

**GIKRB22-PD**

Rod end

Rod end GIKR..-PW, internal threads,
maintenance-free

Technical information



Your current product variant

Clampable	Not clampable
Maintenance	Maintenance free
Mounting	Internal thread
Lubrication nipple	Cannot be relubricated
Slotted	No
Thread Pitch	Right-hand thread
Type of Seal	Without

Main Dimensions & Performance Data

C_r	57.300 N	Basic dynamic load rating, radial
C_{0r}	48.800 N	Basic static load rating, radial
d	22 mm	Bore diameter bearing
d_2	55 mm	Outer eye diameter
l_4	111,5 mm	Total length internal thread head
$\approx m$	0,522 kg	Weight



Dimensions

C ₁	20 mm	Width of the rod end
D	42 mm	Outside diameter bearing
B	28 mm	Width inner ring
d _K	38,1 mm	Ball diameter
d ₃	M22	Thread size
d ₄	30 mm	Shank diameter
d ₅	37 mm	Shank diameter, large
h ₁	84 mm	Shank Length Internal thread head
α	15 °	Tilt angle
l ₃	33 mm	Thread length Internal thread
l ₅	12 mm	Length rod end shank
l ₇	29 mm	Distance drilling with/shaft start
W	32 mm	Width Across Flat
d _{UT}	0 mm	Bore diameter bearing, lower tolerance
d _{OT}	0,021 mm	Bore diameter bearing, upper tolerance
B _{UT}	-0,12 mm	Width inner ring, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
G _r	0,01 - 0,055	Radial Clearance
G _{rmin}	0,01 mm	Radial clearance, minimum
G _{rmax}	0,055 mm	Radial clearance, maximum

Mounting dimensions


r _{1smin}	0,3 mm	Edge Spacing
d ₁	25,8 mm	Outer flange diameter inner ring

Temperature range

T _{min}	-50 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.



Characteristics

-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Lifetime lubrication, freedom from maintenance
-  Not sealed
-  Static angular error and misalignment
-  Dynamic angular error and misalignment