

**GIKPSR10-PS**

Rod end

Corrosion-resistant rod end, with internal thread, right hand thread : maintenance-free, sliding layer: PTFE film, DIN ISO 12240-4, dimension series K, type F, open design fine pitch thread connector for standard pneumatic cylinders to DIN ISO 15552

Technical information



Your current product variant

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

Main Dimensions & Performance Data

C_r	18.000 N	Basic dynamic load rating, radial
C_{0r}	8.000 N	Basic static load rating, radial
d	10 mm	Bore diameter bearing
d_2	29 mm	Outer eye diameter
l_4	57,5 mm	Total length internal thread head
$\approx m$	78,7 g	Weight



Dimensions

C ₁	10,5 mm	Width of the rod end
D	22 mm	Outside diameter bearing
B	14 mm	Width inner ring
d _K	19 mm	Ball diameter
d ₃	M10x1,25	Thread size
d ₄	15 mm	Shank diameter
d ₅	19 mm	Shank diameter, large
h ₁	43 mm	Shank Length Internal thread head
α	13 °	Tilt angle
l ₃	15 mm	Thread length Internal thread
l ₅	6,5 mm	Length rod end shank
l ₇	14 mm	Distance drilling with/shaft start
W	17 mm	Width Across Flat
d _{UT}	0 mm	Bore diameter bearing, lower tolerance
d _T	H7	Bore diameter bearing, tolerance
d _{OT}	0,015 mm	Bore diameter bearing, upper tolerance
B _{UT}	0 mm	Width inner ring, lower tolerance
B _{OT}	0,012 mm	Width inner ring, upper tolerance
G _r	0,005 - 0,040	Radial Clearance
G _{rmin}	0,005 mm	Radial clearance, minimum
G _{rmax}	0,04 mm	Radial clearance, maximum

Mounting dimensions

r _{1smin}	0,3 mm	Edge Spacing
d ₁	12,9 mm	Outer flange diameter inner ring



Temperature range

T_{\min}	-10 °C	Operating temperature min.
T_{\max}	80 °C	Operating temperature max.

Characteristics

-  F_r Radial load
-  F_a Axial load in one direction
-  F_a Axial load in two directions
-  L_h Lifetime lubrication, freedom from maintenance
-  Not sealed
-  Protected against rust
-  Static angular error and misalignment
-  Dynamic angular error and misalignment