PRODUCT DATASHEET

ES-BR-C27-S011-V002

140 mm Precision Transmission Component

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

Product Overview

140 mm Precision Transmission Component with body Outer Diameter 140 mm, radial Dynamic Load Rating 31.7 kN and mass 0.83 kg.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	140	mm
Radial Dynamic Load Rating	31.7	kN
Mass	0.83	kg
Bearing Width	16	mm
Minimum Chamfer Radius	1.5	mm
Inner Ring Diameter	100	mm
Pitch Circle Diameter	117	mm
Radial Static Load Rating	48.6	kN
Shaft Diameter	100	mm

Technical Specifications

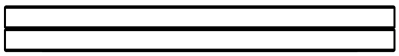
PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Radial Dynamic Load Rating	31.7	kN
Radial Static Load Rating	48.6	kN
MECHANICAL		
Body Outer Diameter	140	mm
Mass	0.83	kg
Bearing Width	16	mm
Shaft Diameter	100	mm
Minimum Chamfer Radius	1.5	mm
Pitch Circle Diameter	117	mm
Shoulder Diameter Dh	129	mm
Inner Ring Diameter	100	mm
Shoulder Diameter ds	109	mm

Dimensional & Integration Overview

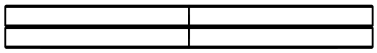
Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	140	mm
Mass	0.83	kg
Bearing Width	16	mm
Shaft Diameter	100	mm
Minimum Chamfer Radius	1.5	mm
Pitch Circle Diameter	117	mm

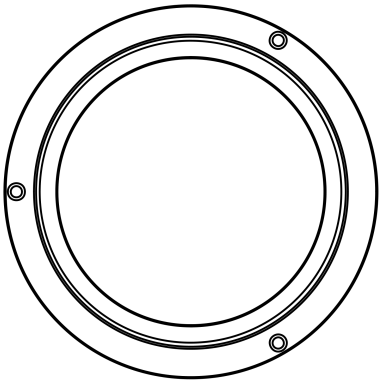
Dimensional Drawings



Mechanical View 1



Mechanical View 2



Mechanical View 3

View Product Online Request Engineering Data Request a Quote

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.