

**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 & 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	111,5 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
α	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
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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