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24184 ECA/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.

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

Overview

Dimensions

Bore diameter	16.5354 in
Outside diameter	27.5591 in
Width	11.0236 in

Performance

Basic dynamic load rating	1 703 377 lbf
Basic static load rating	2 810 112 lbf
Reference speed	320 r/min
Limiting speed	480 r/min
SKF performance class	SKF Explorer

Properties

Number of rows	2
Locating feature, bearing outer ring	Without
Bore type	Cylindrical
Cage	Machined brass
Radial internal clearance	C3
Tolerance class for dimensions	Normal
Tolerance class for run-out	Normal
Sealing	Without
Lubricant	None
Relubrication feature	With
Candidate for remanufacturing	Yes
Indicative carbon footprint for new product	3 413 lb CO_2e
Indicative carbon footprint for remanufactured product	1 194 lb CO_2e

Logistics

Product net weight	948 lb
eClass code	23-05-09-11
UNSPSC code	31171510

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