

SI Rod end BRF5-8-00-502-DURBAL - BRF5-8-00-502-DURBAL

<https://www.123bearing.com/bearing-housing/rod-end/si/brf5-8-00-502-durbal>

BRF5/8-00-502



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 ₁ | d ₂ | d ₃ | d ₄ | d ₅ | d ₆ | d ₇ | b ₁ | b ₂ | |
| BRF 5/8 -00 | | -502 | .625 | .866 | .6250-18 UNF | .744 | 1.653 | 1.062 | .826 | .590 | | |
| measurements [inches] | | weight | calculation factors | rotational speed limit | basic load rating stat. | | | | | | | |
| type | h | l | l ₁ | l ₂ | SW | α [°] | weight [kg] | Y | % | rpm | C [N] | C ₀ [N] |
| BRF 5/8 | 2.539 | 1.102 | .322 | .885 | .866 | 8.0 | 0,220 | 2,24 | 2,35 | 975 | 6250 | 2350 |

PRODUCT FEATURES

| | |
|------------------|------------------|
| Brand | DURBAL |
| N° Ean13 | 3663952510163 |
| Inside diameter | 15.88 mm |
| Outside diameter | 41.99 mm |
| Thickness | 20.98 mm |
| Type | SI |
| Weight | 220 g |
| Thread | Left-hand thread |
| Lubrication | with |
| Packaging | 1 |

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