

## SI Rod end BRF18-00-501-DURBAL - BRF18-00-501-DURBAL

<https://www.123bearing.eu/bearing-housing/rod-end/si/brf18-00-501-durbal>

### BRF18-00-501



**rod end housing:**  
forged steel, case-hardened bearing race, superfinished, surface galvanized, free of Cr VI.

**inner ring:**  
ball bearing steel, hardened, superfinished.

**lubrication:**  
aluminium-complex-soap-grease, temperature range -45 °C to +120 °C, approval according to USDA H1

**lubrication fitting:**  
DIN 3405 D1/A (sizes 6 to 10)  
DIN 71 412 H1 (sizes 12 to 30)

**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, adapter sizes according to DIN ISO 12240-4, series K

order number		measurements [mm]									
type	right-hand thread, left-hand thread	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	d <sub>7</sub>	b <sub>1</sub>	b <sub>2</sub>	h	
BRF 18 -00	-501	18	25,0	M 18 x 1,5	21,5	46	31	23	16,5	71	
measurements [mm]		weight		calculation-factors		rotational speed limit		basic load rating		stat.	
type	l	l <sub>1</sub>	l <sub>2</sub>	SW	α [°]	β [°]	Y	Y <sub>0</sub>	n <sub>max</sub> [min <sup>-1</sup> ]	C [N]	C <sub>0</sub> [N]
BRF 18	32	10,0	24	27	8,5	0,293	2,21	2,31	900	7100	2900

## PRODUCT FEATURES

Brand	DURBAL
N° Ean13	3663952507262
Inside diameter	18 mm
Outside diameter	46 mm
Thickness	23 mm
Type	SI
Weight	293 g
Thread	Right-hand thread
Lubrication	with
Packaging	1

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