

PRODUCT DATASHEET

ES-BR-C27-S008-V001

112 mm Precision Transmission Component

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

Product Overview

112 mm Precision Transmission Component with body Outer Diameter 112 mm, axial Dynamic Load Rating 22.4 kN and radial Dynamic Load Rating 14.3 kN.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	112	mm
Axial Dynamic Load Rating	22.4	kN
Radial Dynamic Load Rating	14.3	kN
Mass	1.4	kg
Axial Static Load Rating	29	kN
Bearing Width	22	mm
Inner Ring Diameter	40	mm
Inner Ring Mounting Holes	6-M8	
Inner Ring Mounting PCD	56	mm

Technical Specifications

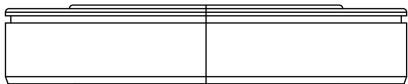
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Axial Dynamic Load Rating	22.4	kN
Radial Dynamic Load Rating	14.3	kN
Axial Static Load Rating	29	kN
Radial Static Load Rating	14.2	kN
MECHANICAL		
Body Outer Diameter	112	mm
Mass	1.4	kg
Bearing Width	22	mm
Pitch Circle Diameter	77	mm
Inner Ring Diameter	40	mm
INTEGRATION		
Outer Ring Mounting Holes	6-Ø6.6	
Inner Ring Mounting PCD	56	mm
Outer Ring Mounting PCD	97	mm
Inner Ring Mounting Holes	6-M8	

Dimensional & Integration Overview

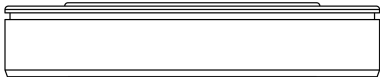
Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	112	mm
Mass	1.4	kg
Bearing Width	22	mm
Pitch Circle Diameter	77	mm
Inner Ring Diameter	40	mm
Outer Ring Mounting Holes	6-Ø6.6	

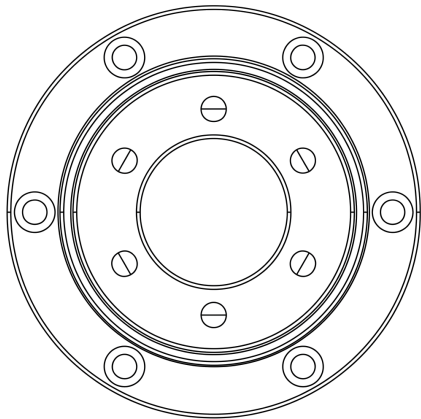
Dimensional Drawings



Mechanical View 1



Mechanical View 2



Mechanical View 3

2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 3		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.