

Rótula SI

BRF1-2-00-502-DURBAL - BRF1-2-00-502-DURBAL

<https://www.123rolamento.pt/rolamento-mancal/rotula/si/brf1-2-00-502-durbal>

BRF1/2-00-502

**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:**  
DN 3425 D1/A (sizes 1/4 and 3/8)  
DN 71 412 H1 (sizes 1/2 and 1/1)

**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      | d1     | d2   | d3                  | d4                     | d5                | d6   | d7   | b1     | b3        |
| BRF 1/2 -00           | -502              |                       | .500   | .748 | .5000-20 UNF        | .574                   | 1.311             | .874 | .624 | .472   |           |
| measurements [inches] |                   |                       | weight |      | calculation factors | rotational speed limit | basic load rating |      |      |        |           |
| type                  | h                 | l                     | l1     | l2   | SW                  | alpha                  | Y                 | Yc   | rpm  | dyn. C | stat. C0  |
| BRF 1/2               | 2.145             | 1.102                 | .279   | .649 | .757                | 7.5                    | 0.127             | 1.74 | 1.82 | 1125   | 4850 1850 |

CARACTERÍSTICAS DO PRODUTO

|                   |                |
|-------------------|----------------|
| Marca             | DURBAL         |
| Nº Ean13          | 3663952510156  |
| Diâmetro interior | 12.7 mm        |
| Diâmetro exterior | 33.3 mm        |
| Espessura         | 15.85 mm       |
| Tipo              | SI             |
| Peso              | 127 g          |
| Linha             | Rosca esquerda |
| Lubrificação      | com            |
| Embalagem         | 1              |

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