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452324 M2/W502

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	4.7244 in
Outside diameter	10.2362 in
Width	3.3858 in

Performance

Basic dynamic load rating	189 964 lbf
Basic static load rating	251 786 lbf
Reference speed	1 800 r/min
Limiting speed	2 600 r/min

Properties

Number of rows	2
Locating feature, bearing outer ring	Without
Bore type	Cylindrical
Cage	Machined brass
Radial internal clearance	C4
Tolerance class for dimensions	Contact SKF
Tolerance class for run-out	Normal
Sealing	Without
Lubricant	None
Relubrication feature	With
Candidate for remanufacturing	Yes
Indicative carbon footprint for new product	177 lb CO_2e
Indicative carbon footprint for remanufactured product	61.9 lb CO_2e

Logistics

Product net weight	49.2 lb
eClass code	23-05-09-11
UNSPSC code	31171510

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