

## Rotule SI

### BRF16-00-502-DURBAL - BRF16-00-502-DURBAL

<https://www.123roulement.be/roulement-palier/rotule/si/brf16-00-502-durbal>

#### BRF16-00-502



**rod end housing:**  
forged steel, case-hardened bearing race, superfinished, surface galvanized, free of Cr VI.

**inner ring:**  
ball bearing steel, hardened, superfinished.

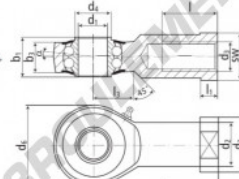
**lubrication:**  
aluminium-complex-soap-grease, temperature range -45 °C to +120 °C, approval according to USDA H1

**lubrication fitting:**  
DIN 3405 D1/A (sizes 6 to 10)  
DIN 71 412 H1 (sizes 12 to 30)


**bearing clearance:**  
10 - 30 µm radial

**tolerances:**  
see page 10

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



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



| order number |      | measurements [mm] |                |                |                |                |                |                |                                       |                |                    |      |        |                     |                        |                        |                   |
|--------------|------|-------------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------------------------|----------------|--------------------|------|--------|---------------------|------------------------|------------------------|-------------------|
| type         | type | d <sub>1</sub>    | d <sub>2</sub> | d <sub>3</sub> | d <sub>4</sub> | d <sub>5</sub> | d <sub>6</sub> | d <sub>7</sub> | l <sub>1</sub>                        | l <sub>2</sub> | l <sub>3</sub>     | h    | weight |                     | calculation factors    | rotational speed limit | basic load rating |
| type         | type | measurements [mm] |                |                |                |                |                |                |                                       |                |                    |      | weight | calculation factors | rotational speed limit | basic load rating      |                   |
| BRF 16 -00   | -502 | 16                | 22,0           | M 16           | 19,0           | 42             | 27             | 21             | 15,0                                  | 64             |                    |      |        |                     |                        |                        |                   |
|              |      | measurements [mm] |                |                |                |                |                |                |                                       |                |                    |      | weight | calculation factors | rotational speed limit | basic load rating      |                   |
| type         |      | l <sub>1</sub>    | l <sub>2</sub> | SW             | α [°]          | β [g]          | γ              | ν <sub>0</sub> | c <sub>max</sub> [min <sup>-1</sup> ] | c [N]          | c <sub>0</sub> [N] |      |        |                     |                        |                        |                   |
| BRF 16       |      | 28                | 8,0            | 22             | 22             | 8,0            | 0,224          | 2,24           | 2,35                                  | 975            | 6250               | 2350 |        |                     |                        |                        |                   |

## CARACTÉRISTIQUES PRODUIT

|                 |                   |
|-----------------|-------------------|
| Marque          | DURBAL            |
| N° Ean13        | 3663952507248     |
| Diam. intérieur | 16 mm             |
| Diam. extérieur | 42 mm             |
| Epaisseur       | 21 mm             |
| Type            | SI                |
| Poids           | 224 g             |
| Filetage        | Filetage à gauche |
| Lubrification   | avec              |
| Conditionnement | 1                 |

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