

PRODUCT DATASHEET

ES-BR-C27-S008-V005

196.85 mm Precision Transmission Component

Precision Crossed Roller Bearings | Precision Crossed Roller Bearing Platform 03 Series

Product Overview

196.85 mm Precision Transmission Component with body Outer Diameter 196.85 mm, axial Dynamic Load Rating 63 kN and radial Dynamic Load Rating 40 kN.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	196.85	mm
Axial Dynamic Load Rating	63	kN
Radial Dynamic Load Rating	40	kN
Mass	3.6	kg
Axial Static Load Rating	66	kN
Bearing Width	22.22	mm
Inner Ring Diameter	101.6	mm
Inner Ring Mounting Holes	16-Ø6.9	
Inner Ring Mounting PCD	115.8	mm

Technical Specifications

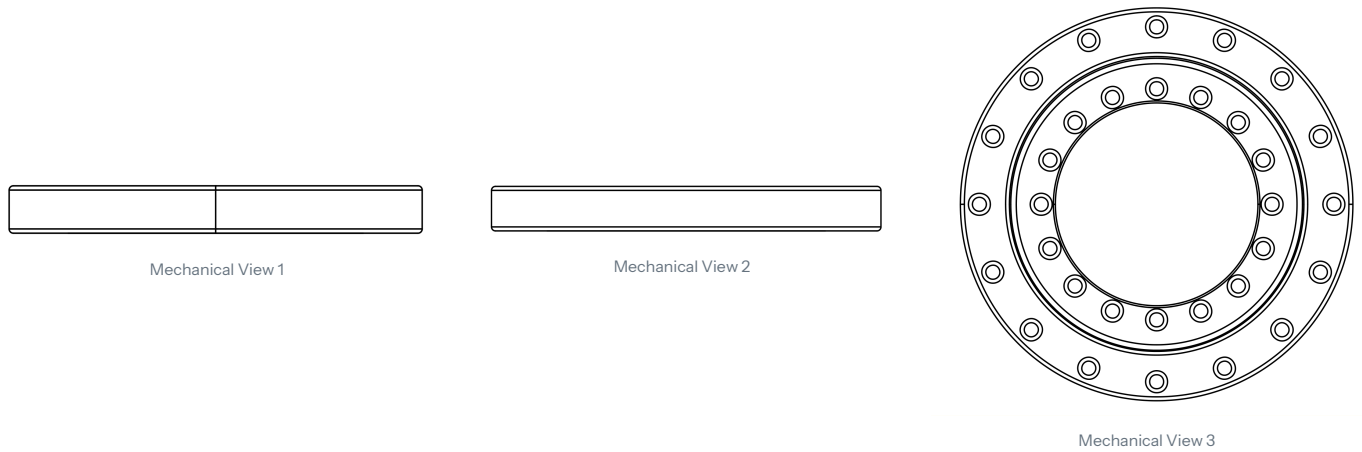
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Axial Dynamic Load Rating	63	kN
Radial Dynamic Load Rating	40	kN
Axial Static Load Rating	66	kN
Radial Static Load Rating	32.5	kN
MECHANICAL		
Body Outer Diameter	196.85	mm
Mass	3.6	kg
Bearing Width	22.22	mm
Pitch Circle Diameter	147	mm
Inner Ring Diameter	101.6	mm
INTEGRATION		
Outer Ring Mounting Holes	16-Ø6.9	
Inner Ring Mounting PCD	115.8	mm
Outer Ring Mounting PCD	177.8	mm
Inner Ring Mounting Holes	16-Ø6.9	

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	196.85	mm
Mass	3.6	kg
Bearing Width	22.22	mm
Pitch Circle Diameter	147	mm
Inner Ring Diameter	101.6	mm
Outer Ring Mounting Holes	16-Ø6.9	

Dimensional Drawings



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Specifications are subject to change without notice. Verify the current product configuration before final design release.
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2D drawings, CAD files and integration documentation are controlled documents and are supplied separately on request.