

SI Rod end

BRF1-2-00-502-DURBAL - BRF1-2-00-502-DURBAL

<https://www.123bearing.com/bearing-housing/rod-end/si/brf1-2-00-502-durbal>

BRF1/2-00-502



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

inner ring:
ball bearing steel, hardened, superfinished

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

lubrication fitting:
DIN 3405 D1/A (sizes 1/4 and 3/8)
DIN 71 412 H1 (sizes 1/2 and 1 1/4)

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, dimensions in inches

order number		measurements [inches]										
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
BRF 1/2 -00	-502		500	.748	5000-20 UNF	574	1.311	.874	.624	.472		
measurements [inches]		weight	calculation factors	rotational speed limit	basic load rating stat.							
type	h	l	l ₁	l ₂	SW	α [°]	weight [kg]	Y	%	rpm	C [N]	C ₀ [N]
BRF 1/2	2.145	1.102	.279	.649	.757	7.5	0,127	1,74	1,82	1125	4850	1850

PRODUCT FEATURES

Brand	DURBAL
N° Ean13	3663952510156
Inside diameter	12.7 mm
Inside diameter	1/2" inch
Outside diameter	33.3 mm
Outside diameter	1.311" inch
Thickness	15.85 mm
Thickness	0.624" inch
Type	SI
Weight	127 g
Thread	Left-hand thread
Lubrication	with
Packaging	1

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