

**GAKRB22-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 &amp; Performance Data

d <sub>2</sub>	55 mm	Outer diameter eye
C <sub>r</sub>	57.300 N	Basic dynamic load rating
C <sub>0r</sub>	48.800 N	Basic static load rating
d	22 mm	Bore diameter bearing
D	42 mm	Outside diameter bearing
l <sub>2</sub>	111,5 mm	Total length
B	28 mm	Width inner ring
≈m	0,466 kg	Weight



## Dimensions

$d_k$	38,1 mm	Ball diameter
$d_1$	25,8 mm	Outer flange diameter inner ring
$d_3$	M22x1,5	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
$G_r$	0,01 - 0,055	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
----------	--------	---



## Characteristics

---



Radial load



Axial load in one direction



Lifetime lubrication, freedom from maintenance



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment