



SKF I-90233 XB/VQ045

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	25 mm
Outside diameter	52 mm
Width, total	19.25 mm
Width, inner ring	18 mm
Width, outer ring	15 mm
Contact angle	13 °

Performance	
Basic dynamic load rating	29.2 kN
Basic static load rating	32 kN
Reference speed	10000 r/min
Limiting speed	14000 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	Metric
Indicative carbon footprint for new product	0.62 kg CO ₂

Logistics	
Product net weight	0.173 kg
eClass code	23-05-09-10
UNSPSC code	31171516