

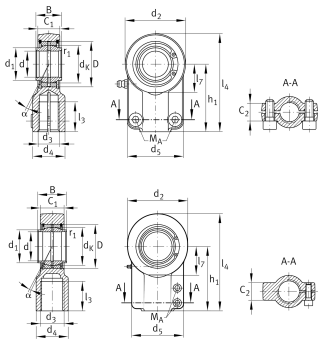
**GIHNRK200-LO**

## 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**

$C_r$	2.760.000 N	Basic dynamic load rating, radial
$C_{0r}$	3.460.000 N	Basic static load rating, radial
d	200 mm	Bore diameter bearing
$d_2$	418 mm	Outer eye diameter
$l_4$	620 mm	Total length internal thread head
D	290 mm	Outside diameter bearing
B	200 mm	Width inner ring
≈m	167 kg	Weight



## Dimensions

$\alpha$	4 °	Tilt angle
C <sub>1</sub>	162 mm	Width of the rod end
C <sub>2</sub>	102 mm	Width
d <sub>K</sub>	250 mm	Ball diameter
d <sub>3</sub>	M160x4	Thread size
d <sub>4</sub>	215 mm	Shank diameter
d <sub>5</sub>	320 mm	Shank diameter, large
d <sub>7</sub>	M30x100	Diameter screw clamp
h <sub>1</sub>	390 mm	Shank Length Internal thread head
l <sub>3</sub>	161 mm	Thread length Internal thread
l <sub>7</sub>	195 mm	Distance drilling with/shaft start
d <sub>UT</sub>	0 mm	Bore diameter bearing, lower tolerance
d <sub>T</sub>	H7	Bore diameter bearing, tolerance
d <sub>OT</sub>	0,046 mm	Bore diameter bearing, upper tolerance
B <sub>UT</sub>	-0,46 mm	Width inner ring, lower tolerance
B <sub>OT</sub>	0 mm	Width inner ring, upper tolerance
M <sub>A</sub>	1.350 Nm	Tightening torque
F <sub>Z</sub>	2.000.000 N	Cylinder Force
G <sub>r</sub>	0,065 - 0,192	Radial Clearance
G <sub>rmin</sub>	0,065 mm	Radial clearance, minimum
G <sub>rmax</sub>	0,192 mm	Radial clearance, maximum

## Mounting dimensions







r <sub>1smin</sub>	1,1 mm	Edge Spacing
d <sub>1</sub>	221 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
-  Large bearing
-  Static angular error and misalignment
-  Dynamic angular error and misalignment