

| 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            | PTFE (modified)+FG   |
| 07       | Stem packing         | PTFE (modified)      |
| 07a      | Stem packing 2       | Graphite             |
| 08a      | Gland packing 1      | S.S. 1.4401          |
| 08b      | Gland packing 2      | S.S. 1.4401          |
| 09       | Spring washer        | S.S. 1.4310          |
| 11       | Cover                | S.S. AISI 316        |
| 13       | Cover bolt           | S.S. 1.4401          |
| 14       | Body seal 1          | PTFE (modified)      |
| 15       | Body bolt            | A2-70                |
| 19       | Spring               | S.S. 1.4401          |
| 20       | Antistatic ball      | S.S. 1.4401          |
| 31       | Bearing              | PTFE (modified)      |
| 32       | Bearing disk         | PTFE (modified)+FG   |
| 33       | Support bearing      | S.S. AISI 316        |
| 34       | Body seal 2          | Graphite             |
| 47       | Metal seat           | 1.4401+Cr-Carbide    |
| 48       | O ring spring        | FKM                  |
| 50       | Subjection ring      | S.S. AISI 304        |
| 108      | O ring seat          | FKM                  |
| 110      | Subjection ring seal | S.S. 1.4401 Nitrided |
| 165      | Stem bearing         | PTFE (modified)+FG   |

**General features**

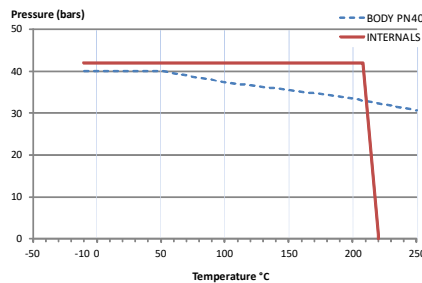
- Full trunnion.
- Split body.
- Full bore.
- Metal to Metal.
- Bidirectional.
- Anti Blow out proof stem.
- Autoadjustable packing.
- Anti static device.
- Self-cavity pressure relief.

**Standards**

- Top flange ISO 5211
- Flanges EN 1092-01
- Face to face EN-12982
- 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 |
|-----|----|-----|-----|-----|-----|-----|----|-----|-----|-----|----|----|----|----|---------|----------|--------|------|--------|
| 150 | 40 | 150 | 350 | 300 | 218 | 250 | 28 | 175 | 740 | 284 | 36 | 27 | 35 | 50 | 8 x 26  | F12      | 1575   | 1990 | 83     |
| 200 | 40 | 200 | 400 | 375 | 285 | 320 | 34 | 245 | 750 | 362 | 48 | 36 | 40 | 63 | 12 x 30 | F14      | 2456   | 4716 | 147    |

\*\* 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