

PRODUCT DATASHEET

ES-BR-C27-S011-V006

160 mm Precision Transmission Component

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

Product Overview

160 mm Precision Transmission Component with body Outer Diameter 160 mm, radial Dynamic Load Rating 25 kN and mass 0.72 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	160	mm
Radial Dynamic Load Rating	25	kN
Mass	0.72	kg
Bearing Width	15	mm
Minimum Chamfer Radius	2	mm
Inner Ring Diameter	130	mm
Pitch Circle Diameter	142.8	mm
Radial Static Load Rating	46.7	kN
Shaft Diameter	130	mm

Technical Specifications

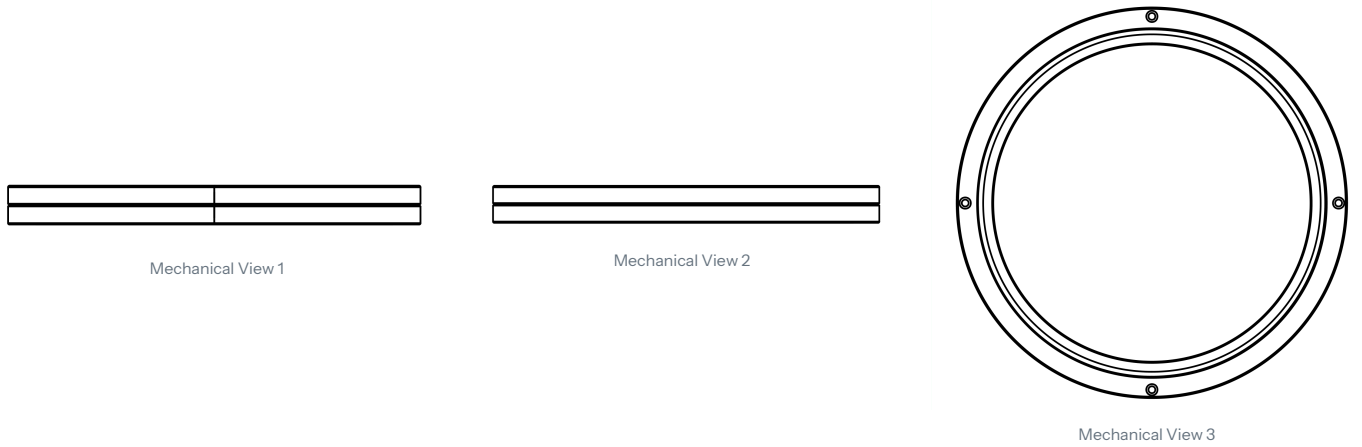
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	25	kN
Radial Static Load Rating	46.7	kN
MECHANICAL		
Body Outer Diameter	160	mm
Mass	0.72	kg
Bearing Width	15	mm
Shaft Diameter	130	mm
Minimum Chamfer Radius	2	mm
Pitch Circle Diameter	142.8	mm
Shoulder Diameter Dh	152	mm
Inner Ring Diameter	130	mm
Shoulder Diameter ds	137	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	160	mm
Mass	0.72	kg
Bearing Width	15	mm
Shaft Diameter	130	mm
Minimum Chamfer Radius	2	mm
Pitch Circle Diameter	142.8	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.