

# C 2212 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    | 60 mm  |
| Outside diameter | 110 mm |
| Width            | 28 mm  |

### Performance

|                           |              |
|---------------------------|--------------|
| Basic dynamic load rating | 143 kN       |
| Basic static load rating  | 156 kN       |
| Reference speed           | 5 600 r/min  |
| Limiting speed            | 7 500 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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