

C 2214 TN9/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	70 mm
Outside diameter	125 mm
Width	31 mm

Performance

Basic dynamic load rating	186 kN
Basic static load rating	196 kN
Reference speed	5 000 r/min
Limiting speed	7 000 r/min
SKF performance class	SKF Explorer

Properties

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

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