

Image may differ from product. See specification for details.

# 23140 CCK/C3W33

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 | 7.874 in |
| Outside diameter | 13.3858 in |
| Width | 4.4094 in |

## Performance

| | |
|---|---|
| Basic dynamic load rating | 374 307 lbf |
| Basic static load rating | 530 549 lbf |
| Reference speed | 1 500 r/min |
| Limiting speed | 1 900 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 |
| Candidate for remanufacturing | Yes |
| Indicative carbon footprint for new product | 319 lb $CO_2e$ |
| Indicative carbon footprint for remanufactured product | 112 lb $CO_2e$ |

## Logistics

| | |
|---|---|
| Product net weight | 88.5 lb |
| eClass code | 23-05-09-11 |
| UNSPSC code | 31171510 |

# Compatible products

## Recommended product

| | |
|---|---|
| Withdrawal sleeve, basic design, ISO standards | AH 3140 |
| Adapter sleeve with KM lock nut and MB lock washer, metric dimensions | H 2340 |
| Adapter sleeve with KM lock nut and MB lock washer, metric dimensions | H 3140 |
| Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore | HA 3140 |
| Adapter sleeve with KM lock nut and MB lock washer, metric dimensions with inch bore | HE 3140 |

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