

PRODUCT DATASHEET

ES-BR-C27-S014-V004

295 mm Precision Transmission Component

Precision Crossed Roller Bearings | Precision Crossed Roller Bearing Platform 09 Series

Product Overview

295 mm Precision Transmission Component with body Outer Diameter 295 mm, axial Dynamic Load Rating 84 kN and radial Dynamic Load Rating 54 kN.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	295	mm
Axial Dynamic Load Rating	84	kN
Radial Dynamic Load Rating	54	kN
Mass	5.1	kg
Axial Static Load Rating	375	kN
Bearing Width	25.4	mm
Minimum Chamfer Radius	1.5	mm
Inner Ring Diameter	220	mm
Inner Ring Mounting PCD	235	mm

Technical Specifications

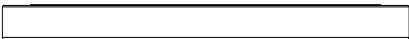
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Axial Dynamic Load Rating	84	kN
Radial Dynamic Load Rating	54	kN
Limiting Speed	148	r/min
Axial Static Load Rating	375	kN
Radial Static Load Rating	151	kN
MECHANICAL		
Body Outer Diameter	295	mm
Mass	5.1	kg
Bearing Width	25.4	mm
Shaft Diameter	220	mm
Minimum Chamfer Radius	1.5	mm
Inner Ring Diameter	220	mm
INTEGRATION		
Outer Ring Mounting Holes	24	
Inner Ring Mounting PCD	235	mm
Outer Ring Mounting PCD	280	mm

Dimensional & Integration Overview

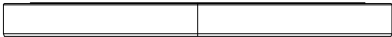
Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	295	mm
Mass	5.1	kg
Bearing Width	25.4	mm
Shaft Diameter	220	mm
Minimum Chamfer Radius	1.5	mm
Inner Ring Diameter	220	mm

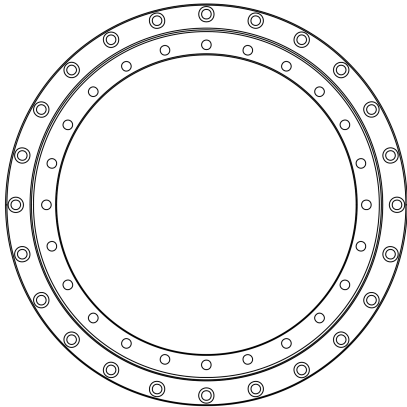
Dimensional Drawings



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.