

SA Rod end BRM12-00-502-DURBAL - BRM12-00-502-DURBAL

<https://www.123bearing.co.uk/bearing-housing/rod-end/sa/brm12-00-502-durbal>

BRM12-00-502



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 2455 D11A (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 | Left-hand thread | M12 thread | d ₁ | d ₂ | d ₃ | d ₄ | d ₅ | b ₁ | b ₂ | h | |
| BRM 12 -00 | -502 | | 12 | M 12 | | 14,5 | 32 | 16 | 12,0 | 54 | |
| measurements [mm] | | weight | calculation-factors | | rotational speed limit | basic load rating | | | | | |
| Type | l | l ₃ | α [°] | weight [kg] | Y | v ₀ | C | d _{ym} [N] | stat. C ₀ [N] | rating [N] | |
| BRM 12 | 33 | 19 | 7,5 | 0,087 | 1,74 | 1,82 | 1125 | 4950 | 1800 | | |

PRODUCT FEATURES

| | |
|------------------|------------------|
| Brand | DURBAL |
| N° Ean13 | 3663952506982 |
| Inside diameter | 12 mm |
| Outside diameter | 32 mm |
| Thickness | 16 mm |
| Type | SA |
| Weight | 87 g |
| Thread | Left-hand thread |
| Lubrication | with |
| Packaging | - |
| Standard | No standard |

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