PRODUCT DATASHEET

ES-BR-C27-S008-V002

140 mm Precision Transmission Component

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

Product Overview

140 mm Precision Transmission Component with body Outer Diameter 140 mm, axial Dynamic Load Rating 32.5 kN and radial Dynamic Load Rating 20.7 kN.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	140	mm
Axial Dynamic Load Rating	32.5	kN
Radial Dynamic Load Rating	20.7	kN
Mass	2.4	kg
Axial Static Load Rating	37.5	kN
Bearing Width	26	mm
Inner Ring Diameter	57	mm
Inner Ring Mounting Holes	6-M8	
Inner Ring Mounting PCD	70	mm

Technical Specifications

PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Axial Dynamic Load Rating	32.5	kN
Radial Dynamic Load Rating	20.7	kN
Axial Static Load Rating	37.5	kN
Radial Static Load Rating	18.4	kN
MECHANICAL		
Body Outer Diameter	140	mm
Mass	2.4	kg
Bearing Width	26	mm
Pitch Circle Diameter	94	mm
Inner Ring Diameter	57	mm
INTEGRATION		
Outer Ring Mounting Holes	6-Ø9	
Inner Ring Mounting PCD	70	mm
Outer Ring Mounting PCD	120	mm
Inner Ring Mounting Holes	6-M8	

Dimensional & Integration Overview

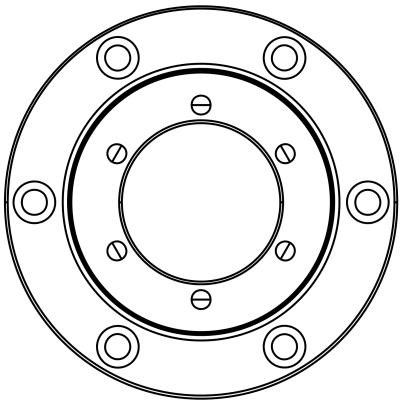
Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	140	mm
Mass	2.4	kg
Bearing Width	26	mm
Pitch Circle Diameter	94	mm
Inner Ring Diameter	57	mm
Outer Ring Mounting Holes	6-Ø9	

Dimensional Drawings

Mechanical View 1

Mechanical View 2



Mechanical View 3

View Product Online Request Engineering Data Request a Quote

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.