

**GIKRB22-PD**

Rod end

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

Technical information

**Your current product variant**

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

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