

PRODUCT DATASHEET

ES-BR-C27-S012-V005

175 mm Precision Transmission Component

Precision Crossed Roller Bearings | Precision Crossed Roller Bearing Platform 07 Series

Product Overview

175 mm Precision Transmission Component with body Outer Diameter 175 mm, radial Dynamic Load Rating 25.9 kN and mass 1 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	175	mm
Radial Dynamic Load Rating	25.9	kN
Mass	1	kg
Bearing Width	16	mm
Minimum Chamfer Radius	1.5	mm
Greasing Hole	1.5	
Inner Ring Diameter	140	mm
Pitch Circle Diameter	160	mm
Radial Static Load Rating	50.1	kN

Technical Specifications

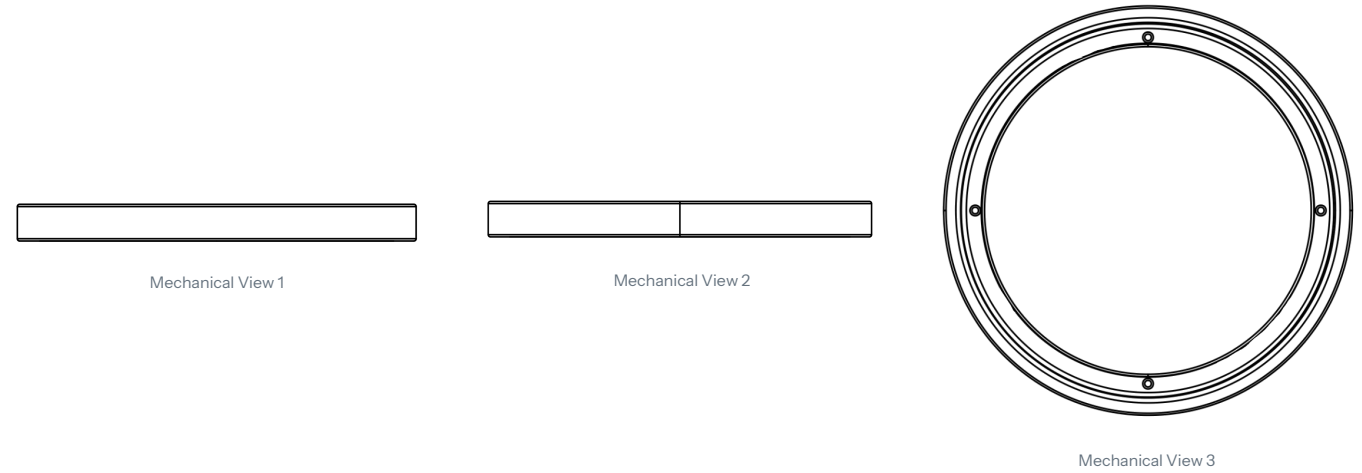
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	25.9	kN
Radial Static Load Rating	50.1	kN
MECHANICAL		
Body Outer Diameter	175	mm
Mass	1	kg
Bearing Width	16	mm
Shaft Diameter	140	mm
Minimum Chamfer Radius	1.5	mm
Pitch Circle Diameter	160	mm
Shoulder Diameter Dh	162	mm
Greasing Hole	1.5	
Inner Ring Diameter	140	mm
Shoulder Diameter ds	147	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	175	mm
Mass	1	kg
Bearing Width	16	mm
Shaft Diameter	140	mm
Minimum Chamfer Radius	1.5	mm
Pitch Circle Diameter	160	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.