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22310 EK/VA751

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	1.9685 in
Outside diameter	4.3307 in
Width	1.5748 in

Performance

Basic dynamic load rating	51 256 lbf
Basic static load rating	50 357 lbf
Reference speed	4 800 r/min
Limiting speed	6 300 r/min
SKF performance class	SKF Explorer

Properties

Number of rows	2
Locating feature, bearing outer ring	Without
Bore type	Tapered 1:12
Cage	Sheet metal
Radial internal clearance	Special
Tolerance class for dimensions	Normal
Tolerance class for run-out	P5
Sealing	Without
Lubricant	None
Relubrication feature	With
Indicative carbon footprint for new product	14.7 lb CO_2e

Logistics

Product net weight	4.08 lb
eClass code	23-05-09-11
UNSPSC code	31171510

Compatible products

Recommended product

Withdrawal sleeve, basic design, ISO standards	AHX 2310
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions	H 2310
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore	HA 2310
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore	HE 2310
Adapter sleeve with AN or N lock nut and W lock washer, inch dimensions	SNW 110X1.11/16

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