



SAKAC 20 MRod end, requires maintenance, male thread

Rod end, requires maintenance, male thread

These SKF rod ends contain a spherical plain bearing with a steel/bronze sliding contact surface combination. The bearing requires maintenance, sizes 6 and larger can be relubricated via a grease fitting in the housing and via the shank. The male thread is available with a left- (prefix SAL) or right-hand thread.

- Suitable where lubricant starvation might occur
- Simple and ready-to-mount
- Easy to relubricate (sizes ≥ 6)

Overview

Dimensions

Bore diameter, bearing inner ring	20 mm
Outside diameter, housing eye	51 mm
Width, bearing inner ring	25 mm
Thread designation	M 20x1.5
Width, housing eye	18.5 mm
Centre height, housing (from end of shank)	78 mm
Housing length, total	106 mm

Performance

Basic dynamic load rating	31.5 kN
Basic static load rating	29 kN

Properties

Sliding contact surface combination	Steel/bronze
Material, housing	Steel
Material, inner ring	Bearing steel
Maintenance	Relubrication required
Attachment feature, rod end shank	Right-hand male thread
Sealing	Without

Technical Specification

Maintenance	Relubrication required
Sliding contact surface combination	Steel/bronze
Material, inner ring	Bearing steel
Sealing	Without
Attachment feature, rod end shank	Right-hand male thread

Dimensions



d	20 mm	Bore diameter
d ₂	max. 51 mm	Diameter head
B	25 mm	Width inner ring
G	M 20x1.5	Thread
C ₁	max. 18.5 mm	Width head
h	78 mm	Height shank end face - centre rod end eye
α	14 °	Angle of tilt
d _k	34.925 mm	Raceway diameter inner ring
l ₁	min. 45 mm	Length thread
l ₂	max. 106 mm	Length (height) housing
r ₁	min. 0.3 mm	Chamfer dimension bore

Calculation data

Basic dynamic load rating	C	31.5 kN
Basic static load rating	C ₀	29 kN
Specific dynamic load factor	K	50 N/mm ²
Material constant	K _M	330

Mass

Mass rod end

0.34 kg

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