

**GAL80-DO-2RS** [↗](#)

## Rod end



Rod end with external thread, left hand thread, requiring maintenance, sliding contact surface: steel/steel, DIN ISO 12240-4, dimension series E, type M, sealed design

## Technical information

**Your current product variant**

Clampable	Not clampable	
Maintenance	Maintenance required	
Lubrication nipple	DIN71412-AM6 (tapered grease nipple)	
Slotted	No	
Thread Pitch	Left-hand thread	
Sealing	2RS	Lip seals on both sides
Radial internal clearance	CN (Group N)	Normal internal clearance
Mounting	External thread	

**Main Dimensions & Performance Data**

$C_r$	522.000 N	Basic dynamic load rating, radial
$C_{0r}$	667.000 N	Basic static load rating, radial
d	80 mm	Bore diameter bearing
D	120 mm	Outside diameter bearing
$l_2$	360 mm	Total length external thread head
B	55 mm	Width inner ring
$d_2$	180 mm	Outer eye diameter
$\approx m$	12,7 kg	Weight



### Mounting dimensions

d <sub>1</sub>	89,4 mm	Outer flange diameter inner ring
r <sub>1smin</sub>	1 mm	Edge Spacing

### Dimensions

d <sub>K</sub>	105 mm	Ball diameter
d <sub>3</sub>	M64x4	Thread size
h	270 mm	Shank Length External thread rod
C <sub>1</sub>	47 mm	Width of the rod end
α	6 °	Tilt angle
l <sub>1</sub>	140 mm	Shank Length External thread head
l <sub>7</sub>	100 mm	Distance drilling with/shaft start
d <sub>OT</sub>	0 mm	Bore diameter bearing, upper tolerance
d <sub>UT</sub>	-0,015 mm	Bore diameter bearing, lower tolerance
B <sub>OT</sub>	0 mm	Width inner ring, upper tolerance
B <sub>UT</sub>	-0,15 mm	Width inner ring, lower tolerance
G <sub>r</sub>	0,055 - 0,142 mm	Radial Clearance
G <sub>rmax</sub>	0,142 mm	Radial clearance, maximum
G <sub>rmin</sub>	0,053 mm	Radial clearance, minimum








### Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	130 °C	Operating temperature max.



### Characteristics

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-  Radial load
-  Axial load in one direction
-  Axial load in two directions
-  Grease Lubrication
-  Sealed on both sides
-  Static angular error and misalignment
-  Dynamic angular error and misalignment