

PRODUCT DATASHEET

ES-BR-C27-S011-V028

80 mm Precision Transmission Component

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

Product Overview

80 mm Precision Transmission Component with body Outer Diameter 80 mm, radial Dynamic Load Rating 16.7 kN and mass 0.27 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	80	mm
Radial Dynamic Load Rating	16.7	kN
Mass	0.27	kg
Bearing Width	13	mm
Minimum Chamfer Radius	0.6	mm
Inner Ring Diameter	50	mm
Pitch Circle Diameter	64	mm
Radial Static Load Rating	20.9	kN
Shaft Diameter	50	mm

Technical Specifications

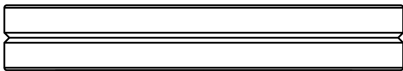
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	16.7	kN
Radial Static Load Rating	20.9	kN
MECHANICAL		
Body Outer Diameter	80	mm
Mass	0.27	kg
Bearing Width	13	mm
Shaft Diameter	50	mm
Minimum Chamfer Radius	0.6	mm
Pitch Circle Diameter	64	mm
Shoulder Diameter Dh	72	mm
Inner Ring Diameter	50	mm
Shoulder Diameter ds	57.4	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	80	mm
Mass	0.27	kg
Bearing Width	13	mm
Shaft Diameter	50	mm
Minimum Chamfer Radius	0.6	mm
Pitch Circle Diameter	64	mm

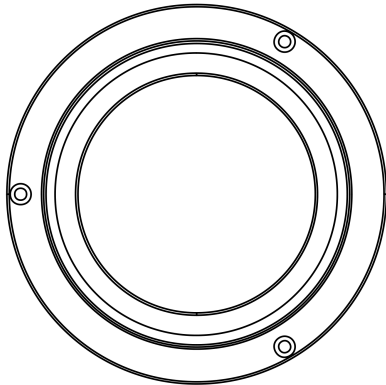
Dimensional Drawings



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.