

SCF 35 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	35 mm
Outside diameter, housing eye	85 mm
Width, bearing inner ring	25 mm
Width, housing eye	31 mm
Centre height, housing (from end of shank)	61 mm
Housing length, total	104 mm

Performance

Basic dynamic load rating	80 kN
Basic static load rating	183 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	35 mm	Bore diameter
d ₂	max. 85 mm	Diameter head
B	25 mm	Width inner ring
C ₁	max. 31 mm	Width head
h ₂	61 mm	Height shank end face - centre rod end eye
α	6 °	Angle of tilt
d _k	47 mm	Raceway diameter inner ring
l ₆	max. 104 mm	Length (height) housing
r ₁	min. 0.6 mm	Chamfer dimension bore

Calculation data

Basic dynamic load rating	C	80 kN
Basic static load rating	C ₀	183 kN
Specific dynamic load factor	K	100 N/mm ²
Material constant	K _M	330

Mass

Mass rod end	1.55 kg
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