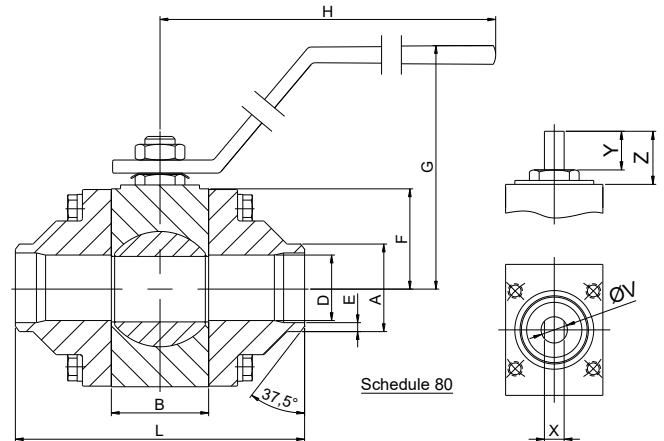
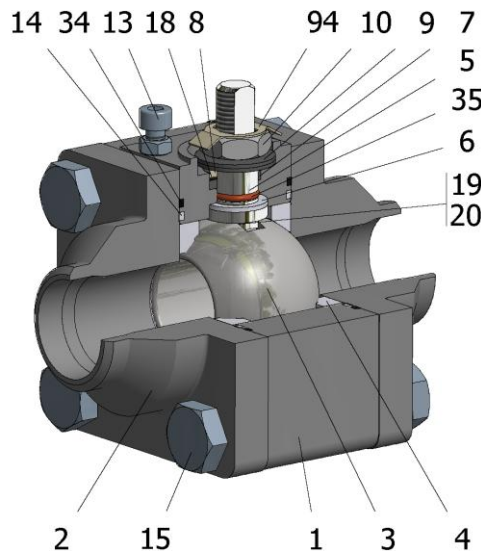




| Position | Description     | Material            |
|----------|-----------------|---------------------|
| 01       | Body 1          | C.S. A350 LF2/A-105 |
| 02       | Body 2          | C.S. A350 LF2/A-105 |
| 03       | Ball            | A182 F316/316L      |
| 04       | Seat            | PTFE (modified)+CG  |
| 05       | Stem            | S.S. AISI 316/316L  |
| 06       | Stem seal       | PTFE (modified)+CG  |
| 07       | Stem packing    | Graphite            |
| 08       | Gland packing   | S.S. AISI 316       |
| 09       | Spring washer   | S.S. AISI 301       |
| 10       | Stem nut        | S.S. AISI 304       |
| 13       | Cover bolt      | S.S. (316)          |
| 14       | Body seal 1     | PTFE (modified)+CG  |
| 15       | Body bolt       | A320 L7M            |
| 16       | Handle          | PAINTED C.S.        |
| 18       | Thrust washer   | PTFE (modified)+CG  |
| 19       | Spring          | S.S. AISI 316       |
| 20       | Antistatic ball | S.S. AISI 316       |
| 34       | Body seal 2     | Graphite            |
| 35       | Stem O ring     | FKM                 |
| 94       | Stop washer     | S.S. AISI 301       |

#### General features

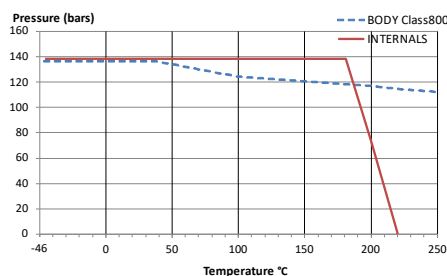
Three pieces  
Full bore  
Soft seat  
Bidirectional  
Anti Blow out proof stem  
Autoadjustable packing  
Anti static device  
Self-cavity pressure relief  
Allows in-line maintenance  
Floating ball

#### Standards

Top flange ISO 5211  
Buttwelding ends B16.25  
Materials according to NACE  
MR0175  
Design B16.34  
Testing API 598, BS 6755-1

#### Official approvals

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



#### PEKOS GROUP CERTIFICATES:

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



#### DIMENSIONS & Technical information

| NPS    | CL  | D  | L   | E    | A    | B  | C | F  | H   | G   | V  | X   | Y  | Z  | n x d | ISO 5211 | Torque | MAST | Weight |
|--------|-----|----|-----|------|------|----|---|----|-----|-----|----|-----|----|----|-------|----------|--------|------|--------|
| 1/4"   | 800 | 11 | 76  | 3,03 | 13,7 | 19 | - | 31 | 145 | 86  | 10 | 5,5 | 7  | 9  | - x - | F03      | 9      | 17   | 1      |
| 3/8"   | 800 | 11 | 76  | 3,20 | 17,1 | 19 | - | 31 | 145 | 86  | 10 | 5,5 | 7  | 9  | - x - | F03      | 9      | 17   | 1      |
| 1/2"   | 800 | 15 | 80  | 3,73 | 21,3 | 21 | - | 33 | 145 | 88  | 10 | 5,5 | 8  | 10 | - x - | F03      | 12     | 17   | 1      |
| 3/4"   | 800 | 21 | 100 | 3,91 | 26,7 | 28 | - | 39 | 180 | 106 | 12 | 7,5 | 11 | 14 | - x - | F04      | 18     | 34   | 2      |
| 1"     | 800 | 25 | 110 | 4,55 | 33,4 | 37 | - | 38 | 180 | 105 | 12 | 7,5 | 14 | 20 | - x - | F04      | 25     | 34   | 3      |
| 1 1/4" | 800 | 32 | 120 | 4,85 | 42,2 | 44 | - | 41 | 220 | 108 | 15 | 9   | 18 | 26 | - x - | F05      | 30     | 65   | 4      |
| 1 1/2" | 800 | 38 | 140 | 5,08 | 48,3 | 51 | - | 47 | 220 | 110 | 15 | 9   | 18 | 28 | - x - | F05      | 35     | 65   | 6      |

\*\* Depending on service conditions.

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

\* Dimensions are in mm.

\* Torque & MAST are in Nm

\* Weight is in Kilograms