

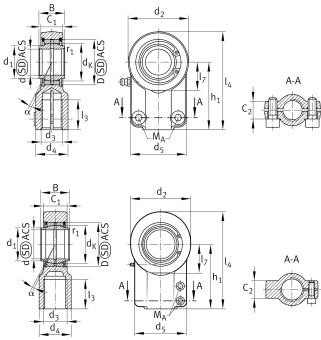
**GIHNRK25-LO**

## 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**

$C_r$	62.800 N	Basic dynamic load rating, radial
$C_{0r}$	83.300 N	Basic static load rating, radial
d	25 mm	Bore diameter bearing
$d_2$	58 mm	Outer eye diameter
$l_4$	96 mm	Total length internal thread head
D	42 mm	Outside diameter bearing
B	25 mm	Width inner ring
$\approx m$	0,65 kg	Weight



## Dimensions

$\alpha$	4 °	Tilt angle
C <sub>1</sub>	22 mm	Width of the rod end
C <sub>2</sub>	19 mm	Width
d <sub>K</sub>	35,5 mm	Ball diameter
d <sub>3</sub>	M20x1,5	Thread size
d <sub>4</sub>	30 mm	Shank diameter
d <sub>5</sub>	54 mm	Shank diameter, large
d <sub>7</sub>	M8x20	Diameter screw clamp
h <sub>1</sub>	65 mm	Shank Length Internal thread head
l <sub>3</sub>	29 mm	Thread length Internal thread
l <sub>7</sub>	27 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>	0,021 mm	Bore diameter bearing, upper tolerance
B <sub>UT</sub>	-0,21 mm	Width inner ring, lower tolerance
B <sub>OT</sub>	0 mm	Width inner ring, upper tolerance
M <sub>A</sub>	32 Nm	Tightening torque
F <sub>Z</sub>	32.000 N	Cylinder Force
G <sub>r</sub>	CN	Radial Clearance
G <sub>rmin</sub>	0,025 mm	Radial clearance, minimum
G <sub>rmax</sub>	0,1 mm	Radial clearance, maximum

## Mounting dimensions








r <sub>1smin</sub>	0,6 mm	Edge Spacing
d <sub>1</sub>	30 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