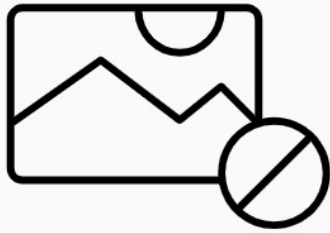


SIJ 30 ESRod end, requiring maintenance, female thread with clamping screws



Rod end, requiring 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, sizes 16 and larger can be relubricated via a lubrication hole or grease fitting in the housing and via the shaft. The female thread is available with a left- (prefix SIL) or right-hand thread.

- Easy to relubricate (sizes ≥ 16)
- Suitable for heavy static, alternating or impact loads
- Simple and ready-to-mount
- Slotted shank with clamping screws
- Suitable for hydraulic cylinders

Overview

Dimensions

Bore diameter, bearing inner ring	30 mm
Outside diameter, housing eye	80 mm
Width, bearing inner ring	22 mm
Thread designation	M 20x1.5
Width, housing eye	19 mm
Centre height, housing (from end of shank)	85 mm
Housing length, total	126 mm

Performance

Basic dynamic load rating	62 kN
Basic static load rating	112 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

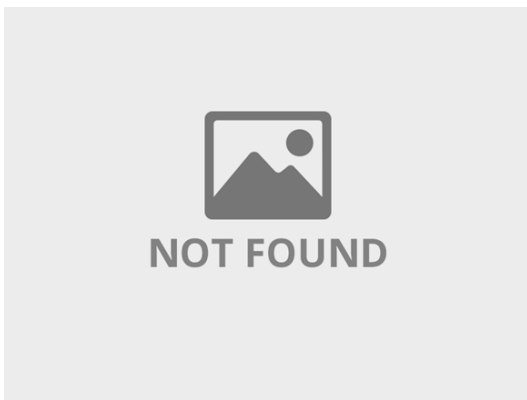
Right-hand female thread and
clamping screws

Sealing

Without

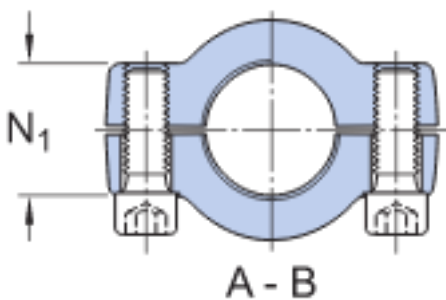
Technical Specification

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

d	30 mm	Bore diameter
d ₂	max. 80 mm	Diameter head
B	22 mm	Width inner ring
G	M 20x1.5	Thread
C ₁	max. 19 mm	Width head
h ₁	85 mm	Height shank end face - centre rod end eye
α	6 °	Angle of tilt
d _k	40.7 mm	Raceway diameter inner ring
d ₄	max. 36 mm	Housing diameter shank
l ₃	min. 29 mm	Length thread
l ₄	max. 126 mm	Length (height) housing
l ₇	min. 35 mm	Distance shank chamfer - centre rod end eye
N	max. 80 mm	Width shank
N ₁	max. 19 mm	Thickness shank base for clamping bolts
r ₁	min. 0.6 mm	Chamfer dimension bore



Bolts with internal hexagon

Size bolt with internal hexagon	M 10
Tightening torque bolt with internal hexagon	45 N·m

Calculation data

Basic dynamic load rating	C	62 kN
Basic static load rating	C_0	112 kN
Specific dynamic load factor	K	100 N/mm ²
Material constant	K_M	330

Mass

Mass rod end	1.35 kg
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