

SAL 25 CRod end, maintenance-free, male thread

Rod end, maintenance-free, male thread

These SKF rod ends contain a spherical plain bearing with a steel/PTFE sintered bronze sliding contact surface combination. The bearing is maintenance-free. The male thread is available with a left- (prefix SAL) or right-hand thread.

- Long service life
- Maintenance-free
- Suitable for heavy, constant direction loads
- Low coefficient of friction
- Simple and ready-to-mount



Overview

Dimensions

Bore diameter, bearing inner ring	25 mm
Outside diameter, housing eye	65 mm
Width, bearing inner ring	20 mm
Thread designation	M 24x2
Width, housing eye	18 mm
Centre height, housing (from end of shank)	94 mm
Housing length, total	128 mm

Performance

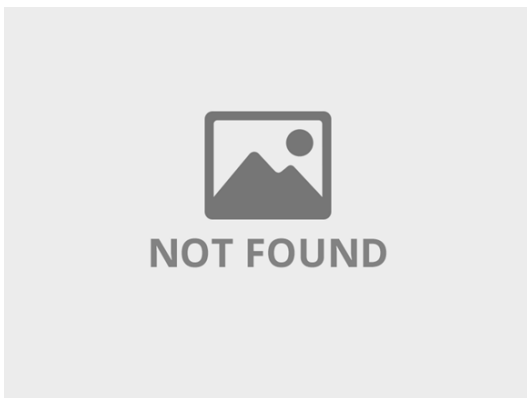
Basic dynamic load rating	51 kN
Basic static load rating	78 kN

Properties

Sliding contact surface combination	Steel/PTFE sintered bronze
Material, housing	Steel
Material, inner ring	Bearing steel
Material, outer ring	Deep-drawing steel
Maintenance	Maintenance-free
Attachment feature, rod end shank	Left-hand male thread
Sealing	Without

Technical Specification

Maintenance	Maintenance-free
Sliding contact surface combination	Steel/PTFE sintered bronze
Material, inner ring	Bearing steel
Material, outer ring	Deep-drawing steel
Sealing	Without
Attachment feature, rod end shank	Left-hand male thread



Dimensions

d	25 mm	Bore diameter
d ₂	max. 65 mm	Diameter head
B	20 mm	Width inner ring
G	M 24x2	Thread
C ₁	max. 18 mm	Width head
h	94 mm	Height shank end face - centre rod end eye
α	7 °	Angle of tilt
d _k	35.5 mm	Raceway diameter inner ring
l ₁	min. 53 mm	Length thread
l ₂	max. 128 mm	Length (height) housing
l ₇	min. 30 mm	Distance shank chamfer - centre rod end eye
r ₁	min. 0.6 mm	Chamfer dimension bore

Calculation data

Basic dynamic load rating	C	51 kN
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Basic static load rating	C_0	78 kN
Specific dynamic load factor	K	100 N/mm ²
Material constant	K_M	1 400

Mass

Mass rod end		0.57 kg
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