



SKF SAL 50 ES-2RS

Rod end, requires maintenance, sealed, male thread

These SKF rod ends contain a spherical plain bearing with a steel/steel sliding contact surface combination and a double-lip contact seal on both sides. The bearing requires maintenance and can be relubricated via a grease fitting in the housing and via the shaft. The male thread is available with a left- (prefix SAL) or a right-hand thread. Some sizes have different fitting dimensions (SA(L)A series).

Technical specifications

General	
Maintenance	Relubrication required
Sliding contact surface combination	Steel/steel, standard
Material, inner ring	Bearing steel
Material, outer ring	Bearing steel
Sealing	Seal on both sides
Sealing type	Double-lip
Attachment feature, rod end shank	Left-hand male thread

Dimensions	
Bore diameter	50 mm
Diameter head	114 mm
Width inner ring	35 mm
Thread	M 52x3
Width head	31 mm
Height shank end face - centre rod end eye	195 mm
Angle of tilt	6 °
Raceway diameter inner ring	66 mm
Length thread	110 mm
Length (height) housing	254 mm
Distance shank chamfer - centre rod end eye	58 mm
Chamfer dimension bore	0.6 mm
Bore diameter, bearing inner ring	50 mm
Outside diameter, housing eye	114 mm
Width, bearing inner ring	35 mm
Thread designation	M 52x3
Width, housing eye	31 mm
Centre height, housing (from end of shank)	195 mm
Housing length, total	254 mm

Calculation data	
Basic dynamic load rating	156 kN
Basic static load rating	245 kN
Specific dynamic load factor	100 N/mm ²
Material constant	330

Performance	
Basic dynamic load rating	156 kN
Basic static load rating	245 kN

Properties	
Sliding contact surface combination	Steel/steel, standard
Material, housing	Steel
Material, inner ring	Bearing steel
Material, outer ring	Bearing steel
Maintenance	Relubrication required
Attachment feature, rod end shank	Left-hand male thread
Sealing	Seal on both sides

Sealing type	Double-lip
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Logistics	
Product net weight	3.9 kg
eClass code	23-05-01-05
UNSPSC code	31171508

SKF drawings

