



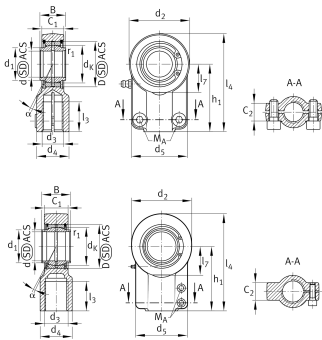
GIHNRK80-LO [↗](#)

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

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



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