



SKF 452324 M2/W502

Spherical roller bearing with 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	120 mm
Outside diameter	260 mm
Width	86 mm

Performance	
Basic dynamic load rating	845 kN
Basic static load rating	1120 kN
Reference speed	1800 r/min
Limiting speed	2600 r/min

Properties	
Number of rows	2
Locating feature, bearing outer ring	Without
Bore type	Cylindrical
Cage	Machined brass
Radial internal clearance	C4
Tolerance class for dimensions	Contact SKF
Tolerance class for run-out	Normal
Sealing	Without
Lubricant	None
Relubrication feature	With
Candidate for remanufacturing	Yes
Indicative carbon footprint for new product	80.3 kg CO ₂ e
Indicative carbon footprint for remanufactured product	28.1 kg CO ₂ e

Logistics	
Product net weight	22.3 kg
eClass code	23-05-09-11
UNSPSC code	31171510