



Metric



elesa

Original design RE.F5-N / -N-ESD



2 Bearing type

K Annular ball bearing

3 Bracket type

B Rigid bracket

L Swivel bracket with mounting plate

LF Swivel bracket with mounting plate, with total lock brake

R Swivel bracket with center hole

RF Swivel bracket with center hole, with total lock brake

4 Coding

L Light version

Specification

Wheel tread

- Plastic, polyurethane (PUR) for ST
 - Cast, yellow
 - Hardness 92 Shore A
- Plastic, polyurethane (PUR) for STE
 - Electrically conductive (antistatic)
 - Electrical resistance < 10⁹ Ω
 - Cast, dark gray
 - Wear resistant
 - Hardness 90 Shore A

Wheel core

Aluminum die-cast

Bracket

- Steel sheet metal, zinc plated **ST**
- Steel sheet metal, zinc plated, ESD **STE**

Swivel head bracket

- Dual grease-lubricated ball bearing
- Dust protection ring on type L / LF
- Plastic, polyethylene (PE)

Operating temperature

-4 °F to 176 °F (-20 °C to +80 °C)

RoHS

Medium duty casters EN 22885 are used in industrial and public indoor areas for moving lightweight carts, for example.

The wheel tread offers low rolling resistance and high elasticity as well as good wear and tearing resistance.

The ESD version has antistatic properties and therefore meets the requirements of ISO 22878:2004.

The low wear on the ball bearing increases the service life, and the mounting to the inner ring can be accomplished with zero axial backlash.

see also...

	Page
EN 22885 Wheels (without Bracket)	QVX
EN 22885 (Medium Version)	QVX

Technical Information

Operating Conditions of Wheels and Casters	QVX
Technical Information for Wheels and Casters	QVX
Plastic Characteristics	QVX

How to order

1	Wheel diameter d ₁
2	Bearing type
3	Bracket type
4	Coding
5	Bracket material

EN 22885-125-K-RF-L-ST

Metric table



Dimensions in: millimeters / inches

d ₁ Wheel Ø	b	d ₂	d ₃	d ₄	h		l ₁	l ₂		l ₃	m ₁	m ₂		m ₃	m ₄	r	Max. dynamic load capacity	
					Type B / L / LF	Type R / RF		Type B	Type L / LF			Type B	Type L / LF				Material ST	Material STE
80 3.15	25 0.98	9 0.35	12 0.47	73 2.87	107 4.21	107 4.21	100 3.94	85 3.35	85 3.35	40 1.57	45 1.77	60 2.36	60 2.36	75 2.95	80 3.15	120 4.72	2000 N 450 lbf	1700 N 382 lbf
100 3.94	30 1.18	9 0.35	12 0.47	73 2.87	128 5.04	128 5.04	100 3.94	85 3.35	85 3.35	35 1.38	45 1.77	60 2.36	60 2.36	75 2.95	80 3.15	120 4.72	2000 N 450 lbf	2000 N 450 lbf
125 4.92	35 1.38	9 0.35	12 0.47	73 2.87	156 6.14	156 6.14	100 3.94	85 3.35	85 3.35	37 1.46	45 1.77	60 2.36	60 2.36	75 2.95	80 3.15	120 4.72	2200 N 495 lbf	2200 N 495 lbf
150 5.91	40 1.57	11 0.43	20 0.79	102 4.02	194 7.64	188 7.40	140 5.51	114 4.49	110 4.33	56 2.20	73 2.87	85 3.35	87 3.43	105 4.13	105 4.13	156 6.14	3000 N 674 lbf	3000 N 674 lbf
200 7.87	50 1.97	11 0.43	20 0.79	102 4.02	240 9.45	236 9.29	140 5.51	114 4.49	110 4.33	56 2.20	73 2.87	85 3.35	87 3.43	105 4.13	105 4.13	156 6.14	3000 N 674 lbf	3000 N 674 lbf

3.1

3.2

3.3

3.4

3.5

3.6

3.7

3.8

3.9

3.10

