

**GIKL20-PW**

## Rod end



Rod end with internal thread, left hand thread, maintenance-free, sliding layer: PTFE film, brass outer ring, DIN ISO 12240-4, dimension series K, type F, open design

## Technical information

**Your current product variant**

Clampable	Not clampable
Maintenance	Maintenance free
Mounting	Internal thread
Lubrication nipple	Cannot be relubricated
Slotted	No
Thread Pitch	Left-hand thread
Type of Seal	Without

**Main Dimensions & Performance Data**

$C_r$	56.600 N	Basic dynamic load rating, radial
$C_{0r}$	45.600 N	Basic static load rating, radial
d	20 mm	Bore diameter bearing
$d_2$	50 mm	Outer eye diameter
$l_4$	102 mm	Total length internal thread head
$\approx m$	0,414 kg	Weight



## Dimensions

C <sub>1</sub>	18 mm	Width of the rod end
D	40 mm	Outside diameter bearing
B	25 mm	Width inner ring
d <sub>K</sub>	34,925 mm	Ball diameter
d <sub>3</sub>	M20x1,5	Thread size
d <sub>4</sub>	27,5 mm	Shank diameter
d <sub>5</sub>	35 mm	Shank diameter, large
h <sub>1</sub>	77 mm	Shank Length Internal thread head
α	14 °	Tilt angle
l <sub>3</sub>	33 mm	Thread length Internal thread
l <sub>5</sub>	10 mm	Length rod end shank
l <sub>7</sub>	26 mm	Distance drilling with/shaft start
W	30 mm	Width Across Flat
d <sub>UT</sub>	0 mm	Bore diameter bearing, lower tolerance
d <sub>T</sub>	H7	Bore diameter bearing, tolerance
d <sub>OT</sub>	0,021 mm	Bore diameter bearing, upper tolerance
B <sub>UT</sub>	-0,12 mm	Width inner ring, lower tolerance
B <sub>OT</sub>	0 mm	Width inner ring, upper tolerance
G <sub>r</sub>	0 - 0,035	Radial Clearance
G <sub>rmin</sub>	0 mm	Radial clearance, minimum
G <sub>rmax</sub>	0,035 mm	Radial clearance, maximum

## Mounting dimensions

r <sub>1smin</sub>	0,3 mm	Edge Spacing
d <sub>1</sub>	24,3 mm	Outer flange diameter inner ring








### Temperature range

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$T_{\min}$	-50 °C	Operating temperature min.
$T_{\max}$	200 °C	Operating temperature max.

### Characteristics

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-   $F_r$  Radial load
-   $L_h$  Lifetime lubrication, freedom from maintenance
-  Not sealed
-  Static angular error and misalignment
-  Dynamic angular error and misalignment