

PRODUCT DATASHEET

ES-BR-C27-S011-V036

130 mm Precision Transmission Component

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

Product Overview

130 mm Precision Transmission Component with body Outer Diameter 130 mm, radial Dynamic Load Rating 31.4 kN and mass 0.75 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	130	mm
Radial Dynamic Load Rating	31.4	kN
Mass	0.75	kg
Bearing Width	16	mm
Minimum Chamfer Radius	1.5	mm
Inner Ring Diameter	90	mm
Pitch Circle Diameter	107	mm
Radial Static Load Rating	45.3	kN
Shaft Diameter	90	mm

Technical Specifications

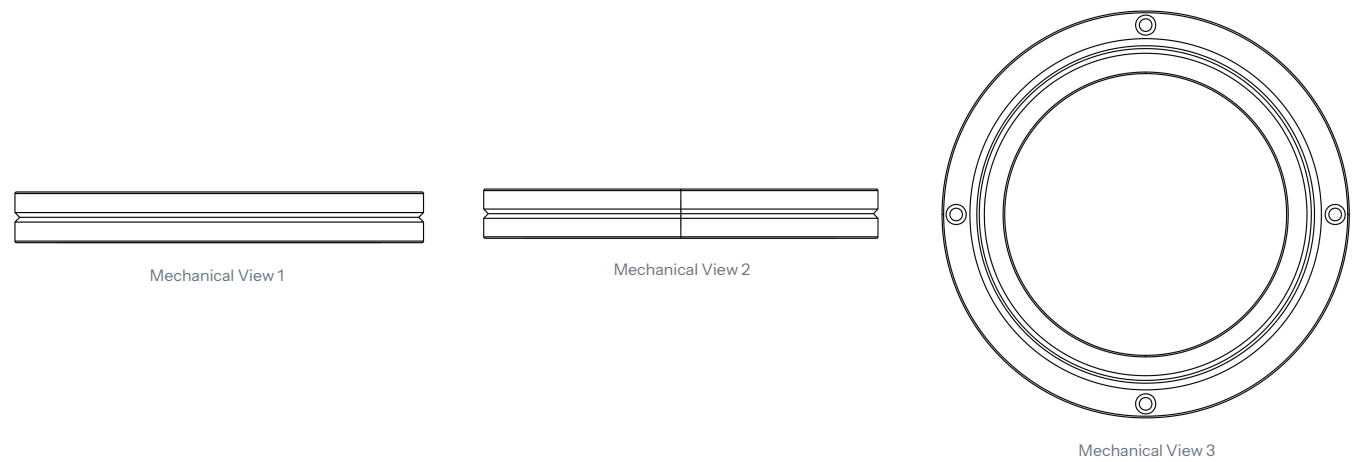
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	31.4	kN
Radial Static Load Rating	45.3	kN
MECHANICAL		
Body Outer Diameter	130	mm
Mass	0.75	kg
Bearing Width	16	mm
Shaft Diameter	90	mm
Minimum Chamfer Radius	1.5	mm
Pitch Circle Diameter	107	mm
Shoulder Diameter Dh	118	mm
Inner Ring Diameter	90	mm
Shoulder Diameter ds	98	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	130	mm
Mass	0.75	kg
Bearing Width	16	mm
Shaft Diameter	90	mm
Minimum Chamfer Radius	1.5	mm
Pitch Circle Diameter	107	mm

Dimensional Drawings



2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 3	Mounting hole marker - top	Mounting hole indicated
	Mounting hole marker - left	
	Mounting hole marker - right	
	Mounting hole marker - bottom	

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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.