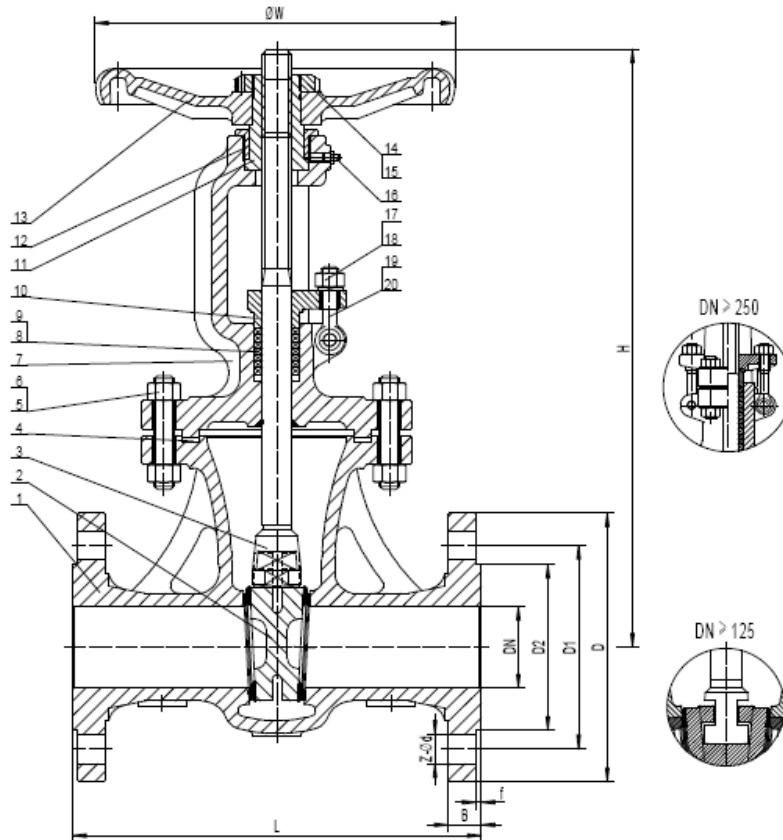
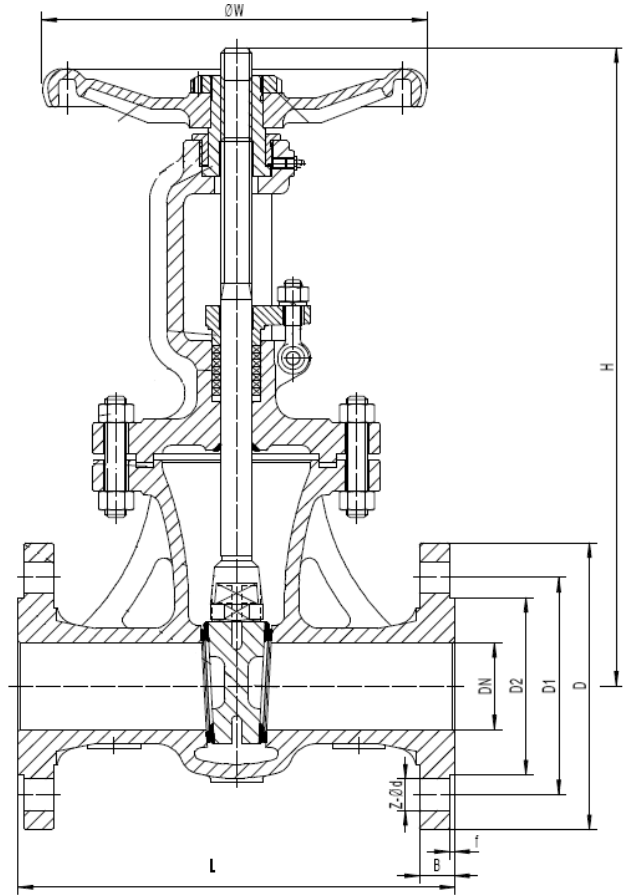


EN 1984



| Item | Description | Material | |
|------|-------------------|---------------------------|-----------------|
| | | Carbon Steel | Stainless Steel |
| 1 | Body | GS-C25 Overlaying X20Cr13 | 1,4408 |
| 2 | Wedge | GS-C25 Overlaying X20Cr13 | 1,4408 |
| 3 | Stem | X20Cr13 | Integral |
| 4 | Gasket | SS304+Graphite | 1,4408 |
| 5 | Nut | ASTMA194 2H | 1,4401 |
| 6 | Stud | ASTMA193 B7 | 1,4408 |
| 7 | Bonnet Bolt & Nut | GS-C25 Overlaying X20Cr13 | 1,4301 |
| 8 | Packing Shim | X10Cr13 | 1,4401 |
| 9 | Packing | Flexible Graphite | Integral |
| 10 | Gland Flange | GS-C25 | 1,4408 |
| 11 | Stem Nut | GGG40.3 | Graphited |
| 12 | Gland Nut | C. S | Graphited |
| 13 | Handw heel | C22.8 | 1,4301 |
| 14 | Lock Nut | C.S. | 1,4301 |
| 15 | Lock Screw | C.S. | 0,7040 |
| 16 | Oil Filler | Cooper | 1,4301 |
| 17 | Spring Shim | C.S. | 0,7040 |
| 18 | Nut | ASTMA192-B7 | 1,4301 |
| 19 | Pin | C.S. | 0,7040 |
| 20 | Eye Bolt | ASTMA194-2H | 1,4301 |





| DN | L | H | ØW | WEG | D | D1 | D2 |
|-----|------|------|-----|------|-----|-----|-----|
| 40 | 240 | 323 | 200 | 14 | 150 | 110 | 88 |
| 50 | 250 | 372 | 200 | 18 | 165 | 125 | 102 |
| 65 | 290 | 395 | 280 | 30 | 185 | 145 | 122 |
| 80 | 310 | 457 | 280 | 40 | 200 | 160 | 138 |
| 100 | 350 | 552 | 300 | 50 | 235 | 190 | 162 |
| 125 | 400 | 634 | 350 | 85 | 270 | 220 | 188 |
| 150 | 450 | 708 | 400 | 110 | 300 | 250 | 218 |
| 200 | 550 | 858 | 450 | 210 | 375 | 320 | 285 |
| 250 | 650 | 1015 | 500 | 300 | 450 | 385 | 345 |
| 300 | 750 | 1210 | 550 | 420 | 515 | 450 | 410 |
| 350 | 850 | 1345 | 600 | 650 | 580 | 510 | 465 |
| 400 | 950 | 1490 | 650 | 950 | 660 | 585 | 535 |
| 450 | 1050 | 1780 | 700 | 1000 | 685 | 610 | 560 |
| 500 | 1150 | 1850 | 700 | 1050 | 755 | 670 | 615 |
| 600 | 1350 | 1910 | 700 | 1250 | 890 | 795 | 735 |

(*) Dimensions in mm and weight in kg
For other sizes consult to the technical department.

| DESIGN STANDARDS | | |
|------------------------|----------------------------------|-------|
| Valves design | EN 1984 | |
| End to End Dimensions | EN 558-1 series 26 (DIN 3202-F7) | |
| Flanged Dimensions | EN 1092-1 formB | PN 40 |
| Visual Inspection | MSS SP- 55 | |
| Marking | ISO 5209 | |
| TESTS AND CERTIFICATES | | |
| Pressure testing | ISO 5208 | |
| Shell test | 6.0 Mpa | |
| Seal test w afer | 4.4 Mpa | |
| Seal test air | 0.6 Mpa | |
| Suitable medium | W.O.G. | |

| Cv VALUES IN US Gallons/min | | | |
|-----------------------------|------|-----------|-------|
| DN | Cv | DN | Cv |
| 50 | 250 | 300 (12") | 12050 |
| 65 | 450 | 350 | 15100 |
| 80 | 620 | 400 | 20300 |
| 100 | 1160 | 450 | 25000 |
| 125 | 1900 | 500 | 32500 |
| 150 | 2700 | 550 | 40000 |
| 200 | 5100 | 600 | 48500 |
| 250 | 8050 | | |

| PRESSURE - TEMPERATURE (Standard Class According to ISO 7005-1) | | |
|---|----------|--------|
| Temp | MATERIAL | |
| | GS-C25 | 1,4408 |
| °C | Bar | Bar |
| 0-20 | 40,0 | 36,4 |
| 50 | 40,0 | 34,8 |
| 100 | 40,0 | 31,5 |
| 150 | 39,2 | 28,8 |
| 200 | 38,0 | 26,1 |
| 250 | 36,0 | 24,4 |
| 300 | 32,0 | 22,6 |
| 350 | 28,0 | 21,3 |
| 400 | 22,0 | 20,4 |
| 425 | 18,0 | 19,9 |
| 450 | | 19,9 |
| 500 | | 19,6 |