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29.06.2026, 23:00:38 UTC

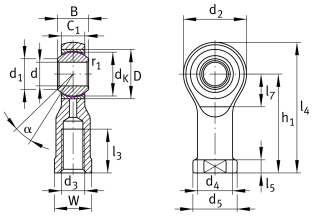
SCHAEFFLER

GIKSR20-PS

Rod end

Corrosion-resistant rod end, with internal thread, right hand thread, maintenance-free, sliding layer: PTFE film, DIN ISO 12240-4, dimension series K, type F, open design

Technical information



Your current product variant

Clampable	Not clampable
Maintenance	Maintenance free
Lubrication nipple	Cannot be relubricated
Slotted	No
Thread Pitch	Right-hand thread
Sealing	Without
Mounting	Internal thread

Main Dimensions & Performance Data

C_r	57.000 N	Basic dynamic load rating, radial
C_{0r}	22.800 N	Basic static load rating, radial
d	20 mm	Bore diameter bearing
d_2	51 mm	Outer eye diameter
l_4	102,5 mm	Total length internal thread head
≈m	0,47 kg	Weight

Dimensions

C_1	18 mm	Width of the rod end
D	40 mm	Outside diameter bearing
B	25 mm	Width inner ring
d_K	34,9 mm	Ball diameter
d_3	M20x1,5	Thread size
d_4	27,5 mm	Shank diameter
d_5	34 mm	Shank diameter, large
h_1	77 mm	Shank Length Internal thread head
α	15 °	Tilt angle
l_3	30 mm	Thread length Internal thread
l_5	10 mm	Length rod end shank
l_7	25 mm	Distance drilling with/shaft start
W	30 mm	Width Across Flat
d_{UT}	0 mm	Bore diameter bearing, lower tolerance
d_T	H7	Bore diameter bearing, tolerance
d_{OT}	0,021 mm	Bore diameter bearing, upper tolerance
B_{UT}	0 mm	Width inner ring, lower tolerance
B_{OT}	0,012 mm	Width inner ring, upper tolerance
G_r	0,010 - 0,055	Radial Clearance
G_{rmin}	0,01 mm	Radial clearance, minimum
G_{rmax}	0,055 mm	Radial clearance, maximum

Mounting dimensions

r_{1smin}	0,3 mm	Edge Spacing
d_1	24,4 mm	Outer flange diameter inner ring

Temperature range

T_{min}	-10 °C	Operating temperature min.
T_{max}	80 °C	Operating temperature max.

Characteristics

Radial load

Axial load in one direction

Axial load in two directions

Lifetime lubrication, freedom from maintenance


Not sealed


Protected against rust


Static angular error and misalignment


Dynamic angular error and misalignment