

# PF

Data sheet - rev. 1.0

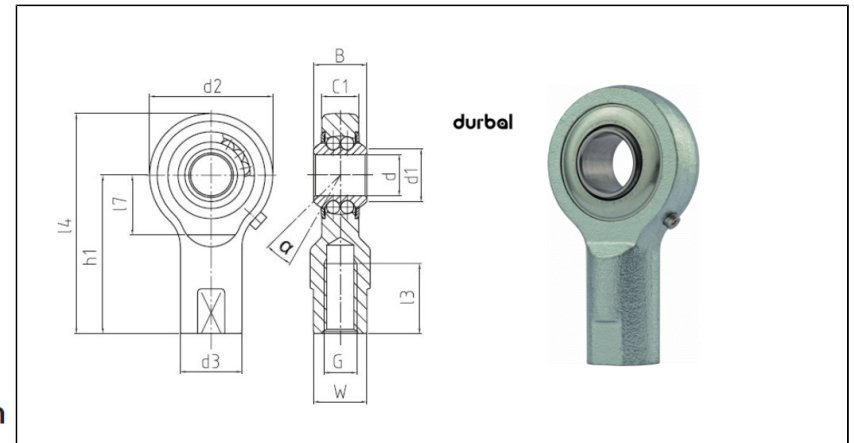
## Rod Ends - Premium Line

Rod ends with ball bearing, female thread, low maintenance, lubrication possible

### FEATURES AND ADVANTAGES

- **HOUSING:** 17Cr3 forged steel, case hardened bearing race, superfinished, surface galvanized, free of Cr VI
- **INNER RING:** 100Cr6 ball bearing steel, hardened, superfinished
- **ROLLING ELEMENT:** 100Cr6 ball bearing steel, hardened, superfinished
- **MAINTENANCE:** low maintenance, lubrication possible, aluminium-complex-soap-grease, approval according to USDA H1
- **GREASE NIPPLE:** DIN 3405 D1/A, further grease nipples
- **TEMPERATURE RANGE:** -45° C to +120° C
- **USE & MAINTENANCE :** [see this page](#)
- **STATIC LOAD SERVICE LIFE :** [see this page](#)
- **TOLERANCES :** [see this page](#)

### COMPONENTS AND DIMENSIONS



| Type              |                  | Measurements [mm] |     |      |    |      |      |    |    |    |    |       |       |    |    |    | Tilt angle | Rotational speed limit                | Axial factor |      | Basic load rating |              | Radial clearance | Weight |
|-------------------|------------------|-------------------|-----|------|----|------|------|----|----|----|----|-------|-------|----|----|----|------------|---------------------------------------|--------------|------|-------------------|--------------|------------------|--------|
| Right hand thread | Left hand thread | d                 | G   | B    | C1 | h/h1 | d1   | d2 | d3 | d4 | dk | l1/l3 | l2/l4 | l5 | l7 | W  | α (°)      | n <sub>max</sub> (min <sup>-1</sup> ) | Y            | Y0   | dyn C (kN)        | stat C0 (kN) | CN (µm)          | kg     |
| PF 10 - 00 - 501  | PF 10 - 00 - 502 | 10                | M8  | 13   | 9  | 38   | 13   | 30 | 15 | -  | -  | 17    | 53    | -  | 15 | 13 | 7          | 1225                                  | 1.9          | 1.81 | 2.6               | 1            | 10-30            | 0.06   |
| PF 15 - 00 - 501  | PF 15 - 00 - 502 | 15                | M12 | 16.5 | 12 | 51   | 17.5 | 40 | 19 | -  | -  | 24    | 71    | -  | 20 | 17 | 7          | 1025                                  | 2.3          | 2.41 | 5                 | 1.9          | 10-30            | 0.14   |
| PF 20 - 00 - 501  | PF 20 - 00 - 502 | 20                | M16 | 20.5 | 15 | 65   | 24   | 48 | 22 | -  | -  | 32    | 89    | -  | 22 | 19 | 6.5        | 850                                   | 2.34         | 2.45 | 6.1               | 3            | 10-30            | 0.22   |

# ROTATIONAL UNITS