

PRODUCT DATASHEET

ES-BR-C27-S011-V029

700 mm Precision Transmission Component

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

Product Overview

700 mm Precision Transmission Component with body Outer Diameter 700 mm, radial Dynamic Load Rating 264 kN and mass 29 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	700	mm
Radial Dynamic Load Rating	264	kN
Mass	29	kg
Bearing Width	40	mm
Minimum Chamfer Radius	4	mm
Inner Ring Diameter	600	mm
Pitch Circle Diameter	647	mm
Radial Static Load Rating	721	kN
Shaft Diameter	600	mm

Technical Specifications

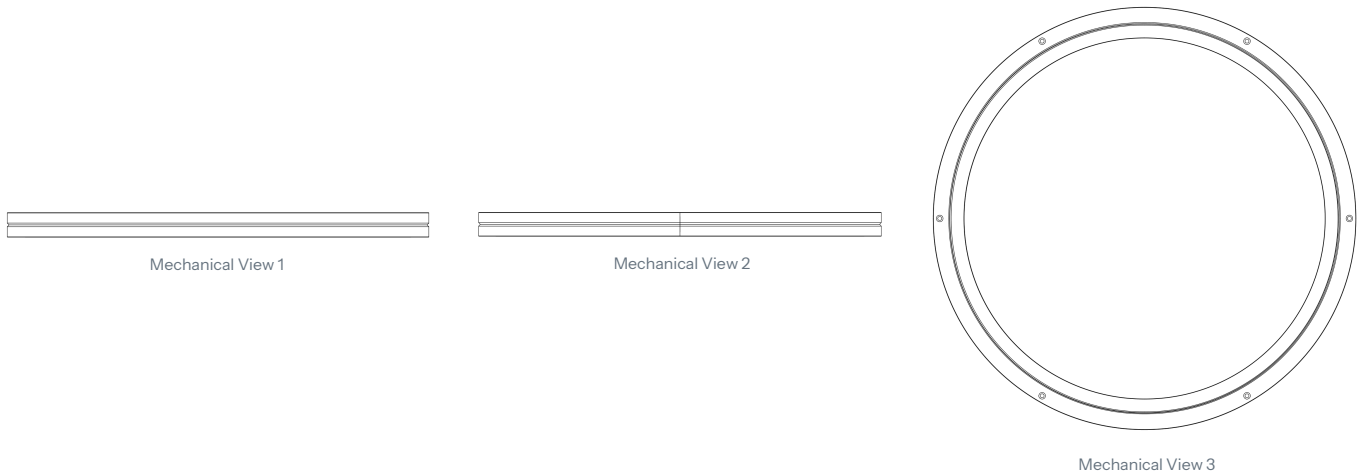
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	264	kN
Radial Static Load Rating	721	kN
MECHANICAL		
Body Outer Diameter	700	mm
Mass	29	kg
Bearing Width	40	mm
Shaft Diameter	600	mm
Minimum Chamfer Radius	4	mm
Pitch Circle Diameter	647	mm
Shoulder Diameter Dh	673	mm
Inner Ring Diameter	600	mm
Shoulder Diameter ds	627	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	700	mm
Mass	29	kg
Bearing Width	40	mm
Shaft Diameter	600	mm
Minimum Chamfer Radius	4	mm
Pitch Circle Diameter	647	mm

Dimensional Drawings



2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 3	Datum reference marker	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.