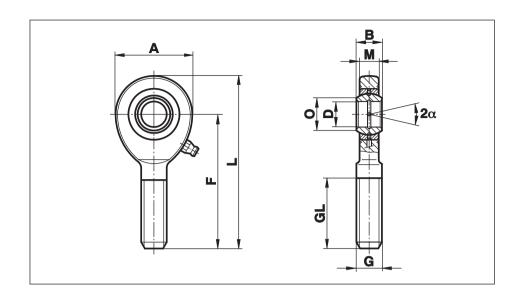
## Rod Ends Series E - Steel on Steel

## Series EA (-2RS)

Rod Ends with male thread made from freecutting or heat-treated steel, zinc plated, with steel on steel Spherical Plain Bearings which require lubrication

For use at high multidirectional loads and limited fitting dimensions



| Size<br>(D) | В  | М    | Α   | F   | L     | 0    | G        | GL  | Static<br>load C <sub>0</sub><br>kN | Dynamic<br>load C<br>kN | Pivoting angle α | Weight<br>g |
|-------------|----|------|-----|-----|-------|------|----------|-----|-------------------------------------|-------------------------|------------------|-------------|
| 6           | 6  | 4,4  | 20  | 36  | 46,0  | 8,0  | M 6      | 18  | 6,9                                 | 3,4                     | 13               | 16          |
| 8           | 8  | 6,0  | 24  | 42  | 54,0  | 10,2 | M 8      | 22  | 12,7                                | 5,5                     | 15               | 28          |
| 10          | 9  | 7,0  | 28  | 48  | 62,0  | 13,2 | M 10     | 26  | 19,9                                | 8,1                     | 12               | 50          |
| 12          | 10 | 8,0  | 34  | 54  | 71,0  | 14,9 | M 12     | 28  | 29,0                                | 10,8                    | 11               | 86          |
| 15          | 12 | 10,0 | 40  | 63  | 83,0  | 18,4 | M 14     | 34  | 39,5                                | 17,0                    | 8                | 140         |
| 16          | 14 | 11,0 | 46  | 69  | 92,0  | 20,7 | M 16     | 36  | 54,0                                | 21,2                    | 10               | 190         |
| 17          | 14 | 11,0 | 46  | 69  | 92,0  | 20,7 | M 16     | 36  | 54,0                                | 21,2                    | 10               | 190         |
| 20          | 16 | 13,0 | 53  | 78  | 104,5 | 24,2 | M 20x1,5 | 43  | 62,5                                | 30,0                    | 9                | 320         |
| 25          | 20 | 17,0 | 64  | 94  | 126,0 | 29,3 | M 24x2   | 53  | 92,0                                | 48,0                    | 7                | 560         |
| 30          | 22 | 19,0 | 73  | 110 | 146,5 | 34,2 | M 30x2   | 65  | 124,0                               | 62,0                    | 6                | 890         |
| 35          | 25 | 21,0 | 82  | 140 | 181,0 | 39,8 | M 36x3   | 82  | 144,0                               | 80,0                    | 6                | 1400        |
| 40          | 28 | 23,0 | 92  | 150 | 196,0 | 45,0 | M 39x3   | 86  | 178,0                               | 100,0                   | 7                | 1800        |
| 45          | 32 | 27,0 | 102 | 163 | 214,0 | 50,8 | M 42x3   | 94  | 263,0                               | 127,0                   | 7                | 2610        |
| 50          | 35 | 30,0 | 112 | 185 | 241,0 | 56,0 | M 45x3   | 107 | 320,0                               | 156,0                   | 6                | 3450        |
| 60          | 44 | 38,0 | 135 | 210 | 277,5 | 66,8 | M 52x3   | 115 | 497,0                               | 245,0                   | 6                | 5900        |
| 70          | 49 | 42,0 | 160 | 235 | 315,0 | 77,9 | M 56x4   | 125 | 566,0                               | 315,0                   | 6                | 8200        |
| 80          | 55 | 47,0 | 180 | 270 | 360,0 | 89,4 | M 64x4   | 140 | 752,0                               | 400,0                   | 6                | 12000       |

## **Materials:**

**Housing:** up to size 10 turned, from free-cutting steel to 9SMnPb28K, 12L13

from size 12 forged from heat-treated steel to C45, Aisi 1045

Bearing: Steel on steel bearing GE...E, requiring lubrication (see page 56)

from size 20 available sealed from both sides (-2RS)

**Greasing:** up to size 17 without lubrication fitting

from size 20 fitted with hydraulic grease nipples to DIN 71412