| |  wheel ø mm |  wheel width mm |  axle hole ø mm |  hub length mm |  load-carrying capacity kg |
|---|---|---|---|--|--|
| PUZK-080-35-40-K12-EC Ident No.: 0033385 | 80 | 35 | 12 | 40 | 150 |
| PUZK-100-35-40-K12-EC Ident No.: 0033391 | 100 | 35 | 12 | 40 | 200 |
| PUZK-125-40-50-K15-EC Ident No.: 0033392 | 125 | 40 | 15 | 50 | 250 |
| PUZK-160-45-60-K20-EC Ident No.: 0033393 | 160 | 45 | 20 | 60 | 380 |
| PUZK-200-50-60-K20-EC Ident No.: 0033394 | 200 | 50 | 20 | 60 | 500 |

Matching accessories can be found on page 432

polyurethane electrically conductive // medium-weight housing IM // up to 500 kg



Features:

- castor series IM:
- heavy steel plate housing, galvanized
- fork head with double ball bearing
- (old designation: LU)



| swivel castors | swivel castors with double brake | fixed castors | wheel ø mm | wheel width mm | height mm | projection, swivel castor mm | plate size mm | hole spacing mm | hole ø mm | load-carrying capacity kg |
|-------------------------------------|---|-----------------------------------|------------|----------------|-----------|------------------------------|---------------|-----------------|-----------|---------------------------|
| L-IM-PUZK-080-K-3-EC ID: 0033396 | L-IM-PUZK-080-K-3-DSN-EC ID: 0033405 | B-IM-PUZK-080-K-EC ID: 0033411 | 80 | 35 | 108 | 40 | 105 x 80 | 80 x 60 | 8.5 | 150 |
| L-IM-PUZK-100-K-3-EC ID: 0033397 | L-IM-PUZK-100-K-3-DSN-EC ID: 0033406 | B-IM-PUZK-100-K-EC ID: 0033412 | 100 | 35 | 128 | 40 | 105 x 80 | 80 x 60 | 8.5 | 200 |
| L-IM-PUZK-125-K-3-EC ID: 0033400 | L-IM-PUZK-125-K-3-DSN-EC ID: 0033407 | B-IM-PUZK-125-K-EC ID: 0033413 | 125 | 40 | 155 | 40 | 105 x 80 | 80 x 60 | 8.5 | 250 |
| L-IM-PUZK-160-K-3-EC ID: 0033402 | L-IM-PUZK-160-K-3-DSN-EC ID: 0033408 | B-IM-PUZK-160-K-EC ID: 0033414 | 160 | 50 | 200 | 56 | 135 x 110 | 105 x 80 | 10.5 | 380 |
| L-IM-PUZK-200-K-3-EC ID: 0033403 | L-IM-PUZK-200-K-3-DSN-EC ID: 0033409 | B-IM-PUZK-200-K-EC ID: 0033415 | 200 | 47 | 245 | 56 | 135 x 110 | 105 x 80 | 10.5 | 500 |

Matching accessories can be found on page 432

wheels electrically conductive // PALK-EC



Features:

- PALK-EC wheel series:
- wheel body made of polyamide 6 with roller bearing and stainless steel axle tube; ready for installation
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity
- resistant to fracturing even at heavy loads
- long service life
- runs well on smooth floor surfaces
- low rolling resistance
- electrically conductive
- the leakage resistance is < 10,000 ohms
- (old designation: TQR ELF)

floors



wheels

PALK-080-35-42-R12-EC
Ident No.: 0036210

PALK-100-35-43-R08-EC
Ident No.: 0036211

PALK-125-35-51-R08-EC
Ident No.: 0036212

PALK-150-45-61-R12-EC
Ident No.: 0036213

PALK-200-50-61-R12-EC
Ident No.: 0036214



wheel ø
mm



wheel width
mm



axle hole ø
mm



hub length
mm



load-carrying
capacity kg

80

35

8

42

200

100

35

8

43

250

125

35

8

51

350

150

45

12

61

500

200

50

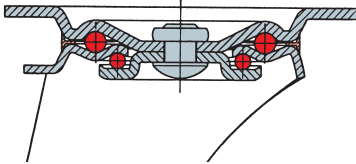
12

61

600

Matching accessories can be found on page 432

polyamide electrically conductive // standard housing IS, IL // up to 350 kg



Features:

- castor series IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



| swivel castors | swivel castors with double brake | fixed castors | wheel ø mm | wheel width mm | height mm | projection, swivel castor mm | plate size mm | hole spacing mm | hole ø mm | load-carrying capacity kg |
|-------------------------------------|---|-------------------------------------|------------|----------------|-----------|------------------------------|---------------|-----------------|-----------|---------------------------|
| L-IL-PALK-080-R-3-EC ID: 0030196 | L-IL-PALK-080-R-3-DSN-EC ID: 0030201 | B-IL-PALK-080-R-3-EC ID: 0030206 | 80 | 35 | 100 | 36 | 105 x 80 | 80 x 60 | 9 | 150 |
| L-IL-PALK-100-R-3-EC ID: 0030197 | L-IL-PALK-100-R-3-DSN-EC ID: 0030202 | B-IL-PALK-100-R-3-EC ID: 0030207 | 100 | 35 | 125 | 36 | 105 x 80 | 80 x 60 | 9 | 150 |
| L-IL-PALK-125-R-3-EC ID: 0030198 | L-IL-PALK-125-R-3-DSN-EC ID: 0030203 | B-IL-PALK-125-R-3-EC ID: 0030208 | 125 | 35 | 155 | 37 | 105 x 80 | 80 x 60 | 9 | 200 |
| L-IL-PALK-150-R-3-EC ID: 0030199 | L-IL-PALK-150-R-3-DSN-EC ID: 0030204 | B-IL-PALK-150-R-3-EC ID: 0030209 | 150 | 45 | 185 | 52 | 135 x 110 | 105 x 80 | 11 | 300 |
| L-IL-PALK-200-R-3-EC ID: 0030200 | L-IL-PALK-200-R-3-DSN-EC ID: 0030205 | B-IL-PALK-200-R-3-EC ID: 0030210 | 200 | 50 | 235 | 53 | 135 x 110 | 105 x 80 | 11 | 350 |



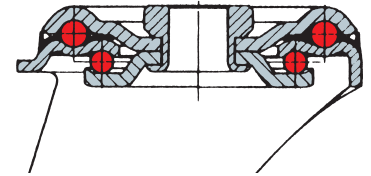
-1 (bolt hole)



1-DSN (bolt hole+ double brake)

Matching accessories can be found on page 432

polyamide electrically conductive // standard housing IS, IL // up to 350 kg



Features:

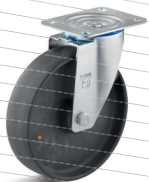
- castor series IL:
- steel sheet housing, galvanized
- fork head with double ball bearing
- seal with integrated ball spacer
- (old designation: LCW)



“Electrically conductive”



| swivel castors | swivel castors with double brake | wheel ø mm | wheel width mm | height mm | projection, swivel castor mm | bolt hole ø mm | load-carrying capacity kg |
|-------------------------------------|---|------------|----------------|-----------|------------------------------|----------------|---------------------------|
| L-IL-PALK-080-R-1-EC ID: 0031715 | L-IL-PALK-080-R-1-DSN-EC ID: 0032882 | 80 | 30 | 103 | 36 | 12 | 130 |
| L-IL-PALK-100-R-1-EC ID: 0032034 | L-IL-PALK-100-R-1-DSN-EC ID: 0035183 | 100 | 35 | 125 | 36 | 12 | 130 |
| L-IL-PALK-125-R-1-EC ID: 0033343 | L-IL-PALK-125-R-1-DSN-EC ID: 0035184 | 125 | 40 | 155 | 36 | 12 | 130 |
| L-IL-PALK-150-R-1-EC ID: 0040473 | L-IL-PALK-150-R-1-DSN-EC ID: 0040474 | 150 | 45 | 185 | 52 | 12 | 300 |
| L-IL-PALK-200-R-1-EC ID: 0035182 | L-IL-PALK-200-R-1-DSN-EC ID: 0032184 | 200 | 50 | 235 | 54 | 12 | 350 |



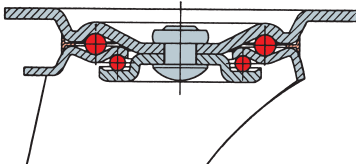
-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432

polyamide electrically conductive // stainless steel standard series IV // up to 270 kg



Features:

- castor series IV:
- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/...)



| swivel castors | swivel castors with double brake | fixed castors | wheel ø mm | wheel width mm | height mm | projection, swivel castor mm | plate size mm | hole spacing mm | hole ø mm | load-carrying capacity kg |
|-------------------------------------|---|-------------------------------------|------------|----------------|-----------|------------------------------|---------------|-----------------|-----------|---------------------------|
| L-IV-PALK-080-R-3-EC ID: 0032478 | L-IV-PALK-080-R-3-DSN-EC ID: 0032479 | B-IV-PALK-080-R-3-EC ID: 0032661 | 80 | 30 | 108 | 32 | 100 x 80 | 80 x 60 | 8 | 130 |
| L-IV-PALK-100-R-3-EC ID: 0033297 | L-IV-PALK-100-R-3-DSN-EC ID: 0031084 | B-IV-PALK-100-R-3-EC ID: 0031085 | 100 | 35 | 128 | 32 | 100 x 80 | 80 x 60 | 8 | 130 |
| L-IV-PALK-125-R-3-EC ID: 0032266 | L-IV-PALK-125-R-3-DSN-EC ID: 0031327 | B-IV-PALK-125-R-3-EC ID: 0030963 | 125 | 40 | 155 | 32 | 100 x 80 | 80 x 60 | 10 | 130 |
| L-IV-PALK-150-R-3-EC ID: 0033876 | L-IV-PALK-150-R-3-DSN-EC ID: 0031324 | B-IV-PALK-150-R-3-EC ID: 0031713 | 150 | 45 | 195 | 52 | 130 x 106 | 105 x 80 | 12 | 270 |
| L-IV-PALK-200-R-3-EC ID: 0033877 | L-IV-PALK-200-R-3-DSN-EC ID: 0033878 | B-IV-PALK-200-R-3-EC ID: 0033879 | 200 | 50 | 245 | 49 | 130 x 106 | 105 x 80 | 12 | 270 |



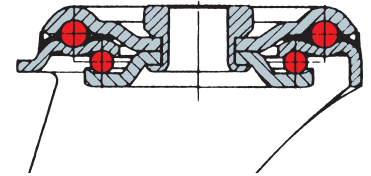
-1 (bolt hole)



1-DSN (bolt hole+ double brake)

Matching accessories can be found on page 432

polyamide electrically conductive // stainless steel standard series IV // up to 270 kg



Features:

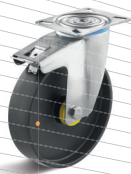
- castor series IV:
- standard stainless steel housing
- fork head with double ball bearing
- all mounted parts are resistant to rust and acid
- (old designation: RFL/...)



| swivel castors | swivel castors with double brake | wheel ø mm | wheel width mm | height mm | projection, swivel castor mm | bolt hole ø mm | load-carrying capacity kg |
|-------------------------------------|---|------------|----------------|-----------|------------------------------|----------------|---------------------------|
| L-IV-PALK-080-R-1-EC ID: 0033959 | L-IV-PALK-080-R-1-DSN-EC ID: 0030938 | 80 | 35 | 108 | 32 | 12 | 130 |
| L-IV-PALK-100-R-1-EC ID: 0040475 | L-IV-PALK-100-R-1-DSN-EC ID: 0034151 | 100 | | 128 | | 12 | 130 |
| L-IV-PALK-125-R-1-EC ID: 0035191 | L-IV-PALK-125-R-1-DSN-EC ID: 0035192 | 125 | 37 | 128 | 32 | 12 | 130 |
| L-IV-PALK-150-R-1-EC ID: 0040476 | L-IV-PALK-150-R-1-DSN-EC ID: 0040479 | 150 | 45 | 195 | 49 | 12 | 270 |
| L-IV-PALK-200-R-1-EC ID: 0040477 | L-IV-PALK-200-R-1-DSN-EC ID: 0040482 | 200 | 50 | 245 | 49 | 12 | 270 |



-3 (plate)



3-DSN (plate+ double brake)

Matching accessories can be found on page 432

wheels electrically conductive // PAM-EC



Features:

- PAM-EC wheel series:
- wheel made of polyamide 6 with 2 ball bearings
- polyamide 6 can absorb and release moisture

Properties:

- excellent chemical resistance
- high load capacity, resistant to fracturing even with heavy loads
- runs well on smooth floor surfaces
- low rolling resistance
- electrically conductive
- the leakage resistance is < 10,000 ohms
- (old designation: POKS-ELF)

floors



wheels

PAM-080-35-40-K12-EC
Ident No.: 0033420

PAM-100-35-40-K12-EC
Ident No.: 0033421

PAM-125-40-50-K15-EC
Ident No.: 0033422

PAM-150-45-60-K20-EC
Ident No.: 0033423

PAM-200-50-60-K20-EC
Ident No.: 0033424



wheel \varnothing
mm



wheel width
mm



axle hole \varnothing
mm



hub length
mm



load-carrying
capacity kg

80

35

12

40

200

100

35

12

40

300

125

40

15

50

400

150

45

20

60

700

200

50

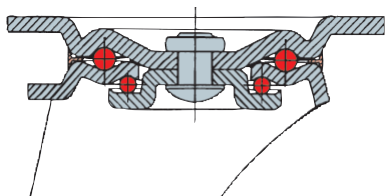
20

60

1,000

Matching accessories can be found on page 432

polyamide electrically conductive // medium-weight housing IM // up to 500 kg



Features:

- castor series IM:
- heavy steel plate housing, galvanized
- fork head with double ball bearing
- (old designation: LU)



| swivel castors | swivel castors with double brake | fixed castors | wheel ø mm | wheel width mm | height mm | projection, swivel castor mm | plate size mm | hole spacing mm | hole ø mm | load-carrying capacity kg |
|------------------------------------|--|----------------------------------|------------|----------------|-----------|------------------------------|---------------|-----------------|-----------|---------------------------|
| L-IM-PAM-080-K-3-EC ID: 0033425 | L-IM-PAM-080-K-3-DSN-EC ID: 0033431 | B-IM-PAM-080-K-EC ID: 0033437 | 80 | 35 | 108 | 40 | 105 x 80 | 80 x 60 | 8.5 | 200 |
| L-IM-PAM-100-K-3-EC ID: 0033426 | L-IM-PAM-100-K-3-DSN-EC ID: 0033432 | B-IM-PAM-100-K-EC ID: 0033438 | 100 | 35 | 128 | 40 | 105 x 80 | 80 x 60 | 8.5 | 300 |
| L-IM-PAM-125-K-3-EC ID: 0033427 | L-IM-PAM-125-K-3-DSN-EC ID: 0033434 | B-IM-PAM-125-K-EC ID: 0033439 | 125 | 40 | 155 | 40 | 105 x 80 | 80 x 60 | 8.5 | 400 |
| L-IM-PAM-150-K-3-EC ID: 0033428 | L-IM-PAM-150-K-3-DSN-EC ID: 0033435 | B-IM-PAM-150-K-EC ID: 0033440 | 150 | 45 | 195 | 56 | 135 x 110 | 105 x 80 | 10.5 | 500 |
| L-IM-PAM-200-K-3-EC ID: 0033429 | L-IM-PAM-200-K-3-DSN-EC ID: 0033436 | B-IM-PAM-200-K-EC ID: 0033441 | 200 | 50 | 245 | 56 | 135 x 110 | 105 x 80 | 10.5 | 500 |

Matching accessories can be found on page 432