

## SI Rod end

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

<https://www.123bearing.co.uk/bearing-housing/rod-end/si/brf3-8-00-502-durbal>

**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> 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>	b <sub>3</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 [°]	weight [kg]	Y	%	rpm	C [N]	C <sub>0</sub> [N]	stat. [N]
BRF 3/8	1.712	.787	.299	.590	.669	8.0	0,072	1,87	1,83	1225	4360	1425	

## PRODUCT FEATURES

Brand	DURBAL
N° Ean13	3663952510125
Inside diameter	9.53 mm
Outside diameter	27.99 mm
Thickness	14 mm
Type	SI
Weight	72 g
Thread	Left-hand thread
Lubrication	with
Packaging	1

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