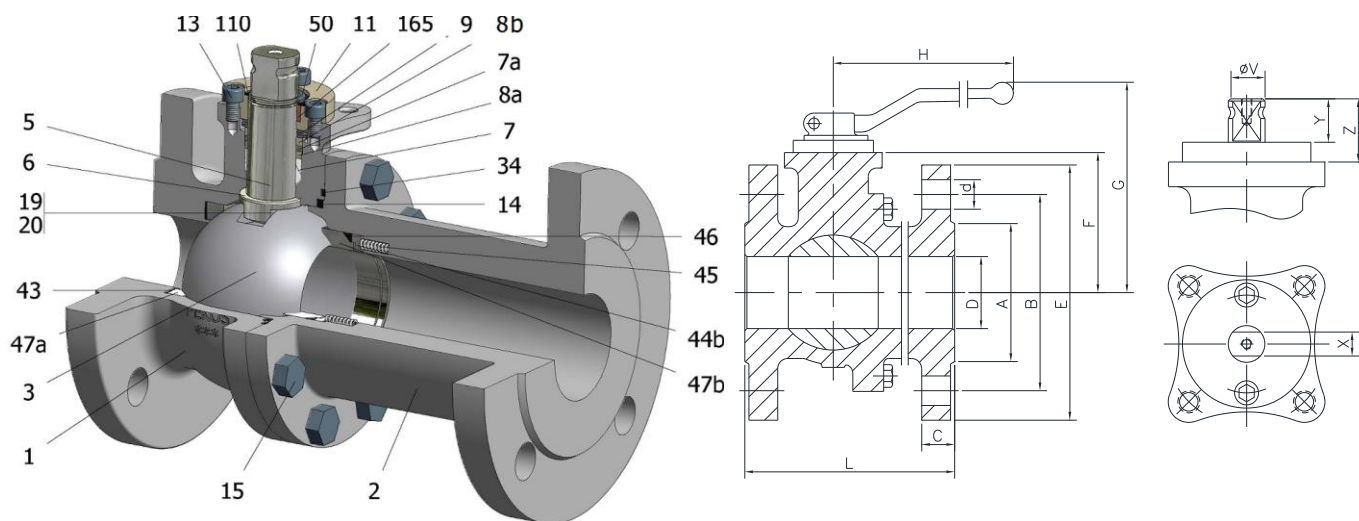


FIG.ZMS 26 CGGG PN16 DN15-200 F1



| Position | Description          | Material             |
|----------|----------------------|----------------------|
| 01       | Body 1               | S.S. 1.4408          |
| 02       | Body 2               | S.S. 1.4408          |
| 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            | A4-70                |
| 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**

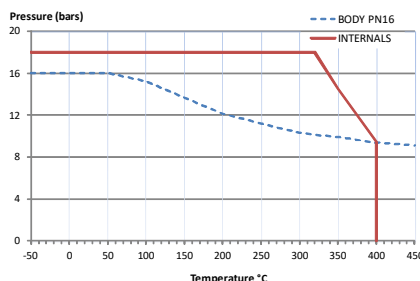
- Floating ball.
- Split body.
- Full bore.
- Metal to Metal.
- Bidirectional.
- Spring loaded seat system.
- Anti Blow out proof stem.
- Autoadjustable packing.
- Anti static device.
- Self-cavity pressure relief.

**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  | 130 | 95  | 45  | 65  | 16 | 51  | 185 | 105 | 14 | 11 | 11 | 13,5 | 4 x 14  | F05      | 18     | 81   | 3      |
| 20  | 16 | 20  | 150 | 105 | 58  | 75  | 18 | 53  | 185 | 107 | 14 | 11 | 11 | 13,5 | 4 x 14  | F05      | 23     | 81   | 4      |
| 25  | 16 | 25  | 160 | 115 | 68  | 85  | 18 | 59  | 185 | 113 | 18 | 14 | 17 | 19,5 | 4 x 14  | F05      | 32     | 175  | 5      |
| 32  | 16 | 32  | 180 | 140 | 78  | 100 | 18 | 64  | 185 | 118 | 18 | 14 | 17 | 19,5 | 4 x 18  | F05      | 53     | 175  | 7      |
| 40  | 16 | 40  | 200 | 150 | 88  | 110 | 18 | 75  | 293 | 145 | 22 | 17 | 20 | 30   | 4 x 18  | F07      | 71     | 464  | 9      |
| 50  | 16 | 50  | 230 | 165 | 102 | 125 | 18 | 83  | 293 | 153 | 22 | 17 | 20 | 30   | 4 x 18  | F07      | 100    | 464  | 13     |
| 65  | 16 | 65  | 290 | 185 | 122 | 145 | 18 | 96  | 293 | 166 | 22 | 17 | 20 | 30   | 8 x 18  | F07      | 127    | 464  | 20     |
| 80  | 16 | 80  | 310 | 200 | 138 | 160 | 20 | 114 | 450 | 205 | 28 | 22 | 22 | 40   | 8 x 18  | F10      | 195    | 969  | 26     |
| 100 | 16 | 100 | 350 | 220 | 158 | 180 | 20 | 128 | 450 | 220 | 28 | 22 | 22 | 40   | 8 x 18  | F10      | 253    | 969  | 36     |
| 125 | 16 | 125 | 400 | 250 | 188 | 210 | 22 | 158 | 740 | 267 | 36 | 27 | 35 | 50   | 8 x 18  | F12      | 552    | 1990 | 63     |
| 150 | 16 | 150 | 480 | 285 | 212 | 240 | 22 | 175 | 740 | 284 | 36 | 27 | 35 | 50   | 8 x 22  | F12      | 874    | 1990 | 94     |
| 200 | 16 | 200 | 600 | 340 | 268 | 295 | 24 | 245 | 750 | 362 | 48 | 36 | 40 | 63   | 12 x 22 | F14      | 1242   | 4716 | 151    |

\*\* 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