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22230 CCK/C4W33

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	5.9055 in
Outside diameter	10.6299 in
Width	2.874 in

Performance

Basic dynamic load rating	201 878 lbf
Basic static load rating	242 794 lbf
Reference speed	2 200 r/min
Limiting speed	3 000 r/min
SKF performance class	SKF Explorer

Properties

Number of rows	2
Locating feature, bearing outer ring	Without
Bore type	Tapered 1:12
Cage	Sheet metal
Radial internal clearance	C4
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	138 lb CO_2e
Indicative carbon footprint for remanufactured product	48.3 lb CO_2e

Logistics

Product net weight	38.3 lb
eClass code	23-05-09-11
UNSPSC code	31171510

Compatible products

Recommended product

Withdrawal sleeve, basic design, ISO standards	AHX 3130 G
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions	H 2330
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions	H 2330 L
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions	H 3130
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions	H 3130 L
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore	HA 2330
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore	HA 3130
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore	HA 3130 L
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore	HE 2330
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore	HE 3130
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore	HE 3130 L
Adapter sleeve with AN or N lock nut and W lock washer, inch dimensions	SNW 30X5.1/4
Adapter sleeve with AN or N lock nut and W lock washer, inch dimensions	SNW 30X5.3/16

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