

PRODUCT DATASHEET

ES-BR-C27-S011-V021

400 mm Precision Transmission Component

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

Product Overview

400 mm Precision Transmission Component with body Outer Diameter 400 mm, radial Dynamic Load Rating 54.1 kN and mass 3.9 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	400	mm
Radial Dynamic Load Rating	54.1	kN
Mass	3.9	kg
Bearing Width	20	mm
Minimum Chamfer Radius	3.5	mm
Inner Ring Diameter	350	mm
Pitch Circle Diameter	373	mm
Radial Static Load Rating	143	kN
Shaft Diameter	350	mm

Technical Specifications

PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	54.1	kN
Radial Static Load Rating	143	kN
MECHANICAL		
Body Outer Diameter	400	mm
Mass	3.9	kg
Bearing Width	20	mm
Shaft Diameter	350	mm
Minimum Chamfer Radius	3.5	mm
Pitch Circle Diameter	373	mm
Shoulder Diameter Dh	383	mm
Inner Ring Diameter	350	mm
Shoulder Diameter ds	363	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	400	mm
Mass	3.9	kg
Bearing Width	20	mm
Shaft Diameter	350	mm
Minimum Chamfer Radius	3.5	mm
Pitch Circle Diameter	373	mm

Dimensional Drawings



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Specifications are subject to change without notice. Verify the current product configuration before final design release.
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2D drawings, CAD files and integration documentation are controlled documents and are supplied separately on request.