

PRODUCT DATASHEET

ES-BR-C27-S011-V025

500 mm Precision Transmission Component

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

Product Overview

500 mm Precision Transmission Component with body Outer Diameter 500 mm, radial Dynamic Load Rating 61.7 kN and mass 6.6 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	500	mm
Radial Dynamic Load Rating	61.7	kN
Mass	6.6	kg
Bearing Width	25	mm
Minimum Chamfer Radius	1.5	mm
Inner Ring Diameter	450	mm
Pitch Circle Diameter	474	mm
Radial Static Load Rating	182	kN
Shaft Diameter	450	mm

Technical Specifications

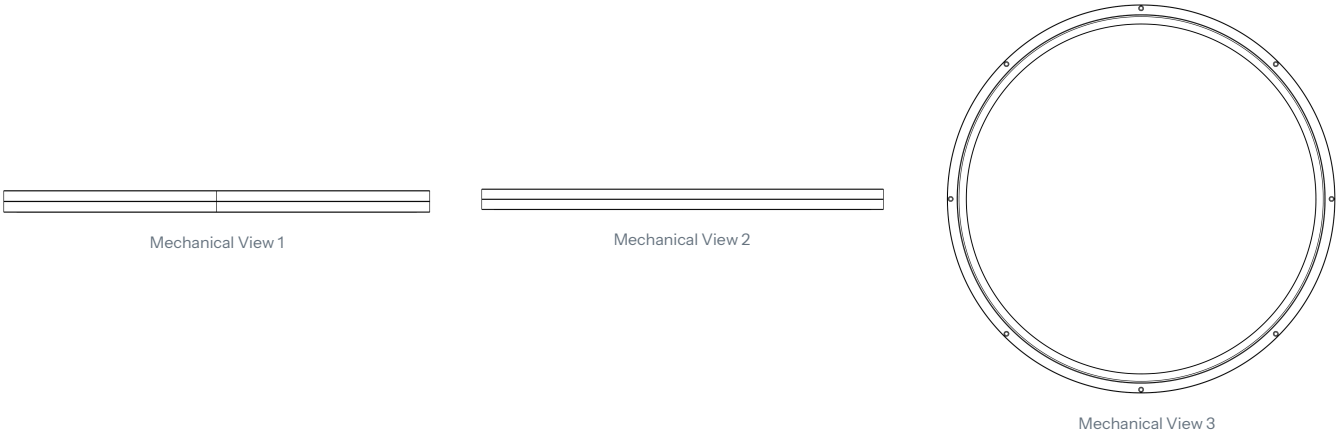
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	61.7	kN
Radial Static Load Rating	182	kN
MECHANICAL		
Body Outer Diameter	500	mm
Mass	6.6	kg
Bearing Width	25	mm
Shaft Diameter	450	mm
Minimum Chamfer Radius	1.5	mm
Pitch Circle Diameter	474	mm
Shoulder Diameter Dh	484	mm
Inner Ring Diameter	450	mm
Shoulder Diameter ds	464	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	500	mm
Mass	6.6	kg
Bearing Width	25	mm
Shaft Diameter	450	mm
Minimum Chamfer Radius	1.5	mm
Pitch Circle Diameter	474	mm

Dimensional Drawings



2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 2	Overall length first segment	450 mm
	Overall length second segment	250 mm
Mechanical View 3	Mounting hole position - top center	Mounting hole indicator
	Mounting hole position - left side	
	Mounting hole position - right side	
	Mounting hole position - bottom center	

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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.