

PRODUCT DATASHEET

ES-BR-C27-S014-V006

435 mm Precision Transmission Component

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

Product Overview

435 mm Precision Transmission Component with body Outer Diameter 435 mm, axial Dynamic Load Rating 106 kN and radial Dynamic Load Rating 68 kN.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	435	mm
Axial Dynamic Load Rating	106	kN
Radial Dynamic Load Rating	68	kN
Mass	7.8	kg
Axial Static Load Rating	590	kN
Bearing Width	25.4	mm
Minimum Chamfer Radius	2	mm
Inner Ring Diameter	360	mm
Inner Ring Mounting PCD	375	mm

Technical Specifications

PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Axial Dynamic Load Rating	106	kN
Radial Dynamic Load Rating	68	kN
Limiting Speed	96	r/min
Axial Static Load Rating	590	kN
Radial Static Load Rating	236	kN
MECHANICAL		
Body Outer Diameter	435	mm
Mass	7.8	kg
Bearing Width	25.4	mm
Shaft Diameter	360	mm
Minimum Chamfer Radius	2	mm
Inner Ring Diameter	360	mm
INTEGRATION		
Outer Ring Mounting Holes	36	
Inner Ring Mounting PCD	375	mm
Outer Ring Mounting PCD	420	mm

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	435	mm
Mass	7.8	kg
Bearing Width	25.4	mm
Shaft Diameter	360	mm
Minimum Chamfer Radius	2	mm
Inner Ring Diameter	360	mm

Dimensional Drawings



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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.