

**GIKPSR12-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
Mounting	Internal thread
Lubrication nipple	Cannot be relubricated
Slotted	No
Thread Pitch	Right-hand thread
Sealing	Without

Main Dimensions & Performance Data

C_r	24.000 N	Basic dynamic load rating, radial
C_{0r}	9.100 N	Basic static load rating, radial
d	12 mm	Bore diameter bearing
d_2	33 mm	Outer eye diameter
l_4	66,5 mm	Total length internal thread head
$\approx m$	0,115 kg	Weight



Dimensions

C ₁	12 mm	Width of the rod end
D	26 mm	Outside diameter bearing
B	16 mm	Width inner ring
d _K	22,2 mm	Ball diameter
d ₃	M12x1,25	Thread size
d ₄	17,5 mm	Shank diameter
d ₅	22 mm	Shank diameter, large
h ₁	50 mm	Shank Length Internal thread head
α	13 °	Tilt angle
l ₃	18 mm	Thread length Internal thread
l ₅	6,5 mm	Length rod end shank
l ₇	16 mm	Distance drilling with/shaft start
W	19 mm	Width Across Flat
d _{UT}	0 mm	Bore diameter bearing, lower tolerance
d _T	H7	Bore diameter bearing, tolerance
d _{OT}	0,018 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 - 0,045	Radial Clearance
G _{rmin}	0,005 mm	Radial clearance, minimum
G _{rmax}	0,045 mm	Radial clearance, maximum

Mounting dimensions

r _{1smin}	0,3 mm	Edge Spacing
d ₁	15,4 mm	Outer flange diameter inner ring



Temperature range

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

Characteristics

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