

PRODUCT DATASHEET

ES-BR-C29-S003-V008

385 mm Precision Transmission Component

Rotary Table Bearings | ES-BR-RT01 Rotary Table Bearing Series

Product Overview

385 mm Precision Transmission Component with body Outer Diameter 385 mm, axial Dynamic Load Rating 160 kN and radial Dynamic Load Rating 93 kN.

Key Specifications

PARAMETER	VALUE	UNIT
Body Outer Diameter	385	mm
Axial Dynamic Load Rating	160	kN
Radial Dynamic Load Rating	93	kN
Mass	18.3	kg
Axial Static Load Rating	1060	kN
Extraction Thread	M12	
Extraction Thread Hole Count	3	
Friction Torque	20	N·m
Inner Ring Counterbore Diameter	15	mm

Technical Specifications

PARAMETER	SPECIFICATION	UNIT
PERFORMANCE		
Axial Dynamic Load Rating	160	kN
Radial Dynamic Load Rating	93	kN
Friction Torque	20	N·m
Limiting Speed	200	r/min
Rotation Accuracy P2	3	μm
Axial Static Load Rating	1060	kN
Radial Static Load Rating	290	kN
Rotation Accuracy P4	6	μm
MECHANICAL		
Body Outer Diameter	385	mm
Mass	18.3	kg
Inner Ring Height H	36.5	mm
Inner Ring Diameter	260	mm

Technical Specifications

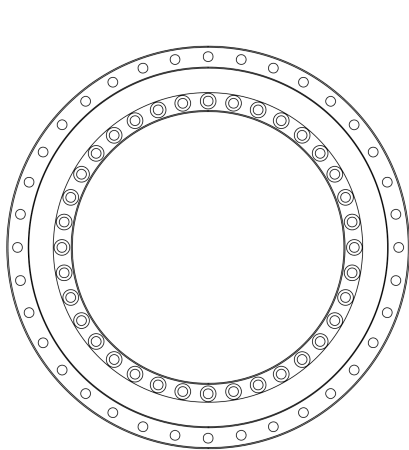
PARAMETER	SPECIFICATION	UNIT
INTEGRATION		
Extraction Thread Hole Count	3	
Inner Ring Mounting Hole Count	34	
Inner Ring Mounting Hole Diameter	9.3	mm
Mounting Screw Specification	36×10°	
Tightening Torque	34	Nm
Inner Ring Counterbore Diameter	15	mm
Outer Ring Mounting Hole Diameter	9.3	mm
Inner Ring Hole Pitch	8.2	mm
Extraction Thread	M12	
Outer Ring Mounting Hole Count	33	
Inner Ring Lifting Hole Count	2	

Dimensional & Integration Overview

Mechanical Overview

PARAMETER	VALUE	UNIT
Body Outer Diameter	385	mm
Mass	18.3	kg
Inner Ring Height H	36.5	mm
Inner Ring Diameter	260	mm
Inner Ring Mounting Hole Count	34	
Inner Ring Mounting Hole Diameter	9.3	mm

Dimensional Drawings



Mechanical View 1



Mechanical View 2



Mechanical View 3

2D Drawing Dimensions & Callouts

VIEW	FIELD	VALUE
Mechanical View 3	Unspecified dimension	8

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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.