



SKF L 555249/210

Single row tapered roller bearing

Single row tapered roller bearings are designed to accommodate combined radial and axial loads and provide low friction during operation. The inner ring, with rollers and cage, can be mounted separately from the outer ring. These separable and interchangeable components facilitate mounting, dismounting and maintenance. By mounting one single row tapered roller bearing against another and applying a preload, a rigid bearing application can be achieved.

Technical specifications

General	
Dimension series	L 555200
Dimensions	
Bore diameter	292.1 mm
Outside diameter	374.65 mm
Bearing width, total	47.625 mm
Shoulder diameter of inner ring	330.9 mm
Width of inner ring	47.625 mm
Width of outer ring	34.925 mm
Chamfer dimension of inner ring	3.5 mm
Chamfer dimension of outer ring	3.3 mm
Distance side face to pressure point	64.292 mm
Width, total	47.625 mm
Width, inner ring	47.625 mm
Width, outer ring	34.925 mm
Contact angle	15 °
Abutment dimensions	
Diameter of shaft abutment	310 mm
Diameter of shaft abutment	310 mm
Diameter of housing abutment	350 mm
Diameter of housing abutment	358 mm
Diameter of housing abutment	361 mm
Minimum width of space required in housing on large side face	9 mm
Minimum width of space required in housing on small side face	12.5 mm
Radius of shaft fillet	3.5 mm
Radius of housing fillet	3.3 mm
Calculation data	
Basic dynamic load rating	539 kN
Basic static load rating	1140 kN
Fatigue load limit	98 kN
Reference speed	1100 r/min
Limiting speed	1500 r/min
Limiting value	0.4
Calculation factor	1.5
Calculation factor	0.8
Performance	
Basic dynamic load rating	539 kN
Basic static load rating	1140 kN
Reference speed	1100 r/min
Limiting speed	1500 r/min
Properties	
Bearing part	Complete bearing
Number of rows	1

Locating feature, bearing outer ring	Without
Bore type	Cylindrical
Cage	Sheet metal
Arrangement of contact angle (double-row bearing)	Not applicable
Matched arrangement	No
Coating	Without
Sealing	Without
Lubricant	None
Relubrication feature	Without
Unit system	Inch
Candidate for remanufacturing	Yes
Indicative carbon footprint for new product	45.3 kg CO ₂ e
Indicative carbon footprint for remanufactured product	15.8 kg CO ₂ e

Logistics	
Product net weight	12.6 kg
eClass code	23-05-09-10
UNSPSC code	31171516

SKF drawings