

PRODUCT DATASHEET

ES-BR-C27-S014-V010

814 mm Precision Transmission Component

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

Product Overview

814 mm Precision Transmission Component with body Outer Diameter 814 mm, axial Dynamic Load Rating 315 kN and radial Dynamic Load Rating 200 kN.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	814	mm
Axial Dynamic Load Rating	315	kN
Radial Dynamic Load Rating	200	kN
Mass	52	kg
Axial Static Load Rating	930	kN
Bearing Width	56	mm
Minimum Chamfer Radius	3	mm
Inner Ring Diameter	674	mm
Inner Ring Mounting PCD	698	mm

Technical Specifications

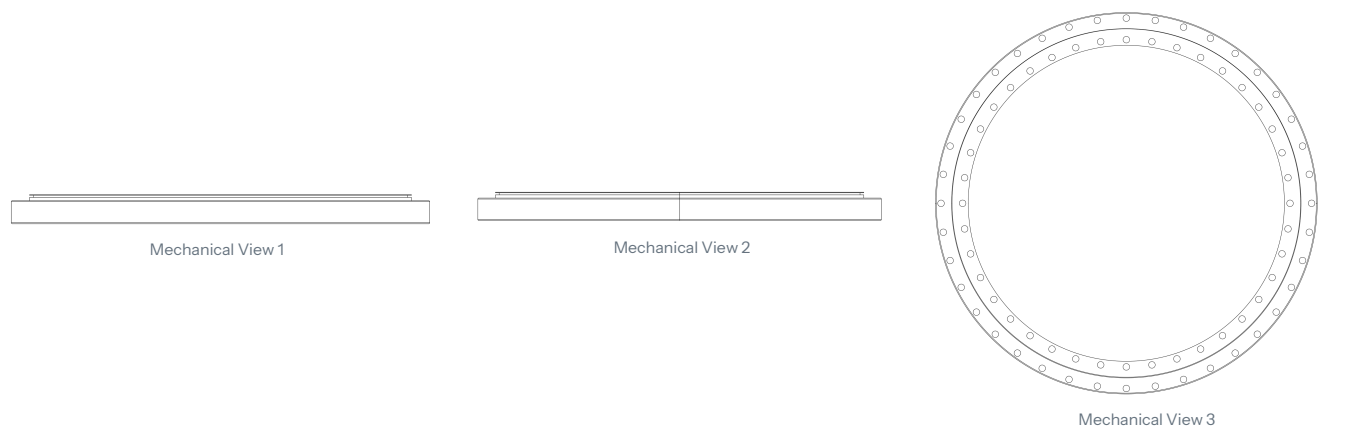
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Axial Dynamic Load Rating	315	kN
Radial Dynamic Load Rating	200	kN
Axial Static Load Rating	930	kN
Radial Static Load Rating	455	kN
MECHANICAL		
Body Outer Diameter	814	mm
Mass	52	kg
Bearing Width	56	mm
Shaft Diameter	674	mm
Minimum Chamfer Radius	3	mm
Inner Ring Diameter	674	mm
INTEGRATION		
Outer Ring Mounting Holes	40	
Inner Ring Mounting PCD	698	mm
Outer Ring Mounting PCD	790	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	814	mm
Mass	52	kg
Bearing Width	56	mm
Shaft Diameter	674	mm
Minimum Chamfer Radius	3	mm
Inner Ring Diameter	674	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.