



Metric



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



2 Bearing type

K Annular ball bearing

3 Type

A Wheel without bracket
AE Wheel without bracket, ESD

Metric table



Dimensions in: millimeters / inches

d ₁ Wheel Ø	b ₁	b ₂	d ₂	Recommended ergonomic maximum load	Max. static load capacity		Max. dynamic load capacity	
					Type A	Type AE	Type A	Type AE
80 3.15	25 0.98	30 1.18	12 0.47	1500 N 337 lbf	2800 N 629 lbf	2200 86.61	2200 N 495 lbf	1700 N 382 lbf
100 3.94	30 1.18	40 1.57	12 0.47	2250 N 506 lbf	3500 N 787 lbf	2800 110.24	2500 N 562 lbf	2000 N 450 lbf
125 4.92	35 1.38	40 1.57	12 0.47	2800 N 629 lbf	5000 N 1124 lbf	4000 157.48	4000 N 899 lbf	3200 N 719 lbf
150 5.91	40 1.57	50 1.97	20 0.79	3300 N 742 lbf	8500 N 1911 lbf	6800 267.72	6000 N 1349 lbf	4800 N 1079 lbf
200 7.87	50 1.97	55 2.17	20 0.79	3600 N 809 lbf	10000 N 2248 lbf	8000 314.96	8500 N 1911 lbf	6800 N 1529 lbf

Specification

Wheel tread

- Plastic, polyurethane (PUR) (Type A)
 - Cast, yellow
 - Hardness 92 Shore A
- Plastic, polyurethane (PUR) (Type AE)
 - Electrically conductive (antistatic)
 - Electrical resistance < 10⁹ Ω
 - Cast, dark grey
 - Wear resistant
 - Hardness 90 Shore A

Wheel core

Aluminum die-cast

Operating temperature

-4 °F to 176 °F (-20 °C to +80 °C)

RoHS

Wheels EN 22885 are used in industrial and public indoor areas for moving transport 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 Medium Duty Casters (with Bracket, Light Version)	QVX
EN 22885 Medium Duty Casters (with Bracket, Medium Version)	QVX
EN 22868 Wheels (Polyurethane Wheel Tread, Green)	QVX
EN 22887 Wheels (Cast Iron Wheel Core)	QVX

Technical Information

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

How to order

EN 22885-100-K-A

1	Wheel diameter d ₁
2	Bearing type
3	Type

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

