

PRODUCT DATASHEET

ES-BR-C27-S011-V015

280 mm Precision Transmission Component

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

Product Overview

280 mm Precision Transmission Component with body Outer Diameter 280 mm, radial Dynamic Load Rating 92.3 kN and mass 4.1 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	280	mm
Radial Dynamic Load Rating	92.3	kN
Mass	4.1	kg
Bearing Width	25	mm
Minimum Chamfer Radius	2.5	mm
Inner Ring Diameter	220	mm
Pitch Circle Diameter	248	mm
Radial Static Load Rating	171	kN
Shaft Diameter	220	mm

Technical Specifications

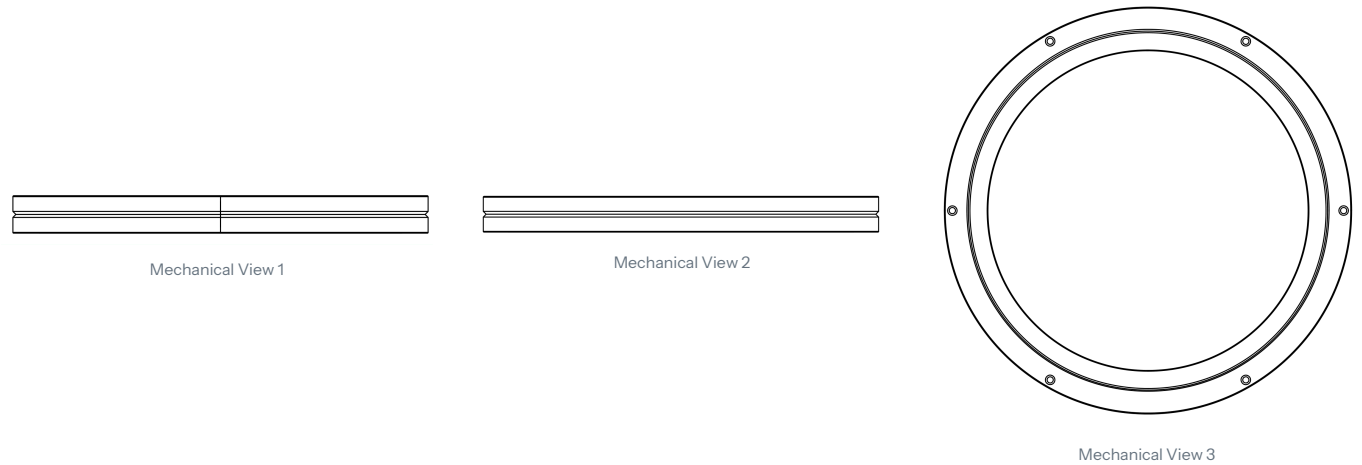
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	92.3	kN
Radial Static Load Rating	171	kN
MECHANICAL		
Body Outer Diameter	280	mm
Mass	4.1	kg
Bearing Width	25	mm
Shaft Diameter	220	mm
Minimum Chamfer Radius	2.5	mm
Pitch Circle Diameter	248	mm
Shoulder Diameter Dh	265	mm
Inner Ring Diameter	220	mm
Shoulder Diameter ds	235	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	280	mm
Mass	4.1	kg
Bearing Width	25	mm
Shaft Diameter	220	mm
Minimum Chamfer Radius	2.5	mm
Pitch Circle Diameter	248	mm

Dimensional Drawings



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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.