

**GAR30-UK**

## Rod end

Rod end with external thread, right hand thread, maintenance-free, sliding layer: PTFE composite, DIN ISO 12240-4, dimension series E, type M, inner ring curved surface with hard chromium coating, open design

## 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

**Main Dimensions & Performance Data**

d <sub>2</sub>	73 mm	Outer diameter eye
C <sub>r</sub>	65.900 N	Basic dynamic load rating
C <sub>0r</sub>	139.000 N	Basic static load rating
d	30 mm	Bore diameter bearing
D	47 mm	Outside diameter bearing
l <sub>2</sub>	146,5 mm	Total length
B	22 mm	Width inner ring
≈m	0,936 kg	Weight



## Dimensions

$d_k$	40,7 mm	Ball diameter
$d_1$	34,2 mm	Outer flange diameter inner ring
$d_3$	M30x2	Thread size
$h$	110 mm	Length of thread
$C_1$	19 mm	Width of the rod end
$\alpha$	6 °	Tilt angle
$l_1$	65 mm	Thread length
$l_7$	37 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
$d_{UT}$	-0,01 mm	Bore diameter, lower tolerance
$d_{OT}$	0 mm	Bore diameter bearing upper tolerance
$G_r$	0 - 0,05	Radial clearance
$G_{rmax}$	0,05 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

$r_{1s}$	0,6 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