

PRODUCT DATASHEET

ES-BR-C27-S011-V030

90 mm Precision Transmission Component

Precision Crossed Roller Bearings | Precision Crossed Roller Bearing Platform 06 Series

Product Overview

90 mm Precision Transmission Component with body Outer Diameter 90 mm, radial Dynamic Load Rating 18 kN and mass 0.3 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	90	mm
Radial Dynamic Load Rating	18	kN
Mass	0.3	kg
Bearing Width	13	mm
Minimum Chamfer Radius	0.6	mm
Inner Ring Diameter	60	mm
Pitch Circle Diameter	74	mm
Radial Static Load Rating	24.3	kN
Shaft Diameter	60	mm

Technical Specifications

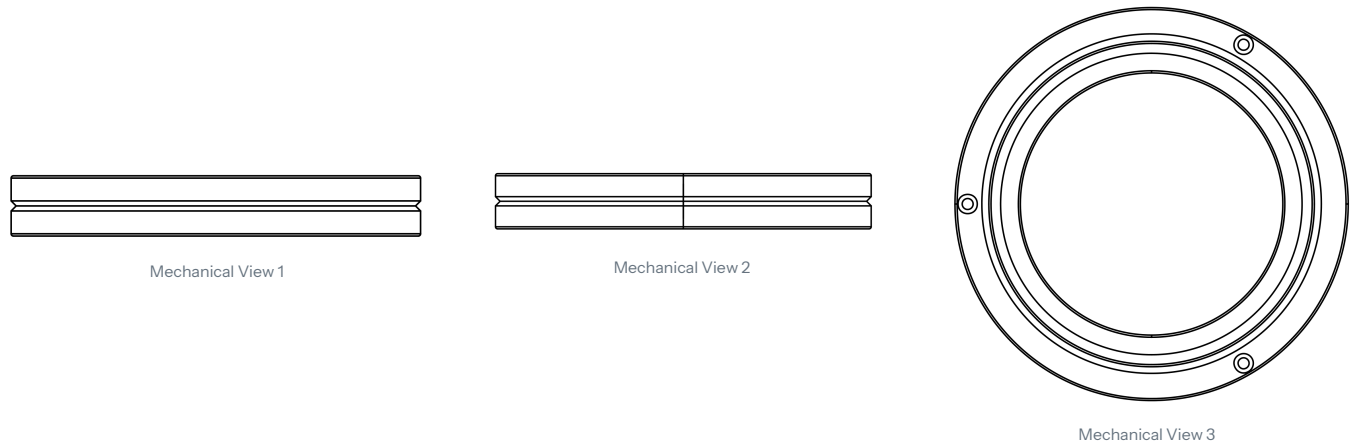
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	18	kN
Radial Static Load Rating	24.3	kN
MECHANICAL		
Body Outer Diameter	90	mm
Mass	0.3	kg
Bearing Width	13	mm
Shaft Diameter	60	mm
Minimum Chamfer Radius	0.6	mm
Pitch Circle Diameter	74	mm
Shoulder Diameter Dh	82	mm
Inner Ring Diameter	60	mm
Shoulder Diameter ds	68	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	90	mm
Mass	0.3	kg
Bearing Width	13	mm
Shaft Diameter	60	mm
Minimum Chamfer Radius	0.6	mm
Pitch Circle Diameter	74	mm

Dimensional Drawings



2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 1	Identifier symbol	N

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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.