

**GIKSR18-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

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	47.500 N	Basic dynamic load rating, radial
C_{0r}	23.000 N	Basic static load rating, radial
d	18 mm	Bore diameter bearing
d_2	47 mm	Outer eye diameter
l_4	94,5 mm	Total length internal thread head
$\approx m$	0,31 kg	Weight



Dimensions

C ₁	16,5 mm	Width of the rod end
D	35 mm	Outside diameter bearing
B	23 mm	Width inner ring
d _K	31,7 mm	Ball diameter
d ₃	M18x1,5	Thread size
d ₄	25 mm	Shank diameter
d ₅	31 mm	Shank diameter, large
h ₁	71 mm	Shank Length Internal thread head
α	15 °	Tilt angle
l ₃	27 mm	Thread length Internal thread
l ₅	10 mm	Length rod end shank
l ₇	23 mm	Distance drilling with/shaft start
W	27 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	21,9 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