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452319 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	3.7402 in
Outside diameter	7.874 in
Width	2.6378 in

Performance

Basic dynamic load rating	116 451 lbf
Basic static load rating	150 622 lbf
Reference speed	2 400 r/min
Limiting speed	3 400 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
Indicative carbon footprint for new product	79.4 lb CO_2e

Logistics

Product net weight	22 lb
eClass code	23-05-09-11
UNSPSC code	31171510

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