

## SA Rod end PM05-00-502-DURBAL - PM05-00-502-DURBAL

<https://www.123bearing.com/bearing-housing/rod-end/sa/pm05-00-502-durbal>

### PM05-00-502



**male thread:**  
long-term lubrication, low maintenance, shields

**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:**  
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

**bearing clearance:**  
10 - 30 µm radial

**tolerances:**  
see page 10

| order number      |                | measurements [mm] |                |                     |                | measurements [mm]      |                |                   |                | measurements [mm] |                |                                       |                |                    |
|-------------------|----------------|-------------------|----------------|---------------------|----------------|------------------------|----------------|-------------------|----------------|-------------------|----------------|---------------------------------------|----------------|--------------------|
| type              | type           | type              | type           | type                | d <sub>1</sub> | d <sub>2</sub>         | d <sub>3</sub> | d <sub>4</sub>    | d <sub>5</sub> | d <sub>7</sub>    | b <sub>1</sub> | b <sub>2</sub>                        | b <sub>3</sub> |                    |
| PM 05 -00         | -502           | S                 | M              | 8 x 1               | 7.5            | 19                     | 12             | 12                | 12             | 8                 |                |                                       |                |                    |
| measurements [mm] |                | weight            |                | calculation factors |                | rotational speed limit |                | basic load rating |                | dyn.              |                | stat.                                 |                |                    |
| type              | l <sub>1</sub> | l <sub>2</sub>    | l <sub>3</sub> | h <sub>1</sub>      | h <sub>2</sub> | u                      | z              | α                 | α'             | Y                 | Y <sub>c</sub> | n <sub>max</sub> [min <sup>-1</sup> ] | C [N]          | C <sub>0</sub> [N] |
| PM 05             | 39,5           | 13                | 57             | 1,5                 | 2,5            | 7,0                    | 0,037          |                   |                | 1,51              | 1,58           | 1350                                  | 1610           | 480                |

## PRODUCT FEATURES

|                  |                  |
|------------------|------------------|
| Brand            | DURBAL           |
| N° Ean13         | 3663952507439    |
| Inside diameter  | 5 mm             |
| Outside diameter | 19 mm            |
| Thickness        | 12 mm            |
| Type             | SA               |
| Weight           | 37 g             |
| Thread           | Left-hand thread |
| Lubrication      | with             |
| Packaging        | 1                |

[contact@123bearing.com](mailto:contact@123bearing.com)

(646) 712 9672

CRT4 de Lesquin 60 Rue Du Haut De Sainghin 59273 Fretin FRANCE