

**GAKLB22-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 Seal	Without
Material sliding Layer	Sliding foil

**Main Dimensions & Performance Data**

$d_2$	55 mm	Outer diameter eye
$C_r$	57.300 N	Basic dynamic load rating
$C_{0r}$	48.800 N	Basic static load rating
$d$	22 mm	Bore diameter bearing
$D$	42 mm	Outside diameter bearing
$l_2$	111 mm	Total length
$B$	28 mm	Width inner ring
$\approx m$	0,462 kg	Weight



## Dimensions

$d_k$	38,1 mm	Ball diameter
$d_1$	25,8 mm	Outer flange diameter inner ring
$d_3$	M22X1,5-LH	Thread size
$h$	84 mm	Length of thread
$C_1$	20 mm	Width of the rod end
$\alpha$	15 °	Tilt angle
$l_1$	48 mm	Thread length
$l_7$	27 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
$d_{OT}$	0,021 mm	Bore diameter bearing upper tolerance
$G_r$	CN	Radial clearance
$G_{rmax}$	0,055 mm	Radial clearance, maximum
$G_{rmin}$	0,01 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