



SKF SIR 40 ES

Rod end, requires maintenance, female thread with clamping screws

These SKF rod ends contain a spherical plain bearing with a steel/steel sliding contact surface combination. The bearing requires maintenance and can be relubricated via grease fitting in the housing and via the shaft. The female thread is available with a left- (prefix SIL) or right-hand thread.

Technical specifications

General	
Maintenance	Relubrication required
Sliding contact surface combination	Steel/steel, standard
Material, inner ring	Bearing steel
Material, outer ring	Bearing steel
Sealing	Without
Attachment feature, rod end shank	Right-hand female thread and clamping screws

Dimensions	
Bore diameter	40 mm
Diameter head	96 mm
Width inner ring	28 mm
Thread	M 35x1.5
Width head	35.5 mm
Height shank end face - centre rod end eye	85 mm
Angle of tilt	7 °
Raceway diameter inner ring	53 mm
Housing diameter shank	50.5 mm
Length thread	36 mm
Length (height) housing	136 mm
Distance shank chamfer - centre rod end eye	44 mm
Width shank	76 mm
Thickness shank base for clamping bolts	34 mm
Chamfer dimension bore	0.6 mm
Bore diameter, bearing inner ring	40 mm
Outside diameter, housing eye	96 mm
Width, bearing inner ring	28 mm
Thread designation	M 35x1.5
Width, housing eye	35.5 mm
Centre height, housing (from end of shank)	85 mm
Housing length, total	136 mm

Bolts with internal hexagon	
Size bolt with internal hexagon	M 10
Tightening torque bolt with internal hexagon	48 N·m

Calculation data	
Basic dynamic load rating	100 kN
Basic static load rating	200 kN
Specific dynamic load factor	100 N/mm ²
Material constant	330

Performance	
Basic dynamic load rating	100 kN
Basic static load rating	200 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	Right-hand female thread and clamping screws
Sealing	Without

Logistics	
Product net weight	2.2 kg
eClass code	23-05-01-05
UNSPSC code	31171508

SKF drawings

