

PRODUCT DATASHEET

ES-BR-C27-S014-V005

355 mm Precision Transmission Component

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

Product Overview

355 mm Precision Transmission Component with body Outer Diameter 355 mm, axial Dynamic Load Rating 93 kN and radial Dynamic Load Rating 59 kN.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	355	mm
Axial Dynamic Load Rating	93	kN
Radial Dynamic Load Rating	59	kN
Mass	6.3	kg
Axial Static Load Rating	465	kN
Bearing Width	25.4	mm
Minimum Chamfer Radius	1.5	mm
Inner Ring Diameter	280	mm
Inner Ring Mounting PCD	295	mm

Technical Specifications

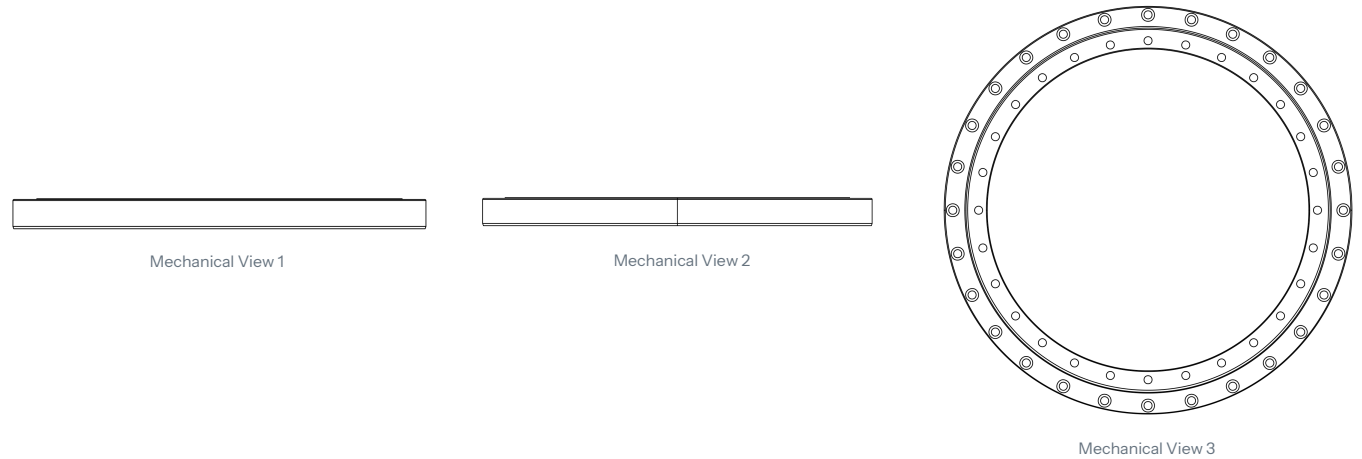
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Axial Dynamic Load Rating	93	kN
Radial Dynamic Load Rating	59	kN
Limiting Speed	120	r/min
Axial Static Load Rating	465	kN
Radial Static Load Rating	185	kN
MECHANICAL		
Body Outer Diameter	355	mm
Mass	6.3	kg
Bearing Width	25.4	mm
Shaft Diameter	280	mm
Minimum Chamfer Radius	1.5	mm
Inner Ring Diameter	280	mm
INTEGRATION		
Outer Ring Mounting Holes	28	
Inner Ring Mounting PCD	295	mm
Outer Ring Mounting PCD	340	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	355	mm
Mass	6.3	kg
Bearing Width	25.4	mm
Shaft Diameter	280	mm
Minimum Chamfer Radius	1.5	mm
Inner Ring Diameter	280	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.