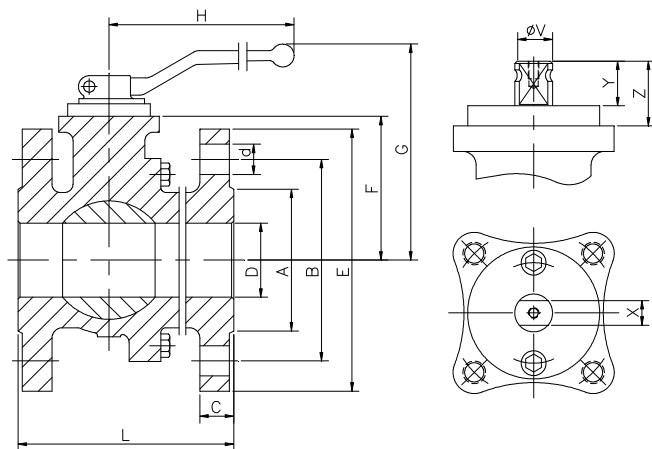
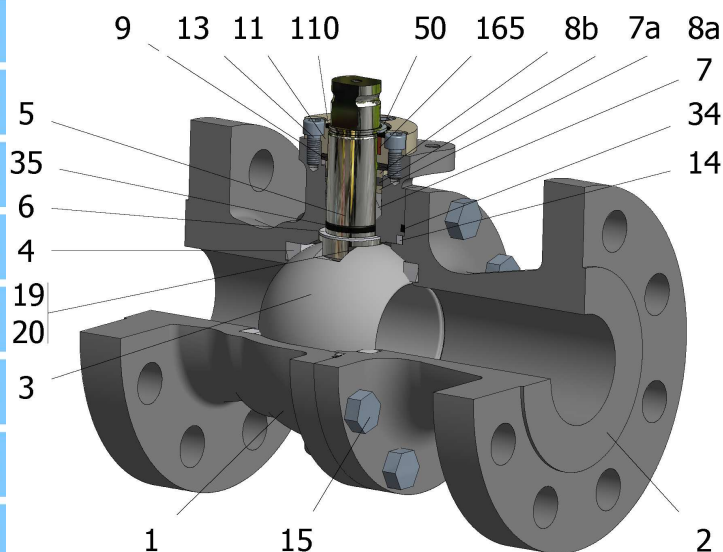


## FIG.Z 39 SSSGV CL300 1/2"-4"



| Position | Description          | Material               |
|----------|----------------------|------------------------|
| 01       | Body 1               | C.S. A352 LCC          |
| 02       | Body 2               | C.S. A352 LCC          |
| 03       | Ball                 | S.S. A351 CF8M         |
| 04       | Seat                 | PTFE+CG                |
| 05       | Stem                 | S.S. AISI 316          |
| 06       | Stem seal            | PTFE+CG                |
| 07       | Stem packing 1       | PTFE+CG                |
| 07a      | Stem packing 2       | Graphite               |
| 08a      | Gland packing 1      | S.S. AISI 316          |
| 08b      | Gland packing 2      | S.S. AISI 316          |
| 09       | Spring washer        | S.S. AISI 301          |
| 11       | Cover                | S.S. A351 CF8M         |
| 13       | Cover bolt           | S.S. (316)             |
| 14       | Body seal 1          | PTFE+CG                |
| 15       | Body bolt            | A320 L7M               |
| 16       | Handle               | WCB                    |
| 17       | Handle bolt          | 1.045(8.8)             |
| 19       | Spring               | S.S. AISI 316          |
| 20       | Antistatic ball      | S.S. AISI 316          |
| 34       | Body seal 2          | Graphite               |
| 35       | O ring stem          | FKM                    |
| 50       | Subjection ring      | S.S. AISI 420          |
| 110      | Subjection ring seal | S.S. AISI 316 Nitrided |
| 165      | Stem bearing         | PTFE+FG                |

**General features**

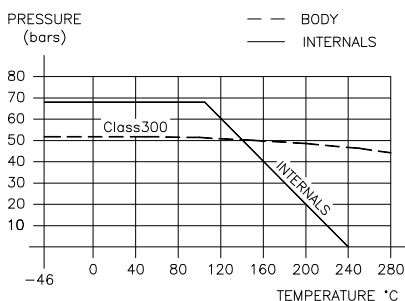
Floating ball.  
Split body.  
Full bore.  
Soft seat.  
Bidirectional.  
Anti Blow out proof stem.  
Autoadjustable packing.  
Anti static device.  
Self-cavity pressure relief.

**Standards**

Top flange ISO 5211  
Flanges ANSI B16.5  
Face to face ANSI B16.10  
Testing API 598, API 6D, BS 6755-1  
Design API 6D, B16.34  
Materials according to NACE MR0175

**Official approvals**

CERTIFICATE FIRE SAFE  
TA-LUFT  
ATEX 94-9EC  
API 6D.  
PED 97/23/CE.  
SIL 3 CAPABLE  
EN 161/EN 264

**PEKOS GROUP CERTIFICATES:**  
ISO 9001-2008 / 97-23-CE / API-6D**DIMENSIONS & Technical information**

| DN     | CL  | D   | L   | E   | A   | B   | C  | F   | H   | G   | V  | X  | Y  | Z    | n x d  | ISO 5211 | Torque | MAST  | Weight |
|--------|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|----|----|----|------|--------|----------|--------|-------|--------|
| 1/2"   | 300 | 15  | 140 | 95  | 35  | 67  | 14 | 45  | 185 | 106 | 14 | 11 | 11 | 13,5 | 4 x 16 | F05      | 17     | 42,4  | 3.1    |
| 3/4"   | 300 | 20  | 152 | 115 | 43  | 83  | 16 | 47  | 185 | 108 | 14 | 11 | 11 | 13,5 | 4 x 19 | F05      | 20     | 42,4  | 4.5    |
| 1"     | 300 | 25  | 165 | 125 | 51  | 89  | 18 | 52  | 185 | 113 | 18 | 14 | 17 | 19,5 | 4 x 19 | F05      | 23     | 92,2  | 5.7    |
| 1 1/2" | 300 | 40  | 190 | 155 | 73  | 114 | 22 | 75  | 293 | 145 | 22 | 17 | 20 | 30   | 4 x 22 | F07      | 51     | 244,2 | 10.1   |
| 2"     | 300 | 50  | 216 | 165 | 92  | 127 | 24 | 83  | 293 | 153 | 22 | 17 | 20 | 30   | 8 x 19 | F07      | 84     | 244,2 | 12.8   |
| 2 1/2" | 300 | 65  | 241 | 190 | 105 | 149 | 26 | 96  | 293 | 166 | 22 | 17 | 20 | 30   | 8 x 22 | F07      | 108    | 244,2 | 19.0   |
| 3"     | 300 | 80  | 282 | 210 | 127 | 168 | 30 | 113 | 350 | 199 | 28 | 22 | 22 | 40   | 8 x 22 | F10      | 180    | 509,7 | 27.0   |
| 4"     | 300 | 100 | 305 | 255 | 157 | 200 | 33 | 128 | 350 | 221 | 28 | 22 | 22 | 40   | 8 x 22 | F10      | 260    | 509,7 | 44.0   |

\*\* Depending on service conditions.

\* Dimensions are in mm.

\* Torque &amp; MAST are in Nm

\* Weight is in Kilogram

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