

**GAR50-UK-2RS** [↗](#)

## Rod end

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

## Technical information



## Your current product variant

Clampable	Not clampable	
Mounting	External thread	
Grease nipples	Cannot be relubricated	
Slotted	No	
Thread Pitch	Right-hand thread	
Maintenance	Maintenance free	
Type of Seal	2RS	Lip seals on both sides
Material sliding Layer	ELGOGLIDE	

## Main Dimensions &amp; Performance Data

$d_2$	112 mm	Outer diameter eye
$C_r$	444.000 N	Basic dynamic load rating
$C_{0r}$	314.000 N	Basic static load rating
$d$	50 mm	Bore diameter bearing
$D$	75 mm	Outside diameter bearing
$l_2$	241 mm	Total length
$B$	35 mm	Width inner ring
$\approx m$	3,364 kg	Weight



## Dimensions

$d_k$	66 mm	Ball diameter
$d_1$	55,9 mm	Outer flange diameter inner ring
$d_3$	M45x3	Thread size
$h$	185 mm	Length of thread
$C_1$	30 mm	Width of the rod end
$\alpha$	6 °	Tilt angle
$l_1$	107 mm	Thread length
$l_7$	60 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
$d_{UT}$	-0,012 mm	Bore diameter, lower tolerance
$d_{OT}$	0 mm	Bore diameter bearing upper tolerance
$G_r$	0 - 0,06	Radial clearance
$G_{rmax}$	0,06 mm	Radial clearance, maximum
$G_{rmin}$	0 mm	Radial clearance, minimum

## Temperature range

$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	130 °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



Sealed on both sides



Static angular error and misalignment



Dynamic angular error and misalignment