

SI Rod end

BRF06-00-501-DURBAL - BRF06-00-501-DURBAL

<https://www.123bearing.com/bearing-housing/rod-end/si/brf06-00-501-durbal>

BRF06-00-501



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 ₁	d ₂	d ₃	d ₄	d ₅	d ₆	d ₇	b ₁	b ₂	b ₃	h
BRF 06 -00	-501	6	10,0	M 6	9,0	20	13	9	6,75	30		
measurements [mm]		weight		calculation-factors		rotational speed limit		basic load rating		stat.		
type	l	l ₁	l ₂	SW	α [°]	β [g]	γ	ν	n _{max} [min ⁻¹]	C [N]	C ₀ [N]	
BRF 06	12	5,0	10	11	8,0	0,024	2,09	2,19	1350	2750	650	

PRODUCT FEATURES

Brand	DURBAL
N° Ean13	3663952507149
Inside diameter	6 mm
Inside diameter	0.236" inch
Outside diameter	20 mm
Outside diameter	0.787" inch
Thickness	9 mm
Thickness	0.354" inch
Type	SI
Weight	24 g
Thread	Right-hand thread
Lubrication	with
Packaging	1

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