

**GIKPR16-PW** [↗](#)

Rod end

Rod end with internal thread, right hand thread, maintenance-free, sliding layer: PTFE film, brass outer ring, DIN ISO 12240-4, dimension series K, type F, open design, with 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	38.600 N	Basic dynamic load rating, radial
C_{0r}	45.300 N	Basic static load rating, radial
d	16 mm	Bore diameter bearing
d_2	42 mm	Outer eye diameter
l_4	85 mm	Total length internal thread head
$\approx m$	0,236 kg	Weight



Dimensions

C ₁	15 mm	Width of the rod end
D	32 mm	Outside diameter bearing
B	21 mm	Width inner ring
d _K	28,575 mm	Ball diameter
d ₃	M16x1,5	Thread size
d ₄	22 mm	Shank diameter
d ₅	28 mm	Shank diameter, large
h ₁	64 mm	Shank Length Internal thread head
α	15 °	Tilt angle
l ₃	28 mm	Thread length Internal thread
l ₅	8 mm	Length rod end shank
l ₇	23 mm	Distance drilling with/shaft start
W	22 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}	-0,12 mm	Width inner ring, lower tolerance
B _{OT}	0 mm	Width inner ring, upper tolerance
G _r	0 - 0,035	Radial Clearance
G _{rmin}	0 mm	Radial clearance, minimum
G _{rmax}	0,035 mm	Radial clearance, maximum

Mounting dimensions

r _{1smin}	0,3 mm	Edge Spacing
d ₁	19,3 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
-  Lifetime lubrication, freedom from maintenance
-  Not sealed
-  Static angular error and misalignment
-  Dynamic angular error and misalignment