



SKF YSA 207-2FK

Insert bearing with tapered bore and adapter sleeve locking

Insert bearings are based on sealed deep groove ball bearings. This variant, with a tapered bore, is suitable for applications with both constant and alternating directions of rotation. It is locked with an adapter sleeve, enabling quick and easy mounting onto the shaft. Adapter sleeve needs to be ordered separately.

Technical specifications

Dimensions	
Bore diameter of sleeve	30 mm
Outside diameter	72 mm
Width of sleeve	43 mm
Width of inner ring	30.5 mm
Width of outer ring	19 mm
Outside diameter of inner ring	46.1 mm
Outside diameter of lock nut	52 mm
Distance from locking device side face to raceway centre	24.45 mm
	Value specified for $s_{>1}$ is approximate and before the sleeve is driven into the bearing bore (sleeve and inner ring bore at starting position).
Shaft diameter	30 mm
Bore diameter	35 mm
Width, total	30.5 mm
Width, inner ring	30.5 mm
Width, outer ring	19 mm
Calculation data	
Basic dynamic load rating	25.5 kN
Basic static load rating	15.3 kN
Fatigue load limit	0.655 kN
Limiting speed	5300 r/min
Calculation factor	14
Mounting information	
Associated spanner	HN 7
Recommended tightening angle for lock nut	100 °
Associated products	
Rubber seating ring	RIS 207 A
Adapter sleeve	H 2307
Performance	
Basic dynamic load rating	25.5 kN
Basic static load rating	15.3 kN
Limiting speed	5300 r/min
Properties	
Retaining feature, inner ring	Adapter sleeve
Bore type	Tapered
Rolling elements	Balls
Outer ring type	Spherical
Inner ring extension	Symmetrically on both sides
Cage	Non-metallic
Rubber seating ring	Without
Material, bearing	Bearing steel

Coating	Without
Sealing	Seal and flinger on both sides
Sealing type	Contact, standard
Lubricant	Grease
Relubrication feature	With

Logistics	
Product net weight	0.357 kg
eClass code	23-05-08-02
UNSPSC code	31171536

SKF drawings

