



SKF YSP 210 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	50 mm
Outside diameter	90 mm
Overall bearing width	46.2 mm
Width of outer ring	22 mm
Outside diameter of inner ring	62.51 mm
Outside diameter of locking collar	72 mm
Distance from locking device side face to raceway centre	27.7 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	50 mm
Bore diameter	51.66 mm
Width, total	46.2 mm
Width, inner ring	37 mm
Width, outer ring	22 mm

Calculation data	
Basic dynamic load rating	35.1 kN
Basic static load rating	23.2 kN
Fatigue load limit	0.98 kN
Limiting speed	4000 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 210 A

Performance	
Basic dynamic load rating	35.1 kN
Basic static load rating	23.2 kN
Limiting speed	4000 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	0.715 kg
eClass code	23-05-08-02
UNSPSC code	31171536

SKF drawings

