

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

<https://www.123bearing.com/bearing-housing/rod-end/si/brf18-00-501-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:
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	d ₁	d ₂	d ₃	d ₄	d ₅	d ₆	d ₇	b ₁	b ₂	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 ₁	l ₂	SW	α [°]	β [g]	Y	Y ₀	n _{max} [min ⁻¹]	C [N]	C ₀ [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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