

# Rotule SI

## BRF3-8-00-502-DURBAL - BRF3-8-00-502-DURBAL

<https://www.123roulement.ch/roulement-palier/rotule/si/brf3-8-00-502-durbal>

### BRF3/8-00-502



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

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

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

**lubrication fitting:**  
DIN 3405 D1/A (sizes 1/4 and 3/8)  
DIN 71 412 H1 (sizes 1/2 and 1 1/4)

**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, dimensions in inches

| order number          |                   | measurements [inches] |                     |                        |                           |                |                |                |                |                |                |      |
|-----------------------|-------------------|-----------------------|---------------------|------------------------|---------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------|
| type                  | right hand thread | left hand thread      | d <sub>1</sub>      | d <sub>2</sub>         | d <sub>3</sub><br>Class 2 | d <sub>4</sub> | d <sub>5</sub> | d <sub>6</sub> | d <sub>7</sub> | b <sub>1</sub> | b <sub>2</sub> |      |
| BRF 3/8 -00           |                   | -502                  | .375                | .590                   | .3750-24 UNF              | .468           | 1.102          | .748           | .551           | .413           |                |      |
| measurements [inches] |                   | weight                | calculation factors | rotational speed limit | basic load rating         |                |                |                |                |                |                |      |
| type                  | h                 | l                     | l <sub>1</sub>      | l <sub>2</sub>         | SW                        | α [°]          | w              | Y              | ω              | C              | C <sub>0</sub> |      |
| BRF 3/8               | 1.712             | .787                  | .299                | .590                   | .669                      | 8.0            | 0.072          | 1.87           | 1.83           | 1225           | 4360           | 1425 |

## CARACTÉRISTIQUES PRODUIT

|                 |                   |
|-----------------|-------------------|
| Marque          | DURBAL            |
| N° Ean13        | 3663952510125     |
| Diam. intérieur | 9.53 mm           |
| Diam. extérieur | 27.99 mm          |
| Épaisseur       | 14 mm             |
| Type            | SI                |
| Poids           | 72 g              |
| Filetage        | Filetage à gauche |
| Lubrification   | avec              |
| Conditionnement | 1                 |

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