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23172 CACK/C083W507

Spherical roller bearing with tapered bore and 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	14.1732 in
Outside diameter	23.622 in
Width	7.5591 in

Performance

Basic dynamic load rating	1 015 012 lbf
Basic static load rating	1 562 422 lbf
Reference speed	750 r/min
Limiting speed	1 000 r/min
SKF performance class	SKF Explorer

Properties

Number of rows	2
Locating feature, bearing outer ring	Without
Bore type	Tapered 1:12
Cage	Machined brass
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	1 667 lb CO_2e
Indicative carbon footprint for remanufactured product	583 lb CO_2e

Logistics

Product net weight	463 lb
eClass code	23-05-09-11
UNSPSC code	31171510

Compatible products

Recommended product

Withdrawal sleeve, for oil injection, ISO standards	AOH 3172 G
Adapter sleeve for oil injection mounting with HM lock nut and MS locking clip, metric dimensions	OH 3172 H
Adapter sleeve for oil injection mounting with KMFE lock nut, metric dimensions	OH 3172 HE

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