

**GAKRB18-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	Right-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
$\approx m$	0,28 kg	Weight



## Dimensions

$d_k$	31,7 mm	Ball diameter
$d_1$	21,9 mm	Outer flange diameter inner ring
$d_3$	M18x1,5	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
$l_7$	23 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
$G_r$	0,003 - 0,049	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



Lifetime lubrication, freedom from maintenance



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment