



SKF HM 903249/2/210/2/Q

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

Dimensions	
Bore diameter	44.45 mm
Outside diameter	95.25 mm
Width, total	30.958 mm
Width, inner ring	28.575 mm
Width, outer ring	22.225 mm
Contact angle	26.3 °

Performance	
Basic dynamic load rating	101 kN
Basic static load rating	122 kN
Reference speed	4800 r/min
Limiting speed	7000 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
Indicative carbon footprint for new product	3.6 kg CO ₂

Logistics	
Product net weight	0.994 kg
eClass code	23-05-09-10
UNSPSC code	31171516