

PRODUCT DATASHEET

ES-BR-C27-S006-V008

540 mm Precision Transmission Component

Precision Crossed Roller Bearings | Precision Crossed Roller Bearing Series

Product Overview

540 mm Precision Transmission Component with body Outer Diameter 540 mm, radial Dynamic Load Rating 222 kN and mass 35.4 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	540	mm
Radial Dynamic Load Rating	222	kN
Mass	35.4	kg
Bearing Width	45	mm
Minimum Chamfer Radius	2.5	mm
Inner Ring Diameter	350	mm
Inner Ring Mounting PCD	385	mm
Outer Ring Mounting PCD	505	mm
Pitch Circle Diameter	445.4	mm

Technical Specifications

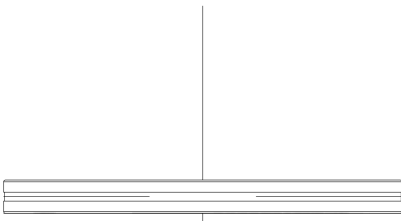
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	222	kN
Radial Static Load Rating	473	kN
MECHANICAL		
Body Outer Diameter	540	mm
Mass	35.4	kg
Bearing Width	45	mm
Shaft Diameter	350	mm
Minimum Chamfer Radius	2.5	mm
Pitch Circle Diameter	445.4	mm
Shoulder Diameter Dh	473	mm
Inner Ring Diameter	350	mm
Shoulder Diameter ds	417	mm
INTEGRATION		
Inner Ring Mounting PCD	385	mm
Outer Ring Mounting PCD	505	mm

Dimensional & Integration Overview

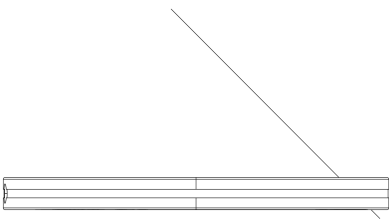
Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	540	mm
Mass	35.4	kg
Bearing Width	45	mm
Shaft Diameter	350	mm
Minimum Chamfer Radius	2.5	mm
Pitch Circle Diameter	445.4	mm

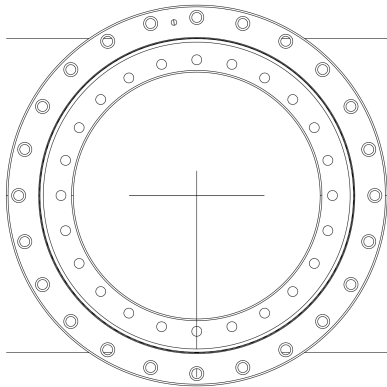
Dimensional Drawings



Mechanical View 1



Mechanical View 2



Mechanical View 3

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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.