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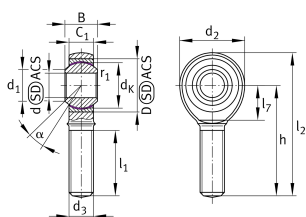


GAKL16-PW

Rod end

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

Technical information



Your current product variant

Clampable	Not clampable
Grease nipples	Cannot be relubricated
Slotted	No
Thread Pitch	Left-hand thread
Maintenance	Maintenance free
Type of Seal	Without
Material sliding Layer	Sliding foil
Mounting bolt	External thread

Main Dimensions & Performance Data

d ₂	42 mm	Outer diameter eye
C _r	38.600 N	Basic dynamic load rating
C _{0r}	45.300 N	Basic static load rating
d	16 mm	Bore diameter bearing
D	32 mm	Outside diameter bearing
l ₂	87 mm	Total length
B	21 mm	Width inner ring
m	0,227 kg	Weight

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website: [Contact form](#)



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



Radial load



Lifetime lubrication, freedom from maintenance



Not sealed



Static angular error and misalignment



Dynamic angular error and misalignment