



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

24040-2CS5/VT143

Spherical roller bearing with integral sealing 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. Under normal operating conditions, sealed bearings are almost maintenance-free, keeping service costs and grease consumption low. The design includes features to facilitate relubrication. Also available on request with special sized bore and/or outside diameters, suitable for reworked shafts and housings.

- Accommodate misalignment up to 0.5 degree
- High load carrying capacity
- Sealed for increased reliability, with relubrication features
- Low friction and long service life
- Increased wear resistance

Overview

Dimensions

Bore diameter	200 mm
Outside diameter	310 mm
Width	109 mm

Properties

Number of rows	2
Locating feature, bearing outer ring	Without
Bore type	Cylindrical
Cage	Sheet metal
Radial internal clearance	CN
Tolerance class for dimensions	Normal
Tolerance class for run-out	P5
Sealing	Seal on both sides
Sealing type	Contact
Lubricant	Grease
Relubrication feature	With
Candidate for remanufacturing	Yes
Indicative carbon footprint for new product	111 kg CO ₂ e
Indicative carbon footprint for remanufactured product	36.9 kg CO ₂ e

Performance

Basic dynamic load rating	1 354 kN
Basic static load rating	2 120 kN
Limiting speed	610 r/min
SKF performance class	SKF Explorer

Logistics

Product net weight	30 kg
eClass code	23-05-09-11
UNSPSC code	31171510

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