



SKF SI 20 ES

Rod end, requires maintenance, female thread

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 a lubrication hole 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

Dimensions	
Bore diameter	20 mm
Diameter head	54 mm
Width inner ring	16 mm
Thread	M 20x1.5
Width head	13.5 mm
Height shank end face - centre rod end eye	77 mm
Angle of tilt	9 °
Raceway diameter inner ring	29 mm
Diameter shank	28 mm
Length thread	30 mm
Length (height) housing	106 mm
Length wrench flat	16 mm
Distance shank chamfer - centre rod end eye	24 mm
Size wrench	24 mm
Chamfer dimension bore	0.3 mm
Bore diameter, bearing inner ring	20 mm
Outside diameter, housing eye	54 mm
Width, bearing inner ring	16 mm
Thread designation	M 20x1.5
Width, housing eye	13.5 mm
Centre height, housing (from end of shank)	77 mm
Housing length, total	106 mm

Calculation data	
Basic dynamic load rating	30 kN
Basic static load rating	57 kN
Specific dynamic load factor	100 N/mm ²
Material constant	330

Performance	
Basic dynamic load rating	30 kN
Basic static load rating	57 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
Sealing	Without

Logistics	
Product net weight	0.364 kg
eClass code	23-05-01-05
UNSPSC code	31171508

SKF drawings

