

**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	
Type of Seal	Without	
Radial internal clearance	CN (Group N)	Normal internal clearance
Mounting	Internal thread	

## Main Dimensions &amp; Performance Data

d	18 mm	Bore diameter bearing
D	35 mm	Outside diameter bearing
B	23 mm	Width inner ring
C <sub>r</sub>	24.400 N	Basic dynamic load rating, radial
C <sub>0r</sub>	36.900 N	Basic static load rating, radial
G <sub>r</sub>	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
$\alpha$	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

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Radial load



Axial load in one direction



Axial load in two directions



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment