

PRODUCT DATASHEET

ES-BR-C27-S011-V007

175 mm Precision Transmission Component

Precision Crossed Roller Bearings | Precision Crossed Roller Bearing Platform 06 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	2	mm
Inner Ring Diameter	140	mm
Pitch Circle Diameter	154.8	mm
Radial Static Load Rating	50.1	kN
Shaft Diameter	140	mm

Technical Specifications

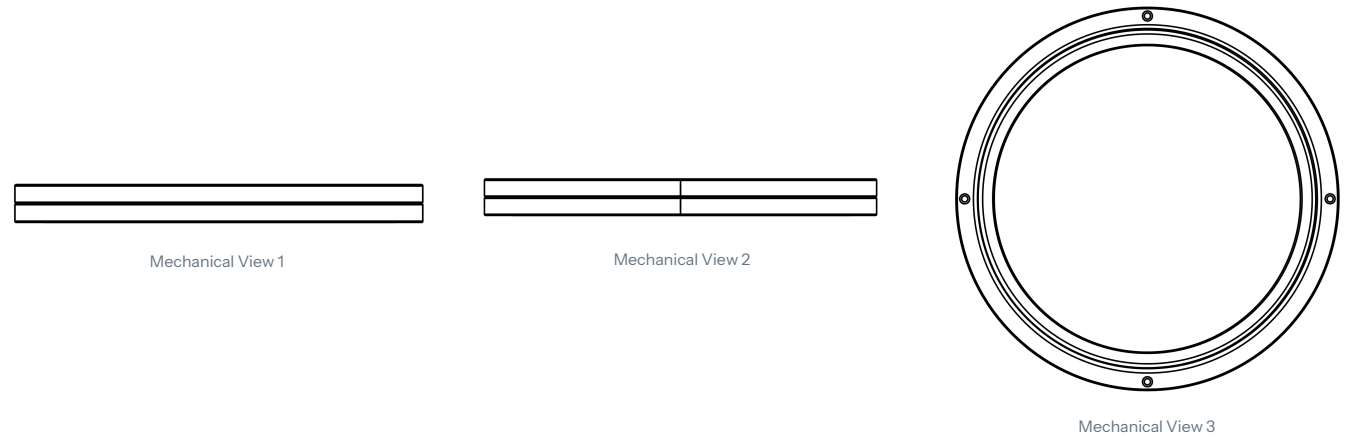
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	25.9	kN
Radial Static Load Rating	50.1	kN
MECHANICAL		
Body Outer Diameter	175	mm
Mass	1	kg
Bearing Width	16	mm
Shaft Diameter	140	mm
Minimum Chamfer Radius	2	mm
Pitch Circle Diameter	154.8	mm
Shoulder Diameter Dh	162	mm
Inner Ring 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	2	mm
Pitch Circle Diameter	154.8	mm

Dimensional Drawings



2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 3	Mounting hole marker_top	Mounting hole position marker
	Mounting hole marker_left	
	Mounting hole marker_right	
	Mounting hole marker_bottom	

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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.