

PRODUCT DATASHEET

ES-BR-C27-S011-V017

310 mm Precision Transmission Component

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

Product Overview

310 mm Precision Transmission Component with body Outer Diameter 310 mm, radial Dynamic Load Rating 69.3 kN and mass 5 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	310	mm
Radial Dynamic Load Rating	69.3	kN
Mass	5	kg
Bearing Width	25	mm
Minimum Chamfer Radius	3	mm
Inner Ring Diameter	250	mm
Pitch Circle Diameter	277.5	mm
Radial Static Load Rating	150	kN
Shaft Diameter	250	mm

Technical Specifications

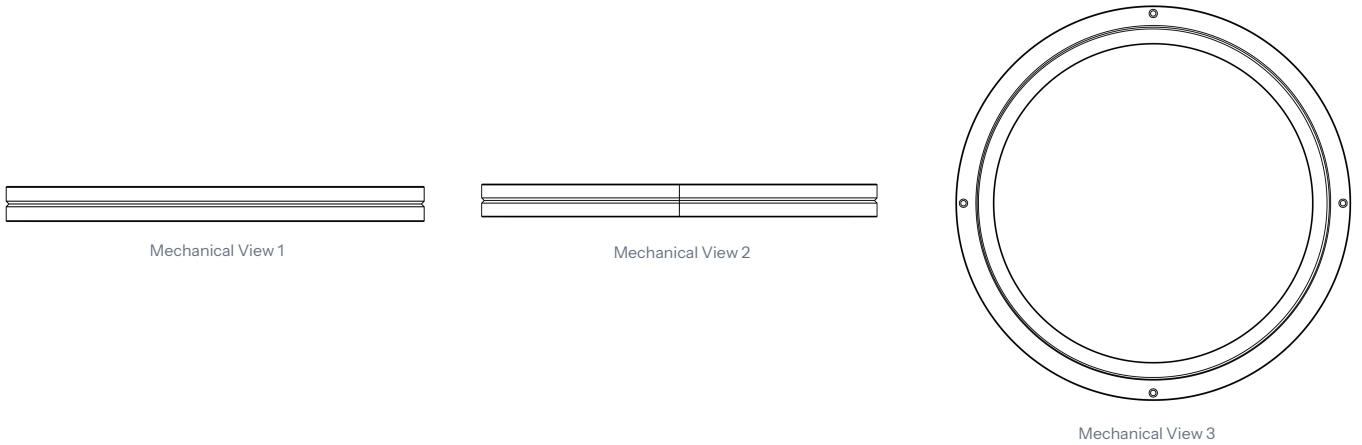
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	69.3	kN
Radial Static Load Rating	150	kN
MECHANICAL		
Body Outer Diameter	310	mm
Mass	5	kg
Bearing Width	25	mm
Shaft Diameter	250	mm
Minimum Chamfer Radius	3	mm
Pitch Circle Diameter	277.5	mm
Shoulder Diameter Dh	290	mm
Inner Ring Diameter	250	mm
Shoulder Diameter ds	265	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	310	mm
Mass	5	kg
Bearing Width	25	mm
Shaft Diameter	250	mm
Minimum Chamfer Radius	3	mm
Pitch Circle Diameter	277.5	mm

Dimensional Drawings



2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 3		Datum C

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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.