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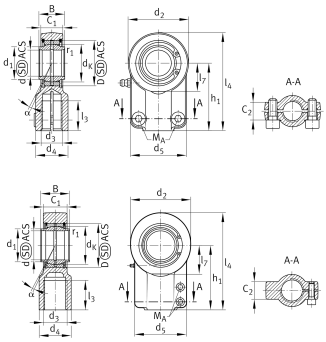
SCHAEFFLER

GIHNRK80-LO

Rod end

Hydraulic rod end, with thread clamping device, right hand thread, requiring maintenance, sliding contact surface: steel/ steel, DIN 24338 ISO 6982, open design

Technical information



Your current product variant

Clampable	Clampable	
Maintenance	Maintenance required	
Mounting	Internal thread clampable	
Lubrication nipple	DIN71412-AM6 (tapered grease nipple)	
Slotted	Slotted, both sides	
Thread Pitch	Right-hand thread	
Type of Seal	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance

Main Dimensions & Performance Data

C_r	522.000 N	Basic dynamic load rating, radial
C_{0r}	793.000 N	Basic static load rating, radial
d	80 mm	Bore diameter bearing
d_2	170 mm	Outer eye diameter
l_4	270,5 mm	Total length internal thread head
D	120 mm	Outside diameter bearing
B	80 mm	Width inner ring
≈m	13,41 kg	Weight

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website: Contact form

Dimensions

α	4 °	Tilt angle
C_1	67,1 mm	Width of the rod end
C_2	48 mm	Width
d_K	105 mm	Ball diameter
d_3	M64x3	Thread size
d_4	90 mm	Shank diameter
d_5	148 mm	Shank diameter, large
d_7	M20x45	Diameter screw clamp
h_1	180 mm	Shank Length Internal thread head
l_3	86 mm	Thread length Internal thread
l_7	78 mm	Distance drilling with/shaft start
d_{UT}	0 mm	Bore diameter bearing, lower tolerance
d_T	H7	Bore diameter bearing, tolerance
d_{OT}	0,03 mm	Bore diameter bearing, upper tolerance
B_{UT}	-0,3 mm	Width inner ring, lower tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
M_A	535 Nm	Tightening torque
F_Z	320.000 N	Cylinder Force
G_r	CN	Radial Clearance
G_{rmin}	0,036 mm	Radial clearance, minimum
G_{rmax}	0,142 mm	Radial clearance, maximum

Mounting dimensions

r_{1smin}	1 mm	Edge Spacing
d_1	91 mm	Outer flange diameter inner ring

Temperature range

T_{min}	-60 °C	Operating temperature min.
T_{max}	200 °C	Operating temperature max.

Characteristics

Radial load

Axial load in one direction

Axial load in two directions


Grease Lubrication


Not sealed


Static angular error and misalignment


Dynamic angular error and misalignment