



SKF SIL 40 ES-2RS

Rod end, requires maintenance, female 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 female thread is available with a left- (prefix SIL) or right-hand thread. Some sizes have different fitting dimensions (SIA 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 female thread

Dimensions	
Bore diameter	40 mm
Diameter head	94 mm
Width inner ring	28 mm
Thread	M 42x3
Width head	24 mm
Height shank end face - centre rod end eye	145 mm
Angle of tilt	6 °
Raceway diameter inner ring	53 mm
Diameter shank	58 mm
Length thread	65 mm
Length (height) housing	194 mm
Length wrench flat	25 mm
Distance shank chamfer - centre rod end eye	40 mm
Size wrench	50 mm
Chamfer dimension bore	0.6 mm
Bore diameter, bearing inner ring	40 mm
Outside diameter, housing eye	94 mm
Width, bearing inner ring	28 mm
Thread designation	M 42x3
Width, housing eye	24 mm
Centre height, housing (from end of shank)	145 mm
Housing length, total	194 mm

Calculation data	
Basic dynamic load rating	100 kN
Basic static load rating	166 kN
Specific dynamic load factor	100 N/mm ²
Material constant	330

Performance	
Basic dynamic load rating	100 kN
Basic static load rating	166 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 female thread
Sealing	Seal on both sides
Sealing type	Double-lip

Logistics	
Product net weight	2.19 kg
eClass code	23-05-01-05
UNSPSC code	31171508

SKF drawings

