

PRODUCT DATASHEET

ES-BR-C27-S011-V023

480 mm Precision Transmission Component

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

Product Overview

480 mm Precision Transmission Component with body Outer Diameter 480 mm, radial Dynamic Load Rating 156 kN and mass 14.5 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	480	mm
Radial Dynamic Load Rating	156	kN
Mass	14.5	kg
Bearing Width	35	mm
Minimum Chamfer Radius	1.5	mm
Inner Ring Diameter	400	mm
Pitch Circle Diameter	437	mm
Radial Static Load Rating	370	kN
Shaft Diameter	400	mm

Technical Specifications

PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	156	kN
Radial Static Load Rating	370	kN
MECHANICAL		
Body Outer Diameter	480	mm
Mass	14.5	kg
Bearing Width	35	mm
Shaft Diameter	400	mm
Minimum Chamfer Radius	1.5	mm
Pitch Circle Diameter	437	mm
Shoulder Diameter Dh	459	mm
Inner Ring Diameter	400	mm
Shoulder Diameter ds	422	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	480	mm
Mass	14.5	kg
Bearing Width	35	mm
Shaft Diameter	400	mm
Minimum Chamfer Radius	1.5	mm
Pitch Circle Diameter	437	mm

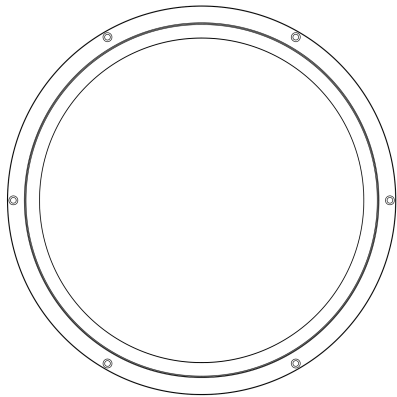
Dimensional Drawings



Mechanical View 1



Mechanical View 2



Mechanical View 3

2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 3	Flange outer diameter annotation	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.