

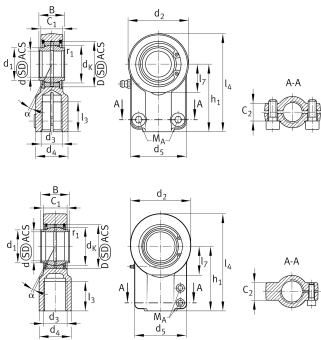
**GIHNRK50-LO**

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	
Sealing	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance

Main Dimensions & Performance Data

C_r	204.000 N	Basic dynamic load rating, radial
C_{0r}	330.000 N	Basic static load rating, radial
d	50 mm	Bore diameter bearing
d_2	108 mm	Outer eye diameter
l_4	179,5 mm	Total length internal thread head
D	75 mm	Outside diameter bearing
B	50 mm	Width inner ring
$\approx m$	3,82 kg	Weight



Dimensions

α	4 °	Tilt angle
C ₁	41 mm	Width of the rod end
C ₂	32 mm	Width
d _K	66 mm	Ball diameter
d ₃	M42x2	Thread size
d ₄	58 mm	Shank diameter
d ₅	96 mm	Shank diameter, large
d ₇	M12x30	Diameter screw clamp
h ₁	120 mm	Shank Length Internal thread head
l ₃	57 mm	Thread length Internal thread
l ₇	50 mm	Distance drilling with/shaft start
d _{UT}	0 mm	Bore diameter bearing, lower tolerance
d _T	H7	Bore diameter bearing, tolerance
d _{OT}	0,025 mm	Bore diameter bearing, upper tolerance
B _{UT}	-0,25 mm	Width inner ring, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
M _A	110 Nm	Tightening torque
F _Z	125.000 N	Cylinder Force
G _r	CN	Radial Clearance
G _{rmin}	0,03 mm	Radial clearance, minimum
G _{rmax}	0,12 mm	Radial clearance, maximum

Mounting dimensions








r _{1smin}	0,6 mm	Edge Spacing
d ₁	57 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