

# SI Rod end

## BRF1-1-00-502-DURBAL - BRF1-1-00-502-DURBAL

<https://www.123bearing.eu/bearing-housing/rod-end/si/brf1-1-00-502-durbal>

**BRF1/1-00-502**

**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	d1	d2	d3 Class 2	d4	d5	d6	d7	b1	b2	b3
BRF 1/1 -00	-502	1.000	1.171	1.0000-12 UNF	1.161	2.519	1.377	1.220	.866		
measurements [inches]		weight	calculation factors	rotational speed limit	basic load rating stat.						
type	h	l	l1	l2	SW	α [°]	Y	Trmax [mm]	C [N]	C0 [N]	
BRF 1/1	3.720	1.653	.236	1.279	1.181	5.0	0.570	2.02 2.12	600	11030 5680	

### PRODUCT FEATURES

Brand	DURBAL
N° Ean13	3663952510200
Inside diameter	25.4 mm
Outside diameter	63.98 mm
Thickness	30.99 mm
Type	SI
Weight	570 g
Thread	Left-hand thread
Lubrication	with
Packaging	1

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