

# Rotule SI

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

<https://www.123roulement.ch/roulement-palier/rotule/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:**  
DIN 3405 D1/A (sizes 1/4 and 3/8)  
DIN 71 412 H1 (sizes 1/2 and 1 1/2)

**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	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 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	l <sub>1</sub>	l <sub>2</sub>	SW	α [°]	Y	Y <sub>2</sub>	lim [rpm]	C <sub>dyn</sub> [N]	C <sub>stat</sub> [N]	
BRF 1/2	2.145	1.102	.279	.649	.757	7.5	0,127	1,74	1,82	1125	4850	1850

## CARACTÉRISTIQUES PRODUIT

Marque	DURBAL
N° Ean13	3663952510156
Diam. intérieur	12.7 mm
Diam. extérieur	33.3 mm
Épaisseur	15.85 mm
Type	SI
Poids	127 g
Filetage	Filetage à gauche
Lubrification	avec
Conditionnement	1

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