



# SCF 25 ESRod end, requires maintenance, rectangular section welding shank

Rod end, requires maintenance, rectangular section welding shank

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 grease fitting in the housing and via the shaft. The housing with the rectangular section welding shank enables heavy static loads.

- Suitable for heavy static, alternating or impact loads
- Easy to relubricate
- Bearing can be exchanged

## Overview

### Dimensions

Bore diameter, bearing inner ring	25 mm
Outside diameter, housing eye	56.5 mm
Width, bearing inner ring	20 mm
Width, housing eye	24 mm
Centre height, housing (from end of shank)	45 mm
Housing length, total	74 mm

### Performance

Basic dynamic load rating	48 kN
Basic static load rating	65.5 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	Rectangular section, for welding
Sealing	Without

# Technical Specification

Attachment feature, rod end shank

Rectangular section, for welding



## Dimensions

d	25 mm	Bore diameter
d <sub>2</sub>	max. 56.5 mm	Diameter head
B	20 mm	Width inner ring
C <sub>1</sub>	max. 24 mm	Width head
h <sub>2</sub>	45 mm	Height shank end face - centre rod end eye
α	7 °	Angle of tilt
d <sub>k</sub>	35.5 mm	Raceway diameter inner ring
l <sub>6</sub>	max. 74 mm	Length (height) housing
r <sub>1</sub>	min. 0.6 mm	Chamfer dimension bore

## Calculation data

Basic dynamic load rating	C	48 kN
Basic static load rating	C <sub>0</sub>	65.5 kN
Specific dynamic load factor	K	100 N/mm <sup>2</sup>
Material constant	K <sub>M</sub>	330

## Mass

Mass rod end	0.53 kg
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