

**GIKRB18-PC**

Rod end



Rod end with internal thread, right hand thread, requiring maintenance, DIN ISO 12240-4. dimension series K, type F, open design

Technical information



Your current product variant

Clampable	Not clampable
Maintenance	Maintenance required
Lubrication nipple	DIN71412-AS6 (tapered grease nipple)
Slotted	No
Thread Pitch	Right-hand thread
Sealing	Without
Radial internal clearance	CN (Group N) Normal internal clearance
Mounting	Internal thread

Main Dimensions & Performance Data

d	18 mm	Bore diameter bearing
D	35 mm	Outside diameter bearing
B	23 mm	Width inner ring
C _r	24.400 N	Basic dynamic load rating, radial
C _{0r}	36.900 N	Basic static load rating, radial
G _r	0,003 - 0,049 mm	Radial Clearance
≈m	0,313 kg	Weight



Dimensions

d_K	31,7 mm	Ball diameter
d_1	21,8 mm	Outer flange diameter inner ring
d_2	47 mm	Outer eye diameter
d_3	M18x1,5	Thread size
d_4	25 mm	Shank diameter
h_1	71 mm	Shank Length Internal thread head
C_1	16,5 mm	Width of the rod end
α	15 °	Tilt angle
l_3	27 mm	Thread length Internal thread
l_4	94,5 mm	Total length internal thread head
l_5	10 mm	Length rod end shank
l_7	23 mm	Distance drilling with/shaft start
d_5	32 mm	Shank diameter, large
r_{1smin}	0,3 mm	Edge Spacing
W	27 mm	Width Across Flat
d_{OT}	0,018 mm	Bore diameter bearing, upper tolerance
d_{UT}	0 mm	Bore diameter bearing, lower tolerance
d_T	H7	Bore diameter bearing, tolerance
B_{OT}	0 mm	Width inner ring, upper tolerance
B_{UT}	-0,12 mm	Width inner ring, lower tolerance
G_{rmax}	0,049 mm	Radial clearance, maximum
G_{rmin}	0,003 mm	Radial clearance, minimum

Temperature range

T_{min}	-60 °C	Operating temperature min.
T_{max}	250 °C	Operating temperature max.



Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment