

Image may differ from product. See technical specification for details.

# C 3040/C3

## 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 | 200 mm |
| Outside diameter | 310 mm |
| Width | 82 mm |

## Performance

| | |
|---|---|
| Basic dynamic load rating | 1 120 kN |
| Basic static load rating | 1 730 kN |
| Reference speed | 1 700 r/min |
| Limiting speed | 2 400 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 |
| Candidate for remanufacturing | Yes |
| Indicative carbon footprint for new product | 82.6 kg $CO_2e$ |
| Indicative carbon footprint for remanufactured product | 27.5 kg $CO_2e$ |

## Logistics

| | |
|---|---|
| Product net weight | 22.3 kg |
| eClass code | 23-05-09-13 |
| UNSPSC code | 31171505 |

# Terms of use