

| Position | Description | Material |
|----------|----------------------|----------------------|
| 01 | Body 1 | C.S. 1.0619 |
| 02 | Body 2 | C.S. 1.0619 |
| 03 | Ball | 1.4408+Cr-Carbide |
| 05 | Stem | XM-19 |
| 06 | Stem seal | S.S. 1.4401 Nitrided |
| 07 | Stem packing | Graphite |
| 07a | Stem packing 2 | Graphite |
| 08a | Gland packing 1 | S.S. 1.4401 |
| 08b | Gland packing 2 | S.S. 1.4401 |
| 09 | Spring washer | Inconel X718 |
| 11 | Cover | S.S. 1.4408 |
| 13 | Cover bolt | A4-70 |
| 14 | Body seal 1 | Graphite |
| 15 | Body bolt | A2-70 |
| 16 | Handle | WCB |
| 17 | Handle bolt | 1.045(8.8) |
| 19 | Spring | S.S. 1.4401 |
| 20 | Antistatic ball | S.S. 1.4401 |
| 34 | Body seal 2 | Graphite |
| 43 | Seat seal | Graphite |
| 44b | Ring seat 2 | S.S. 1.4401 |
| 45 | Spring seat | Inconel X750 |
| 46 | Seat seal | Graphite |
| 47 | Metal seat | 1.4401+Cr-Carbide |
| 50 | Subjection ring | S.S. 1.4021 |
| 110 | Subjection ring seal | S.S. 1.4401 Nitrided |
| 165 | Stem bearing | Carbongraphite |

General features

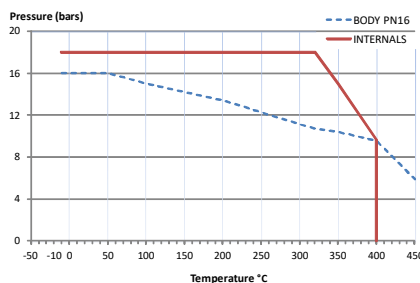
- Floating ball.
- Split body.
- Full bore.
- Metal to Metal.
- Bidirectional.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Autoadjustable packing.
- Anti static device.
- Self-cavity pressure relief.

Standards

- Top flange ISO 5211
- Flanges EN 1092-01
- Face to face EN 558
- Testing EN-12266, ISO 5208
- Design EN-12516, ISO 17292

Official approvals

- CERTIFICATE FIRE SAFE
- TA-LUFT VDI 2440
- ISO 15848-1
- ATEX 2014/34/EU
- PED 2014/68/EU
- SIL 3 CAPABLE



PEKOS GROUP CERTIFICATES:

ISO 9001: 2015 / 2014/68/EU /API-6D



DIMENSIONS & Technical information

| DN | PN | D | L | E | A | B | C | F | H | G | V | X | Y | Z | n x d | ISO 5211 | Torque | MAST | Weight |
|-----|----|-----|-----|-----|-----|-----|----|-----|-----|-----|----|----|----|------|---------|----------|--------|------|--------|
| 15 | 16 | 15 | 115 | 95 | 45 | 65 | 16 | 51 | 185 | 105 | 14 | 11 | 11 | 13,5 | 4 x 14 | F05 | 18 | 81 | 3 |
| 20 | 16 | 20 | 120 | 105 | 58 | 75 | 18 | 53 | 185 | 107 | 14 | 11 | 11 | 13,5 | 4 x 14 | F05 | 23 | 81 | 4 |
| 25 | 16 | 25 | 125 | 115 | 68 | 85 | 18 | 59 | 185 | 113 | 18 | 14 | 17 | 19,5 | 4 x 14 | F05 | 32 | 175 | 5 |
| 32 | 16 | 32 | 130 | 140 | 78 | 100 | 18 | 64 | 185 | 118 | 18 | 14 | 17 | 19,5 | 4 x 18 | F05 | 53 | 175 | 6 |
| 40 | 16 | 40 | 140 | 150 | 88 | 110 | 18 | 75 | 293 | 145 | 22 | 17 | 20 | 30 | 4 x 18 | F07 | 71 | 464 | 8 |
| 50 | 16 | 50 | 150 | 165 | 102 | 125 | 20 | 83 | 293 | 153 | 22 | 17 | 20 | 30 | 4 x 18 | F07 | 100 | 464 | 11 |
| 65 | 16 | 65 | 170 | 185 | 122 | 145 | 18 | 96 | 293 | 166 | 22 | 17 | 20 | 30 | 8 x 18 | F07 | 127 | 464 | 17 |
| 80 | 16 | 80 | 180 | 200 | 138 | 160 | 20 | 114 | 450 | 205 | 28 | 22 | 22 | 40 | 8 x 18 | F10 | 195 | 969 | 22 |
| 100 | 16 | 100 | 190 | 220 | 158 | 180 | 20 | 128 | 450 | 220 | 28 | 22 | 22 | 40 | 8 x 18 | F10 | 253 | 969 | 30 |
| 125 | 16 | 125 | 325 | 250 | 188 | 210 | 22 | 158 | 740 | 267 | 36 | 27 | 35 | 50 | 8 x 18 | F12 | 552 | 1990 | 56 |
| 150 | 16 | 150 | 350 | 285 | 212 | 240 | 22 | 175 | 740 | 284 | 36 | 27 | 35 | 50 | 8 x 22 | F12 | 874 | 1990 | 75 |
| 200 | 16 | 200 | 400 | 340 | 268 | 295 | 24 | 245 | 750 | 362 | 48 | 36 | 40 | 63 | 12 x 22 | F14 | 1242 | 4716 | 134 |

** Depending on service conditions.

* Dimensions are in mm.

* Torque & MAST are in Nm.

* Weight is in Kilograms

* Torque values have been measured ΔP at maximum rating at room temperature