

SI Rod end

BRF1-1-01-502-DURBAL - BRF1-1-01-502-DURBAL

<https://www.123bearing.eu/bearing-housing/rod-end/si/brf1-1-01-502-durbal>

BRF1/1-01-502

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 Class 2	d ₄	d ₅	d ₆	d ₇	b ₁	b ₂	
BRF 1/1 -01		-502	1.000	1.171	1.0000-14 UNS	1.161	2.519	1.377	1.220	.866		
measurements [inches]		weight	calculation factors	rotational speed limit	basic load rating							
type	h	l	l ₁	l ₂	SW	α [°]	l [kg]	Y	%	lim [rpm]	C [N]	C ₀ [N]
BRF 1/1	3.720	1.653	.236	1.279	1.181	5.0	0,570	2,02	2,12	600	11030	5680

PRODUCT FEATURES

Brand	DURBAL
N° Ean13	3663952510231
Inside diameter	25.4 mm
Outside diameter	63.98 mm
Thickness	30.99 mm
Type	SI
Weight	570 g
Thread	Left-hand thread
Lubrication	with
Packaging	1
Standard	No standard

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