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22311 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

Bore diameter	55 mm
Outside diameter	120 mm
Width	43 mm

Performance

Basic dynamic load rating	280 kN
Basic static load rating	280 kN
Reference speed	4 300 r/min
Limiting speed	5 600 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	C3
Tolerance class for dimensions	Normal
Tolerance class for run-out	P5
Sealing	Without
Lubricant	None
Relubrication feature	With

Logistics

Product net weight	2.27 kg
eClass code	23-05-09-11
UNSPSC code	31171510

Compatible products

Recommended product

Withdrawal sleeve, basic design, ISO standards	AHX 2311
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions	H 2311
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore	HA 2311
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore	HE 2311 B
Adapter sleeve with AN or N lock nut and W lock washer, inch dimensions	SNW 111X1.15/16

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