

PRODUCT DATASHEET

ES-BR-C27-S011-V016

300 mm Precision Transmission Component

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

Product Overview

300 mm Precision Transmission Component with body Outer Diameter 300 mm, radial Dynamic Load Rating 68.3 kN and mass 4.5 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	300	mm
Radial Dynamic Load Rating	68.3	kN
Mass	4.5	kg
Bearing Width	25	mm
Minimum Chamfer Radius	3	mm
Inner Ring Diameter	240	mm
Pitch Circle Diameter	269	mm
Radial Static Load Rating	145	kN
Shaft Diameter	240	mm

Technical Specifications

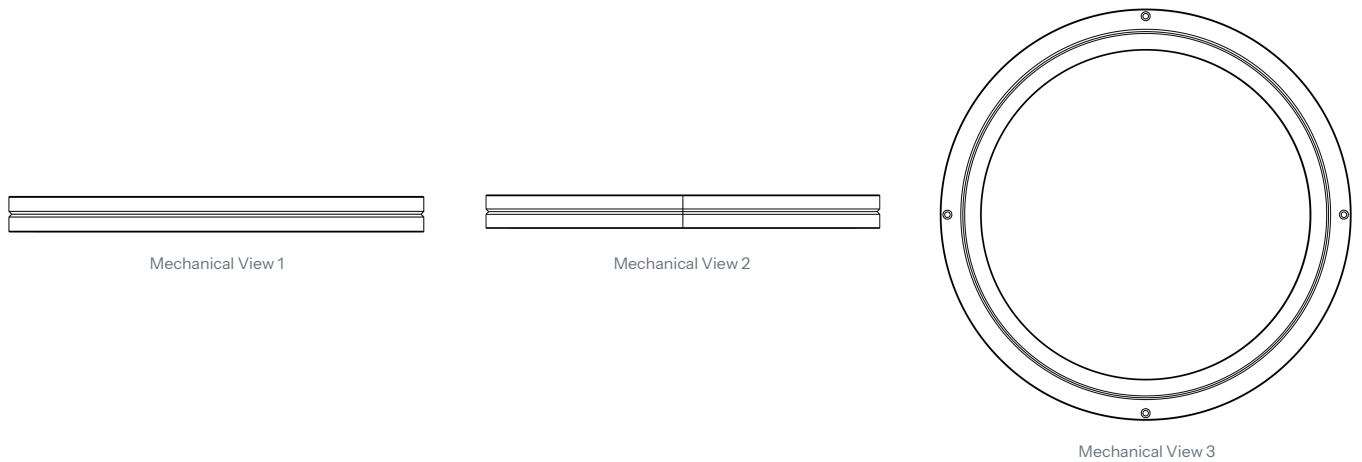
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	68.3	kN
Radial Static Load Rating	145	kN
MECHANICAL		
Body Outer Diameter	300	mm
Mass	4.5	kg
Bearing Width	25	mm
Shaft Diameter	240	mm
Minimum Chamfer Radius	3	mm
Pitch Circle Diameter	269	mm
Shoulder Diameter Dh	281	mm
Inner Ring Diameter	240	mm
Shoulder Diameter ds	256	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	300	mm
Mass	4.5	kg
Bearing Width	25	mm
Shaft Diameter	240	mm
Minimum Chamfer Radius	3	mm
Pitch Circle Diameter	269	mm

Dimensional Drawings



2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 3	Mounting hole position - Top center	Mounting hole at top center, equally spaced on circular pattern
	Mounting hole position - Right side	Mounting hole at right side, equally spaced on circular pattern
	Mounting hole position - Left side	Mounting hole at left side, equally spaced on circular pattern
	Mounting hole position - Bottom center	Mounting hole at bottom center, equally spaced on circular pattern

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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.