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C 3140/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	340 mm
Width	112 mm

Performance

Basic dynamic load rating	1 600 kN
Basic static load rating	2 320 kN
Reference speed	1 500 r/min
Limiting speed	2 000 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	149 kg CO_2e
Indicative carbon footprint for remanufactured product	49.7 kg CO_2e

Logistics

Product net weight	40.4 kg
eClass code	23-05-09-13
UNSPSC code	31171505

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