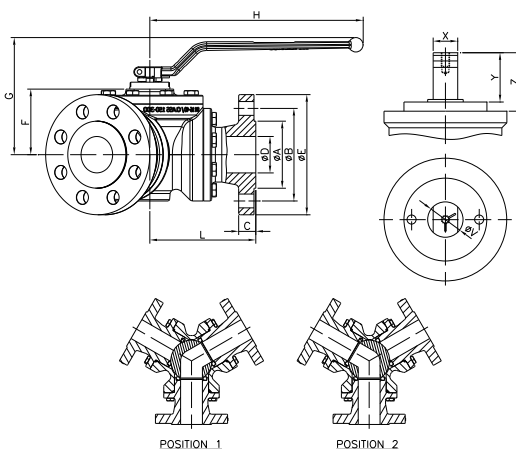
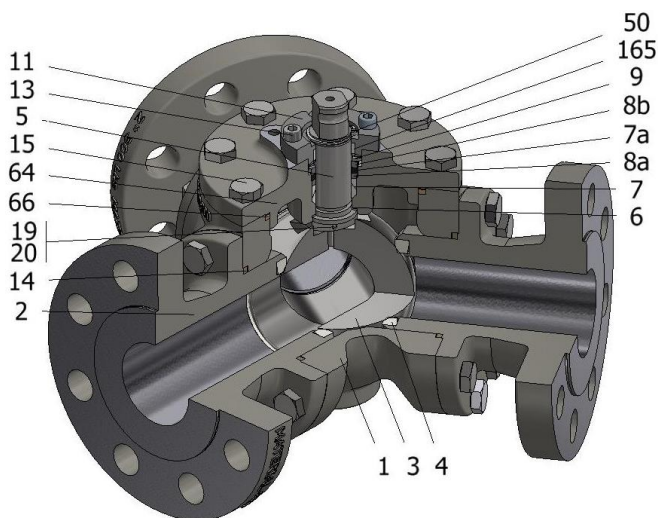


FIG. Z 86 TTT PN 40 DN 25/100 Y Type 120°



| Position | Description | Material |
|----------|----------------------|--------------------|
| 01 | Body 1 | S.S. 1.4408 |
| 02 | Body 2 | S.S. 1.4408 |
| 03 | Ball | S.S. 1.4408 |
| 04 | Seat | PTFE (modified) |
| 05 | Stem | S.S. 1.4401 |
| 06 | Stem seal | PTFE (modified)+FG |
| 07a | Stem packing 1 | 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. 1.4408 |
| 13 | Cover bolt | A4-70 |
| 14 | Body seal 1 | PTFE (modified) |
| 15 | Body bolt | A4-70 |
| 19 | Spring | S.S. 1.4401 |
| 20 | Ball | S.S. 1.4401 |
| 50 | Subjection ring | 1.4301 |
| 64 | Body cover extension | S.S. 1.4408 |
| 66 | Body cover seal | PTFE (modified) |
| 165 | Stem bearing | PTFE (modified)+FG |

General features

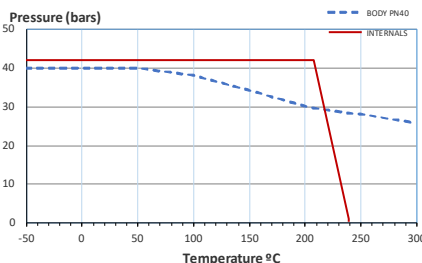
- Floating ball.
- Split body.
- Full bore.
- Soft seat.
- Three way.
- Anti Blow out stem.
- Autoadjustable packing.
- Anti static device.
- Self-cavity pressure relief.

Standards

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

Official approvals

- 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 |
|-----|----|-----|-----|-----|-----|-----|----|-------|-----|-----|----|----|----|------|--------|----------|--------|------|--------|
| 25 | 40 | 25 | 115 | 115 | 68 | 85 | 18 | 66 | 185 | 122 | 18 | 14 | 17 | 19,5 | 4 x 14 | F05 | 27 | 95 | 14 |
| 40 | 40 | 40 | 130 | 150 | 88 | 110 | 18 | 87,5 | 293 | 158 | 22 | 17 | 20 | 30 | 4 x 18 | F07 | 60 | 250 | 22 |
| 50 | 40 | 50 | 145 | 165 | 102 | 125 | 20 | 90 | 293 | 160 | 22 | 17 | 20 | 30 | 4 x 18 | F07 | 97 | 250 | 28 |
| 65 | 40 | 65 | 170 | 185 | 122 | 145 | 22 | 109 | 450 | 203 | 28 | 22 | 22 | 40 | 8 x 18 | F10 | 127 | 523 | 48 |
| 80 | 40 | 80 | 190 | 200 | 138 | 160 | 24 | 131,5 | 740 | 240 | 36 | 27 | 35 | 50 | 8 x 18 | F12 | 195 | 1073 | 70 |
| 100 | 40 | 100 | 215 | 235 | 158 | 190 | 24 | 151 | 740 | 260 | 36 | 27 | 35 | 50 | 8 x 18 | F12 | 285 | 1073 | 102 |

** 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