PRODUCT DATASHEET

ES-BR-C27-S011-V010

220 mm Precision Transmission Component

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

Product Overview

220 mm Precision Transmission Component with body Outer Diameter 220 mm, radial Dynamic Load Rating 29 kN and mass 2.21 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	220	mm
Radial Dynamic Load Rating	29	kN
Mass	2.21	kg
Bearing Width	20	mm
Minimum Chamfer Radius	2	mm
Inner Ring Diameter	170	mm
Pitch Circle Diameter	191	mm
Radial Static Load Rating	62.1	kN
Shaft Diameter	170	mm

Technical Specifications

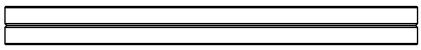
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	29	kN
Radial Static Load Rating	62.1	kN
MECHANICAL		
Body Outer Diameter	220	mm
Mass	2.21	kg
Bearing Width	20	mm
Shaft Diameter	170	mm
Minimum Chamfer Radius	2	mm
Pitch Circle Diameter	191	mm
Shoulder Diameter Dh	198	mm
Inner Ring Diameter	170	mm
Shoulder Diameter ds	184	mm

Dimensional & Integration Overview

Mechanical Overview

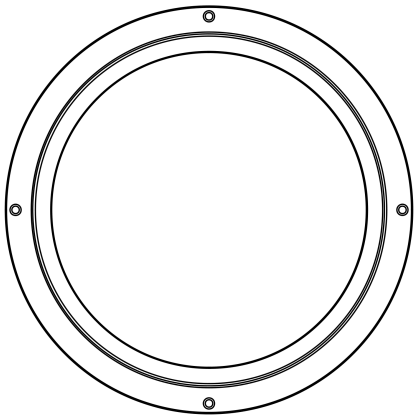
PARAMETER	VALUE	UNIT
Body Outer Diameter	220	mm
Mass	2.21	kg
Bearing Width	20	mm
Shaft Diameter	170	mm
Minimum Chamfer Radius	2	mm
Pitch Circle Diameter	191	mm

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.