

PRODUCT DATASHEET

ES-BR-C27-S008-V008

234 mm Precision Transmission Component

Precision Crossed Roller Bearings | Precision Crossed Roller Bearing Platform 03 Series

Product Overview

234 mm Precision Transmission Component with body Outer Diameter 234 mm, axial Dynamic Load Rating 105 kN and radial Dynamic Load Rating 75 kN.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	234	mm
Axial Dynamic Load Rating	105	kN
Radial Dynamic Load Rating	75	kN
Mass	7	kg
Axial Static Load Rating	194	kN
Bearing Width	35	mm
Inner Ring Diameter	124.5	mm
Inner Ring Mounting Holes	12-Ø11	
Inner Ring Mounting PCD	144.5	mm

Technical Specifications

PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Axial Dynamic Load Rating	105	kN
Radial Dynamic Load Rating	75	kN
Axial Static Load Rating	194	kN
Radial Static Load Rating	95	kN
MECHANICAL		
Body Outer Diameter	234	mm
Mass	7	kg
Bearing Width	35	mm
Pitch Circle Diameter	179	mm
Inner Ring Diameter	124.5	mm
INTEGRATION		
Outer Ring Mounting Holes	12-Ø11	
Inner Ring Mounting PCD	144.5	mm
Outer Ring Mounting PCD	214	mm
Inner Ring Mounting Holes	12-Ø11	

Dimensional & Integration Overview

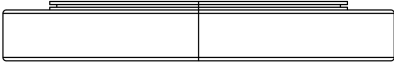
Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	234	mm
Mass	7	kg
Bearing Width	35	mm
Pitch Circle Diameter	179	mm
Inner Ring Diameter	124.5	mm
Outer Ring Mounting Holes	12-Ø11	

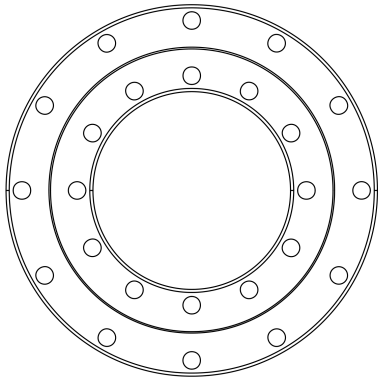
Dimensional Drawings



Mechanical View 1



Mechanical View 2



Mechanical View 3

2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 2	Mounting slot depth	5
Mechanical View 3	Datum C	

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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.