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23138 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. Also available on request with special sized bore and/or outside diameters, suitable for reworked shafts and housings.

- Accommodate misalignment
- High load carrying capacity
- Relubrication features
- Low friction and long service life
- Increased wear resistance

Overview

Dimensions

Bore diameter	190 mm
Outside diameter	320 mm
Width	104 mm

Performance

Basic dynamic load rating	1 456 kN
Basic static load rating	2 080 kN
Reference speed	1 500 r/min
Limiting speed	2 000 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	122 kg CO_2e
Indicative carbon footprint for remanufactured product	40.6 kg CO_2e

Logistics

Product net weight	33 kg
eClass code	23-05-09-11
UNSPSC code	31171510

Compatible products

Recommended product

Withdrawal sleeve, basic design, ISO standards	AH 3138 G

Adapter sleeve with KM lock nut and MB lock washer, metric dimensions	H 3138
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions	H 3138 L
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore	HA 3138
Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore	HE 3138

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