

PRODUCT DATASHEET

ES-BR-C27-S014-V002

225 mm Precision Transmission Component

Precision Crossed Roller Bearings | Precision Crossed Roller Bearing Platform 09 Series

Product Overview

225 mm Precision Transmission Component with body Outer Diameter 225 mm, axial Dynamic Load Rating 71 kN and radial Dynamic Load Rating 46 kN.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	225	mm
Axial Dynamic Load Rating	71	kN
Radial Dynamic Load Rating	46	kN
Mass	3.7	kg
Axial Static Load Rating	275	kN
Bearing Width	25.4	mm
Minimum Chamfer Radius	1.1	mm
Inner Ring Diameter	150	mm
Inner Ring Mounting PCD	165	mm

Technical Specifications

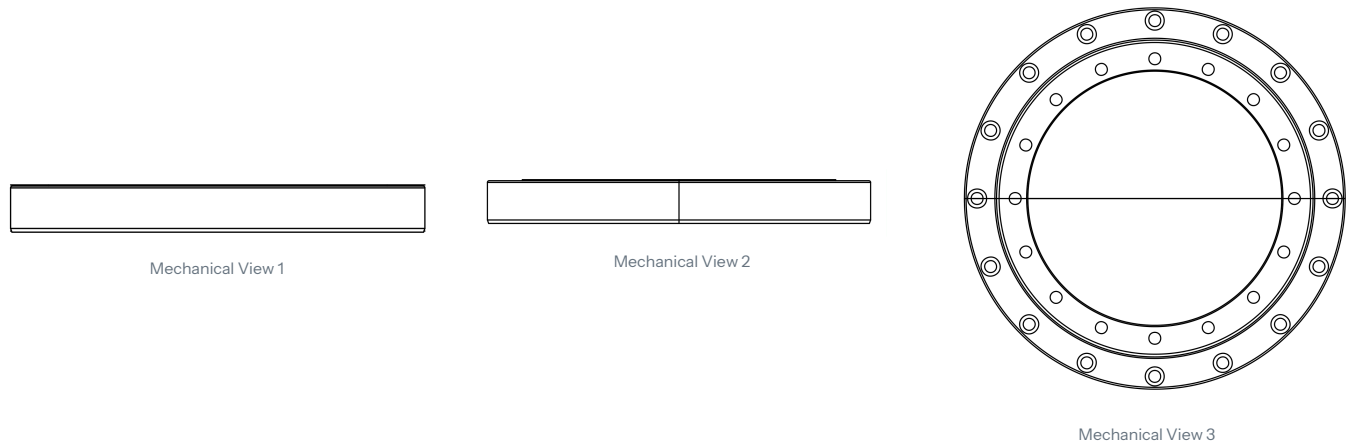
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Axial Dynamic Load Rating	71	kN
Radial Dynamic Load Rating	46	kN
Limiting Speed	203	r/min
Axial Static Load Rating	275	kN
Radial Static Load Rating	110	kN
MECHANICAL		
Body Outer Diameter	225	mm
Mass	3.7	kg
Bearing Width	25.4	mm
Shaft Diameter	150	mm
Minimum Chamfer Radius	1.1	mm
Inner Ring Diameter	150	mm
INTEGRATION		
Outer Ring Mounting Holes	16	
Inner Ring Mounting PCD	165	mm
Outer Ring Mounting PCD	210	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	225	mm
Mass	3.7	kg
Bearing Width	25.4	mm
Shaft Diameter	150	mm
Minimum Chamfer Radius	1.1	mm
Inner Ring Diameter	150	mm

Dimensional Drawings



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Specifications are subject to change without notice. Verify the current product configuration before final design release.
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2D drawings, CAD files and integration documentation are controlled documents and are supplied separately on request.