

PRODUCT DATASHEET

ES-BR-C27-S006-V001

165 mm Precision Transmission Component

Precision Crossed Roller Bearings | Precision Crossed Roller Bearing Series

Product Overview

165 mm Precision Transmission Component with body Outer Diameter 165 mm, radial Dynamic Load Rating 33.1 kN and mass 2.6 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	165	mm
Radial Dynamic Load Rating	33.1	kN
Mass	2.6	kg
Bearing Width	22	mm
Minimum Chamfer Radius	1	mm
Inner Ring Diameter	80	mm
Inner Ring Mounting PCD	97	mm
Outer Ring Mounting PCD	148	mm
Pitch Circle Diameter	124	mm

Technical Specifications

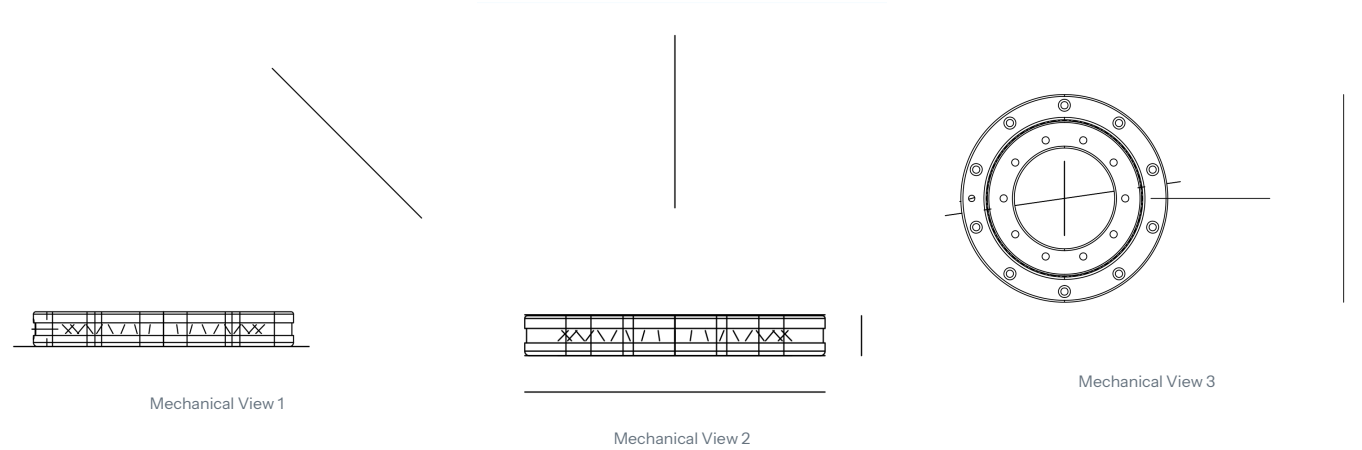
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	33.1	kN
Radial Static Load Rating	50.9	kN
MECHANICAL		
Body Outer Diameter	165	mm
Mass	2.6	kg
Bearing Width	22	mm
Shaft Diameter	80	mm
Minimum Chamfer Radius	1	mm
Pitch Circle Diameter	124	mm
Shoulder Diameter Dh	134	mm
Inner Ring Diameter	80	mm
Shoulder Diameter ds	114	mm
INTEGRATION		
Inner Ring Mounting PCD	97	mm
Outer Ring Mounting PCD	148	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	165	mm
Mass	2.6	kg
Bearing Width	22	mm
Shaft Diameter	80	mm
Minimum Chamfer Radius	1	mm
Pitch Circle Diameter	124	mm

Dimensional Drawings



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- 01

Specifications are subject to change without notice. Verify the current product configuration before final design release.
- 02

2D drawings, CAD files and integration documentation are controlled documents and are supplied separately on request.