

PRODUCT DATASHEET

ES-BR-C27-S008-V003

145.79 mm Precision Transmission Component

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

Product Overview

145.79 mm Precision Transmission Component with body Outer Diameter 145.79 mm, axial Dynamic Load Rating 36 kN and radial Dynamic Load Rating 22.8 kN.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	145.79	mm
Axial Dynamic Load Rating	36	kN
Radial Dynamic Load Rating	22.8	kN
Mass	1.2	kg
Axial Static Load Rating	44.5	kN
Bearing Width	15.87	mm
Inner Ring Diameter	76.2	mm
Inner Ring Mounting Holes	8-Ø6.9	
Inner Ring Mounting PCD	88.9	mm

Technical Specifications

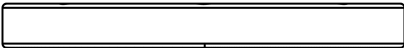
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Axial Dynamic Load Rating	36	kN
Radial Dynamic Load Rating	22.8	kN
Axial Static Load Rating	44.5	kN
Radial Static Load Rating	21.5	kN
MECHANICAL		
Body Outer Diameter	145.79	mm
Mass	1.2	kg
Bearing Width	15.87	mm
Pitch Circle Diameter	111	mm
Inner Ring Diameter	76.2	mm
INTEGRATION		
Outer Ring Mounting Holes	8-Ø6.9	
Inner Ring Mounting PCD	88.9	mm
Outer Ring Mounting PCD	133.1	mm
Inner Ring Mounting Holes	8-Ø6.9	

Dimensional & Integration Overview

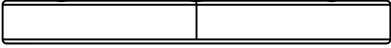
Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	145.79	mm
Mass	1.2	kg
Bearing Width	15.87	mm
Pitch Circle Diameter	111	mm
Inner Ring Diameter	76.2	mm
Outer Ring Mounting Holes	8-Ø6.9	

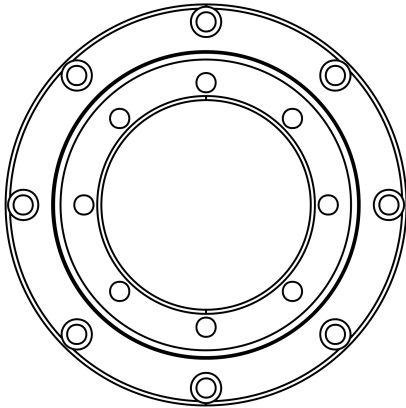
Dimensional Drawings



Mechanical View 1



Mechanical View 2



Mechanical View 3

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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.