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24022 CC/C3W33

Spherical roller bearing with relubrication features

Spherical roller bearings can accommodate heavy loads in both directions. They are self-aligning and accommodate misalignment and shaft deflections, with virtually no increase in friction or temperature. The design includes features to facilitate relubrication. The bearings can be used in a modular system, including housings, sleeves and nuts. Also available on request with special sized bore and/or outside diameters, suitable for reworked shafts and housings.

- Accommodate misalignment
- High load carrying capacity
- Relubrication features
- Low friction and long service life
- Increased wear resistance

Overview

Dimensions

Bore diameter	110 mm
Outside diameter	170 mm
Width	60 mm

Performance

Basic dynamic load rating	437 kN
Basic static load rating	620 kN
Reference speed	2 400 r/min
Limiting speed	3 600 r/min
SKF performance class	SKF Explorer

Properties

Number of rows	2
Locating feature, bearing outer ring	Without
Bore type	Cylindrical
Cage	Sheet metal
Radial internal clearance	C3
Tolerance class for dimensions	Normal
Tolerance class for run-out	P5
Sealing	Without
Lubricant	None
Relubrication feature	With
Candidate for remanufacturing	Yes
Indicative carbon footprint for new product	18.1 kg CO_2e
Indicative carbon footprint for remanufactured product	6 kg CO_2e

Logistics

Product net weight	4.88 kg
eClass code	23-05-09-11
UNSPSC code	31171510

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