

**GAKLB18-PD** [↗](#)

## Rod end

Rod end GAKRB..-PD, right hand thread, maintenance-free

## Technical information

**Your current product variant**

Clampable	Not clampable
Mounting	External thread
Grease nipples	Cannot be relubricated
Slotted	No
Thread Pitch	Left-hand thread
Maintenance	Maintenance free
Type of Sealing	Without
Material sliding Layer	Sliding foil

**Main Dimensions & Performance Data**

d <sub>2</sub>	47 mm	Outer diameter eye
C <sub>r</sub>	39.100 N	Basic dynamic load rating
C <sub>0r</sub>	36.900 N	Basic static load rating
d	18 mm	Bore diameter bearing
D	35 mm	Outside diameter bearing
l <sub>2</sub>	95,5 mm	Total length
B	23 mm	Width inner ring
≈m	0,279 kg	Weight



## Dimensions

$d_k$	31,7 mm	Ball diameter
$d_1$	21,9 mm	Outer flange diameter inner ring
$d_3$	M18x1.5-LH	Thread size
$h$	72 mm	Length of thread
$C_1$	16,5 mm	Width of the rod end
$\alpha$	15 °	Tilt angle
$l_1$	41 mm	Thread length
$l_7$	25 mm	Length of the flat surface from the bearing bore centre to the shank
$B_{UT}$	-0,12 mm	Width inner ring , lower tolerance
$B_{OT}$	0 mm	Width inner ring; upper tolerance
$d_T$	H7	Bore diameter_bearing_tolerance
$d_{UT}$	0 mm	Bore diameter, lower tolerance
$d_{OT}$	0,018 mm	Bore diameter bearing upper tolerance
$G_r$	CN	Radial clearance
$G_{rmax}$	0,049 mm	Radial clearance, maximum
$G_{rmin}$	0,003 mm	Radial clearance, minimum

## Temperature range

$T_{min}$	-50 °C	Operating temperature min.
$T_{max}$	200 °C	Operating temperature max.

## Mounting dimensions

$r_{1s}$	0,3 mm	Smallest single chamfer dimension, inner ring
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### Characteristics

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-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Moments about all axes
-  Lifetime lubrication, freedom from maintenance
-  Not sealed
-  Static angular error and misalignment
-  Dynamic angular error and misalignment