



# SIQG 63 ESRod end, requires maintenance, female thread with clamping screws

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 inner ring is extended on both sides. The bearing requires maintenance and can be relubricated via grease fitting in the housing and for sizes 16 and larger also via the shaft. The female thread is available with a left- (prefix SIL) or right-hand thread.

- Easy to relubricate
- Suitable for heavy static, alternating or impact loads
- Simple and ready-to-mount
- Slotted shank with clamping screws
- Suitable for hydraulic cylinders
- Bearing can be exchanged

## Overview

### Dimensions

Bore diameter, bearing inner ring	63 mm
Outside diameter, housing eye	138 mm
Width, bearing inner ring	63 mm
Thread designation	M 48x2
Width, housing eye	53.5 mm
Centre height, housing (from end of shank)	140 mm
Housing length, total	213.5 mm

### Performance

Basic dynamic load rating	255 kN
Basic static load rating	375 kN

### Properties

Sliding contact surface combination	Steel/steel, standard
Material, housing	Steel
Material, inner ring	Bearing steel
Material,	Bearing steel

outer ring

Maintenance

Relubrication required

Attachment  
feature,  
rod end shank

Right-hand female thread and  
clamping screws

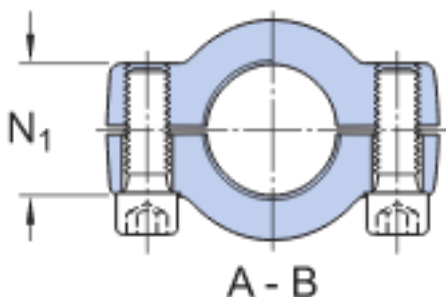
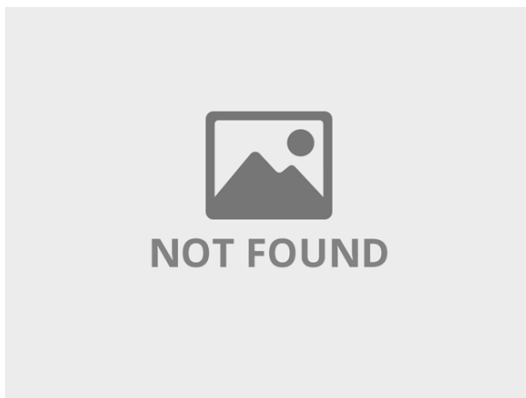
Sealing

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	63 mm	Bore diameter
$d_2$	max. 138 mm	Diameter head
B	63 mm	Width inner ring
G	M 48x2	Thread
$C_1$	max. 53.5 mm	Width head
$h_1$	140 mm	Height shank end face - centre rod end eye
$\alpha$	4 °	Angle of tilt
$d_k$	83 mm	Raceway diameter inner ring
$d_4$	max. 72.5 mm	Housing diameter shank
$l_3$	min. 64 mm	Length thread
$l_4$	max. 213.5 mm	Length (height) housing
$l_7$	min. 62 mm	Distance shank chamfer - centre rod end eye
N	max. 116 mm	Width shank
$N_1$	max. 40 mm	Thickness shank base for clamping bolts
$r_1$	min. 1 mm	Chamfer dimension bore

## Bolts with internal hexagon

Size bolt with internal hexagon	M 16
Tightening torque bolt with internal hexagon	206 N·m

## Calculation data

Basic dynamic load rating	C	255 kN
Basic static load rating	$C_0$	375 kN
Specific dynamic load factor	K	100 N/mm <sup>2</sup>
Material constant	$K_M$	330

## Mass

Mass rod end	7.1 kg
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