

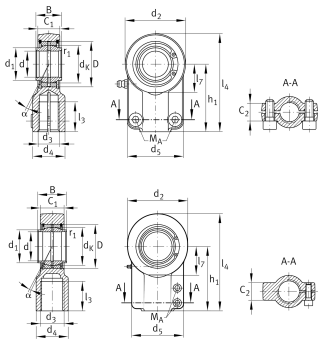
**GIHNRK100-LO**

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-AS6 (tapered grease nipple)
Slotted	Slotted, one side
Thread Pitch	Right-hand thread
Sealing	Without
Mounting	Internal thread

Main Dimensions & Performance Data

C_r	790.000 N	Basic dynamic load rating, radial
C_{0r}	840.000 N	Basic static load rating, radial
d	100 mm	Bore diameter bearing
d_2	210 mm	Outer eye diameter
l_4	322 mm	Total length internal thread head
D	150 mm	Outside diameter bearing
B	100 mm	Width inner ring
≈m	23,8 kg	Weight



Dimensions

α	4 °	Tilt angle
C ₁	84 mm	Width of the rod end
C ₂	62 mm	Width
d _K	130 mm	Ball diameter
d ₃	M80x3	Thread size
d ₄	110 mm	Shank diameter
d ₅	178 mm	Shank diameter, large
d ₇	M20x60	Diameter screw clamp
h ₁	210 mm	Shank Length Internal thread head
l ₃	96 mm	Thread length Internal thread
l ₇	98 mm	Distance drilling with/shaft start
d _{UT}	0 mm	Bore diameter bearing, lower tolerance
d _T	H7	Bore diameter bearing, tolerance
d _{OT}	0,035 mm	Bore diameter bearing, upper tolerance
B _{UT}	-0,35 mm	Width inner ring, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
M _A	385 Nm	Tightening torque
F _Z	500.000 N	Cylinder Force
G _r	0,065 - 0,165	Radial Clearance
G _{rmin}	0,065 mm	Radial clearance, minimum
G _{rmax}	0,165 mm	Radial clearance, maximum

Mounting dimensions






r _{1smin}	1 mm	Edge Spacing
d ₁	113 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
-  Grease Lubrication
-  Not sealed
-  Static angular error and misalignment
-  Dynamic angular error and misalignment