

## SA Rod end BRM18-00-502-DURBAL - BRM18-00-502-DURBAL

<https://www.123bearing.eu/bearing-housing/rod-end/sa/brm18-00-502-durbal>

**BRM18-00-502**



**male thread:**  
long-term lubrication, low maintenance, shields, adapter sizes according to DIN ISO 12240-4, series K

**DURBAL® heavy-duty rod ends with integral self-aligning ball bearing**

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

**inner ring:**  
self-bearing steel, hardened, superfinished

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

**lubrication fitting:**  
DIN 2425 D1/A (sizes 6 to 10)  
DIN 21 412 H1 (sizes 12 to 30)

**bearing clearance:**  
10 - 30 µm radial

**tolerances:**  
see page 10

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>	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	h
<b>BRM 18 -00</b>		<b>-502</b>	18	M 18 x 1,5	21,5	46	23	16,5	72		
measurements [mm]		weight	calculation-factors		rotational speed limit	basic load rating					
Type	l	l <sub>3</sub>	α [°]	Y	v <sub>0</sub>	C	d <sub>yn</sub> [N]	stat. C <sub>0</sub> [N]	stat. C <sub>10</sub> [N]		
<b>BRM 18</b>	44	25	8,5	0,270	2,21	2,31	900	7100	2900		

### PRODUCT FEATURES

Brand	DURBAL
N° Ean13	3663952507057
Inside diameter	18 mm
Inside diameter	0.709" inch
Outside diameter	46 mm
Outside diameter	1.811" inch
Thickness	23 mm
Thickness	0.906" inch
Type	SA
Weight	270 g
Thread	Left-hand thread
Lubrication	with
Packaging	1

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