PRODUCT DATASHEET

ES-BR-C27-S011-V009

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 81.7 kN and mass 3.14 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	220	mm
Radial Dynamic Load Rating	81.7	kN
Mass	3.14	kg
Bearing Width	25	mm
Minimum Chamfer Radius	2	mm
Inner Ring Diameter	160	mm
Pitch Circle Diameter	188	mm
Radial Static Load Rating	135	kN
Shaft Diameter	160	mm

Technical Specifications

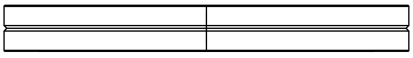
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	81.7	kN
Radial Static Load Rating	135	kN
MECHANICAL		
Body Outer Diameter	220	mm
Mass	3.14	kg
Bearing Width	25	mm
Shaft Diameter	160	mm
Minimum Chamfer Radius	2	mm
Pitch Circle Diameter	188	mm
Shoulder Diameter Dh	204	mm
Inner Ring Diameter	160	mm
Shoulder Diameter ds	173	mm

Dimensional & Integration Overview

Mechanical Overview

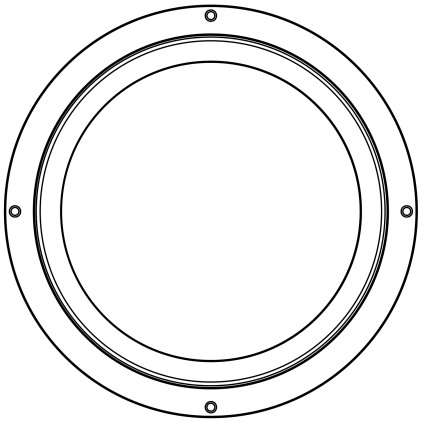
PARAMETER	VALUE	UNIT
Body Outer Diameter	220	mm
Mass	3.14	kg
Bearing Width	25	mm
Shaft Diameter	160	mm
Minimum Chamfer Radius	2	mm
Pitch Circle Diameter	188	mm

Dimensional Drawings



Mechanical View 1

Mechanical View 2



Mechanical View 3

2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 2	Vertical dimension Y	Not specified

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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.