

PRODUCT DATASHEET

ES-BR-C27-S011-V008

180 mm Precision Transmission Component

Precision Crossed Roller Bearings | Precision Crossed Roller Bearing Platform 06 Series

Product Overview

180 mm Precision Transmission Component with body Outer Diameter 180 mm, radial Dynamic Load Rating 27 kN and mass 0.68 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	180	mm
Radial Dynamic Load Rating	27	kN
Mass	0.68	kg
Bearing Width	13	mm
Minimum Chamfer Radius	2	mm
Inner Ring Diameter	150	mm
Pitch Circle Diameter	163.3	mm
Radial Static Load Rating	53.5	kN
Shaft Diameter	150	mm

Technical Specifications

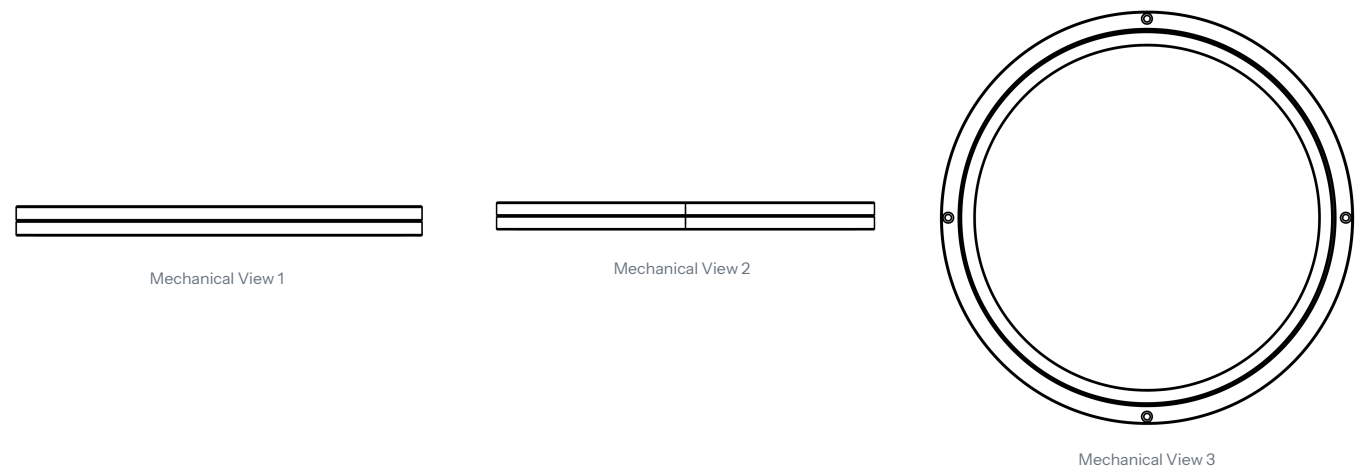
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	27	kN
Radial Static Load Rating	53.5	kN
MECHANICAL		
Body Outer Diameter	180	mm
Mass	0.68	kg
Bearing Width	13	mm
Shaft Diameter	150	mm
Minimum Chamfer Radius	2	mm
Pitch Circle Diameter	163.3	mm
Shoulder Diameter Dh	172	mm
Inner Ring Diameter	150	mm
Shoulder Diameter ds	157	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	180	mm
Mass	0.68	kg
Bearing Width	13	mm
Shaft Diameter	150	mm
Minimum Chamfer Radius	2	mm
Pitch Circle Diameter	163.3	mm

Dimensional Drawings



[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.