

**GAKLB18-PD** [↗](#)

Rod end

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

Technical information

**Your current product variant**

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

Main Dimensions & Performance Data

d ₂	47 mm	Outer diameter eye
C _r	39.100 N	Basic dynamic load rating
C _{0r}	36.900 N	Basic static load rating
d	18 mm	Bore diameter bearing
D	35 mm	Outside diameter bearing
l ₂	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
α	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

-  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