

PRODUCT DATASHEET

ES-BR-C27-S006-V003

240 mm Precision Transmission Component

Precision Crossed Roller Bearings | Precision Crossed Roller Bearing Series

Product Overview

240 mm Precision Transmission Component with body Outer Diameter 240 mm, radial Dynamic Load Rating 80.3 kN and mass 6.8 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	240	mm
Radial Dynamic Load Rating	80.3	kN
Mass	6.8	kg
Bearing Width	28	mm
Minimum Chamfer Radius	1.5	mm
Inner Ring Diameter	115	mm
Inner Ring Mounting PCD	139	mm
Outer Ring Mounting PCD	217	mm
Pitch Circle Diameter	178	mm

Technical Specifications

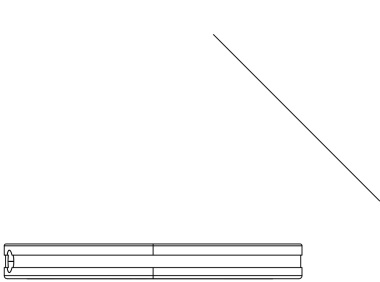
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	80.3	kN
Radial Static Load Rating	135	kN
MECHANICAL		
Body Outer Diameter	240	mm
Mass	6.8	kg
Bearing Width	28	mm
Shaft Diameter	115	mm
Minimum Chamfer Radius	1.5	mm
Pitch Circle Diameter	178	mm
Shoulder Diameter Dh	195	mm
Inner Ring Diameter	115	mm
Shoulder Diameter ds	161	mm
INTEGRATION		
Inner Ring Mounting PCD	139	mm
Outer Ring Mounting PCD	217	mm

Dimensional & Integration Overview

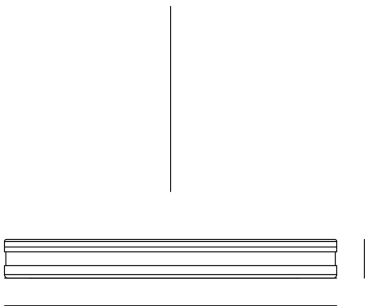
Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	240	mm
Mass	6.8	kg
Bearing Width	28	mm
Shaft Diameter	115	mm
Minimum Chamfer Radius	1.5	mm
Pitch Circle Diameter	178	mm

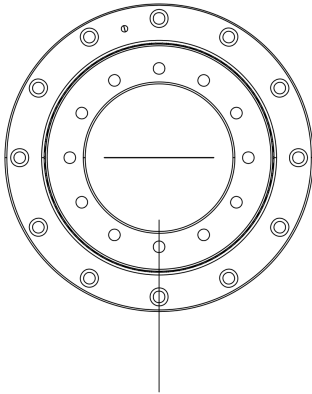
Dimensional Drawings



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.