

PRODUCT DATASHEET

ES-BR-C27-S014-V007

484 mm Precision Transmission Component

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

Product Overview

484 mm Precision Transmission Component with body Outer Diameter 484 mm, axial Dynamic Load Rating 220 kN and radial Dynamic Load Rating 146 kN.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	484	mm
Axial Dynamic Load Rating	220	kN
Radial Dynamic Load Rating	146	kN
Mass	28	kg
Axial Static Load Rating	520	kN
Bearing Width	56	mm
Minimum Chamfer Radius	2	mm
Inner Ring Diameter	344	mm
Inner Ring Mounting PCD	368	mm

Technical Specifications

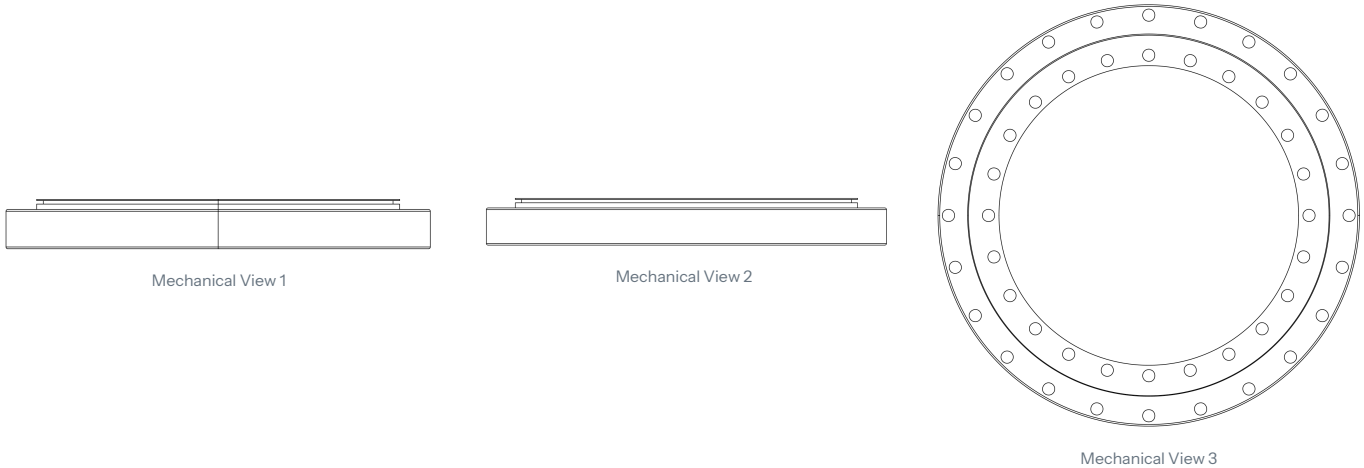
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Axial Dynamic Load Rating	220	kN
Radial Dynamic Load Rating	146	kN
Axial Static Load Rating	520	kN
Radial Static Load Rating	225	kN
MECHANICAL		
Body Outer Diameter	484	mm
Mass	28	kg
Bearing Width	56	mm
Shaft Diameter	344	mm
Minimum Chamfer Radius	2	mm
Inner Ring Diameter	344	mm
INTEGRATION		
Outer Ring Mounting Holes	24	
Inner Ring Mounting PCD	368	mm
Outer Ring Mounting PCD	460	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	484	mm
Mass	28	kg
Bearing Width	56	mm
Shaft Diameter	344	mm
Minimum Chamfer Radius	2	mm
Inner Ring Diameter	344	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.