

# Rotule SI

## BRF12-00-501-DURBAL - BRF12-00-501-DURBAL

<https://www.123roulement.be/roulement-palier/rotule/si/brf12-00-501-durbal>

### BRF12-00-501



**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	type	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	d <sub>5</sub>	d <sub>7</sub>	l	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	SW	h
BRF 12 -00	-501	12	17,5	M 12	14,5	32	22	16	12,0	50			
measurements [mm]		weight		calculation factors		rotational speed limit		basic load rating					
type	l	l <sub>1</sub>	l <sub>2</sub>	SW	α [°]	Y	Y <sub>0</sub>	n <sub>max</sub> [min <sup>-1</sup> ]	C [N]	C <sub>0</sub> [N]			
BRF 12	22	6,5	16	19	7,5	0,107	1,74	1,82	1125	4950	1800		

## CARACTÉRISTIQUES PRODUIT

Marque	DURBAL
N° Ean13	3663952507217
Diam. intérieur	12 mm
Diam. extérieur	32 mm
Epaisseur	16 mm
Type	SI
Poids	107 g
Filetage	Filetage à droite
Lubrification	avec
Conditionnement	1

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