



Image may differ from product. See technical specification for details.

## 22312 EK/C3

### 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

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Bore diameter	2.362 in
Outside diameter	5.118 in
Width	1.811 in

## Performance

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Basic dynamic load rating	73 063 lbf
Basic static load rating	75 311 lbf
Reference speed	4 000 r/min
Limiting speed	5 300 r/min
SKF performance class	SKF Explorer

## Properties

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Number of rows	2
Locating feature, bearing outer ring	Without
Bore type	Tapered 1:12
Cage	Sheet metal
Radial internal clearance	C3
Tolerance class	Normal
Tolerance class for dimensions	Normal
Tolerance class for run-out	P5
Sealing	Without
Lubricant	None
Relubrication feature	With

## Logistics

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Product net weight	6.31 lb
eClass code	23-05-09-11
UNSPSC code	31171510

## Compatible products

## Recommended product

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Withdrawal sleeve, basic design, ISO standards

[AHX 2312](#)

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Adapter sleeve with KM lock nut and MB lock washer, metric dimensions

[H 2312](#)

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