

**GAKR16-PW**

## Rod end

Rod end GAKR...PW, external threads,  
maintenance-free

## Technical information

**Your current product variant**

Clampable	Not clampable
Grease nipples	Cannot be relubricated
Slotted	No
Thread Pitch	Right-hand thread
Maintenance	Maintenance free
Sealing	Without
Mounting	External thread
Material sliding Layer	Sliding foil

**Main Dimensions & Performance Data**

d <sub>2</sub>	42 mm	Outer diameter eye
C <sub>r</sub>	38.600 N	Basic dynamic load rating
C <sub>0r</sub>	45.300 N	Basic static load rating
d	16 mm	Bore diameter bearing
D	32 mm	Outside diameter bearing
l <sub>2</sub>	87 mm	Total length
B	21 mm	Width inner ring
≈m	0,207 kg	Weight



## Dimensions

$d_k$	28,575 mm	Ball diameter
$d_1$	19,3 mm	Outer flange diameter inner ring
$d_3$	M16	Thread size
$h$	66 mm	Length of thread
$C_1$	15 mm	Width of the rod end
$\alpha$	15 °	Tilt angle
$l_1$	37 mm	Thread length
$l_7$	23 mm	Length of the flat surface from the bearing bore centre to the shank
$B_{UT}$	-0,12 mm	Width inner ring , lower tolerance
$B_{OT}$	0 mm	Width inner ring; upper tolerance
$d_T$	H7	Bore diameter_bearing_tolerance
$d_{UT}$	0 mm	Bore diameter, lower tolerance
$d_{OT}$	0,018 mm	Bore diameter bearing upper tolerance
$G_r$	0 - 0,035	Radial clearance
$G_{rmax}$	0,035 mm	Radial clearance, maximum
$G_{rmin}$	0 mm	Radial clearance, minimum

## Temperature range

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

## Mounting dimensions

$r_{1s}$	0,3 mm	Smallest single chamfer dimension, inner ring
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## Characteristics

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Radial load



Lifetime lubrication, freedom from maintenance



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment