

C 3036/C3CARB toroidal roller bearing

CARB toroidal roller bearing

CARB toroidal roller bearings are unique: as well as accommodating misalignment without increased stress levels, they also provide frictionless axial movement within the bearing in the non-locating position in self-aligning bearing arrangements. Being SKF Explorer bearings, they can accommodate higher load levels and provide significantly extended service life.

- Accommodate misalignment and axial displacement within the bearing
- High radial load carrying capacity
- Provide frictionless axial movement
- Long bearing system life
- Reduce noise and vibration levels

Overview

Dimensions

Bore diameter	180 mm
Outside diameter	280 mm
Width	74 mm

Performance

Basic dynamic load rating	880 kN
Basic static load rating	1 340 kN
Reference speed	2 000 r/min
Limiting speed	2 600 r/min
SKF performance class	SKF Explorer

Properties

Number of rows	1
Locating feature, bearing outer ring	Without
Bore type	Cylindrical
Cage	Sheet metal
Radial internal clearance	C3
Tolerance class	Normal
Sealing	Without
Lubricant	None
Relubrication feature	Without

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