



SKF 24160 CCK30/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.

Technical specifications

Dimensions	
Bore diameter	300 mm
Outside diameter	500 mm
Width	200 mm

Performance	
Basic dynamic load rating	3876 kN
Basic static load rating	6300 kN
Reference speed	560 r/min
Limiting speed	800 r/min
SKF performance class	SKF Explorer

Properties	
Number of rows	2
Locating feature, bearing outer ring	Without
Bore type	Tapered 1:30
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	558 kg CO ₂ e
Indicative carbon footprint for remanufactured product	195 kg CO ₂ e

Logistics	
Product net weight	155 kg
eClass code	23-05-09-11
UNSPSC code	31171510