

# Rotule SA

## BRTM20-00-502-DURBAL - BRTM20-00-502-DURBAL

<https://www.123roulement.ch/roulement-palier/rotule/sa/brtm20-00-502-durbal>

### BRTM20-00-502



male thread:  
long-term  
lubrication,  
low maintenance,  
shields,  
adapter sizes  
according to  
DIN ISO 12240-4,  
series K

**DURBAL® heavy-duty rod ends  
with integral self-aligning  
roller bearing**

rod end housing:  
forged steel, case-hardened bearing race,  
superfinished, rolled thread, surface gal-  
vanized, finish of Cr-VI

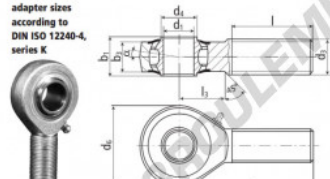
inner ring:  
ball bearing steel, hardened,  
superfinished

lubrication:  
aluminum-complex soap grease,  
temperature range: -45 °C to +120 °C,  
approval according to USDA H1

lubrication fitting:  
DIN 71 412 H1

bearing clearance:  
10 - 30 µm radial

tolerances:  
see page 10



| order number      |                                    | measurements [mm] |                |                        |                |                   |                  |                |       |
|-------------------|------------------------------------|-------------------|----------------|------------------------|----------------|-------------------|------------------|----------------|-------|
| type              | type hard chrome, left hand thread | d <sub>1</sub>    | d <sub>2</sub> | d <sub>3</sub>         | d <sub>4</sub> | d <sub>5</sub>    | b <sub>1</sub>   | b <sub>2</sub> |       |
| BRTM 20 -00       | -502                               | 20                | M 20 x 1,5     | 24,5                   | 50             | 25                | 18               |                |       |
| measurements [mm] |                                    | weight            |                | rotational speed limit |                | basic load rating |                  |                |       |
| type              | h                                  | l                 | b <sub>3</sub> | α                      | [°]            | [kg]              | n <sub>max</sub> | d <sub>m</sub> | stat. |
| BRTM 20           | 78                                 | 47                | 28             | 7,0                    |                | 0,340             | 825              | 17000          | 11700 |

## CARACTÉRISTIQUES PRODUIT

|                 |                   |
|-----------------|-------------------|
| Marque          | DURBAL            |
| N° Ean13        | 3663952506777     |
| Diam. intérieur | 20 mm             |
| Diam. extérieur | 50 mm             |
| Epaisseur       | 25 mm             |
| Type            | SA                |
| Poids           | 340 g             |
| Filetage        | Filetage à gauche |
| Lubrification   | avec              |
| Conditionnement | 1                 |

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