PRODUCT DATASHEET

ES-BR-C27-S014-V011

914 mm Precision Transmission Component

Precision Crossed Roller Bearings | Precision Crossed Roller Bearing Platform 09 Series

Product Overview

914 mm Precision Transmission Component with body Outer Diameter 914 mm, axial Dynamic Load Rating 340 kN and radial Dynamic Load Rating 215 kN.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	914	mm
Axial Dynamic Load Rating	340	kN
Radial Dynamic Load Rating	215	kN
Mass	60	kg
Axial Static Load Rating	1050	kN
Bearing Width	56	mm
Minimum Chamfer Radius	3	mm
Inner Ring Diameter	774	mm
Inner Ring Mounting PCD	798	mm

Technical Specifications

PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Axial Dynamic Load Rating	340	kN
Radial Dynamic Load Rating	215	kN
Axial Static Load Rating	1050	kN
Radial Static Load Rating	510	kN
MECHANICAL		
Body Outer Diameter	914	mm
Mass	60	kg
Bearing Width	56	mm
Shaft Diameter	774	mm
Minimum Chamfer Radius	3	mm
Inner Ring Diameter	774	mm
INTEGRATION		
Outer Ring Mounting Holes	40	
Inner Ring Mounting PCD	798	mm
Outer Ring Mounting PCD	890	mm

Dimensional & Integration Overview

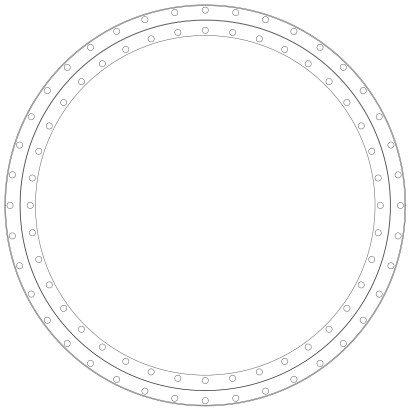
Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	914	mm
Mass	60	kg
Bearing Width	56	mm
Shaft Diameter	774	mm
Minimum Chamfer Radius	3	mm
Inner Ring Diameter	774	mm

Dimensional Drawings

Mechanical View 1

Mechanical View 2



Mechanical View 3

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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.