



SKF YSP 208 SB-2F

Insert bearing with SKF ConCentra locking

Insert bearings are based on sealed deep groove ball bearings. This variant is suitable for applications with both constant and alternating directions of rotation, heavy loads and/or high speeds. It has an inner ring extended on both sides and uses SKF ConCentra locking technology, enabling quick and easy mounting onto the shaft.

Technical specifications

Dimensions	
Bore diameter of sleeve	40 mm
Outside diameter	80 mm
Overall bearing width	43.1 mm
Width of outer ring	21 mm
Outside diameter of inner ring	51.8 mm
Outside diameter of locking collar	62 mm
Distance from locking device side face to raceway centre	26.2 mm Values specified for B ₁ and s ₁ are approximate and before the set screw is tightened (sleeve and inner ring bore at starting position).
Shaft diameter	40 mm
Bore diameter	41.66 mm
Width, total	43.1 mm
Width, inner ring	33.9 mm
Width, outer ring	21 mm

Calculation data	
Basic dynamic load rating	30.7 kN
Basic static load rating	19 kN
Fatigue load limit	0.8 kN
Limiting speed	4800 r/min
Calculation factor	14

Mounting information	
Set screw	M6
Hexagonal key size for set screw	3.05 mm
Recommended tightening torque for set screw	7.4 N·m

Associated products	
Rubber seating ring	RIS 208 A

Performance	
Basic dynamic load rating	30.7 kN
Basic static load rating	19 kN
Limiting speed	4800 r/min

Properties	
Retaining feature, inner ring	SKF ConCentra
Bore type	Cylindrical
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	0.573 kg
eClass code	23-05-08-02
UNSPSC code	31171536

SKF drawings

