

C 2220/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 | 100 mm |
| Outside diameter | 180 mm |
| Width | 46 mm |

Performance

| | |
|---------------------------|--------------|
| Basic dynamic load rating | 415 kN |
| Basic static load rating | 465 kN |
| Reference speed | 3 600 r/min |
| Limiting speed | 4 800 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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