

PRODUCT DATASHEET

ES-BR-C27-S011-V026

70 mm Precision Transmission Component

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

Product Overview

70 mm Precision Transmission Component with body Outer Diameter 70 mm, radial Dynamic Load Rating 8.62 kN and mass 0.17 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	70	mm
Radial Dynamic Load Rating	8.62	kN
Mass	0.17	kg
Bearing Width	10	mm
Minimum Chamfer Radius	0.6	mm
Inner Ring Diameter	45	mm
Pitch Circle Diameter	56.5	mm
Radial Static Load Rating	11.3	kN
Shaft Diameter	45	mm

Technical Specifications

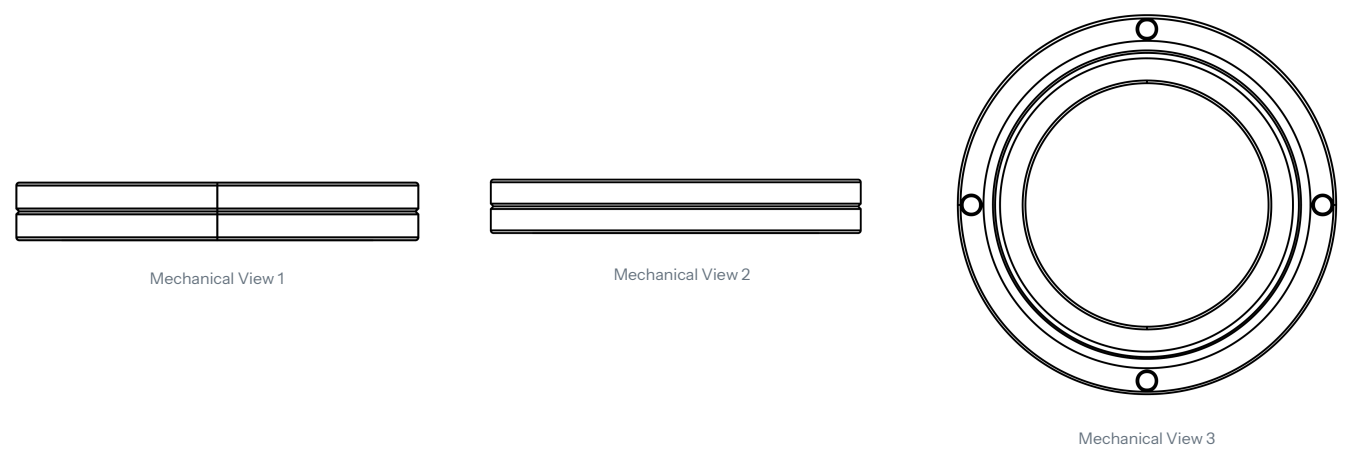
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	8.62	kN
Radial Static Load Rating	11.3	kN
MECHANICAL		
Body Outer Diameter	70	mm
Mass	0.17	kg
Bearing Width	10	mm
Shaft Diameter	45	mm
Minimum Chamfer Radius	0.6	mm
Pitch Circle Diameter	56.5	mm
Shoulder Diameter Dh	61.5	mm
Inner Ring Diameter	45	mm
Shoulder Diameter ds	51	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	70	mm
Mass	0.17	kg
Bearing Width	10	mm
Shaft Diameter	45	mm
Minimum Chamfer Radius	0.6	mm
Pitch Circle Diameter	56.5	mm

Dimensional Drawings



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Specifications are subject to change without notice. Verify the current product configuration before final design release.
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2D drawings, CAD files and integration documentation are controlled documents and are supplied separately on request.