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21307 CC/C3

Spherical roller bearing

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. They can be used in a modular system, including housings, sleeves and nuts.

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

Overview

Dimensions

Bore diameter	35 mm
Outside diameter	80 mm
Width	21 mm

Performance

Basic dynamic load rating	79.2 kN
Basic static load rating	72 kN
Reference speed	8 500 r/min
Limiting speed	12 000 r/min
SKF performance class	SKF Explorer

Properties

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

Logistics

Product net weight	0.533 kg
eClass code	23-05-09-11
UNSPSC code	31171510

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