

Cryogenic-Globe and Globe/Check Valves, 725 P.S.I.

Bronze body and topwork
"live loaded" gland packing
"cleaned and degreased for oxygen service "

- Part No. 01315.X.0016 (H=270mm)**
 - Part No. 01315.X.0026 (H=370mm)**
 - Part No. 01315.X.5016 (H=270mm) Globe/Check Valve**
 - Part No. 01315.X.5026 (H=370mm) Globe/Check Valve**
- Female thread connection NPT acc. to ANSI B 1.20.1

Available options - on request only:

- Female thread connection (R) acc. to ISO 7-Rc
- Extension H up to 900mm (36")
- Valve with control disc (tapered design)

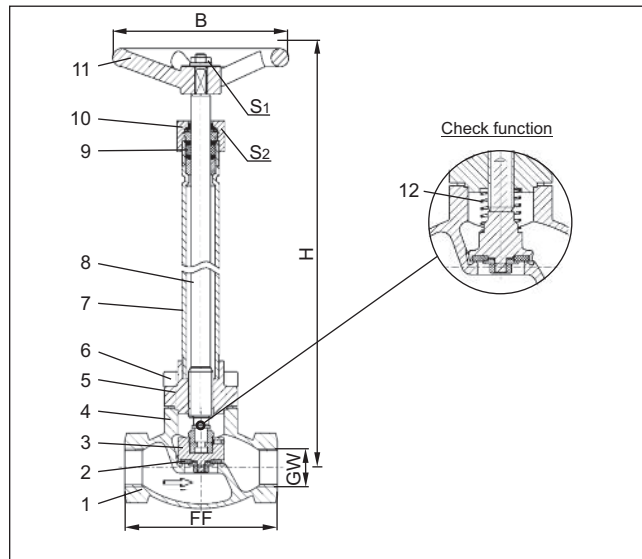


GVMTB Series

Applications:

Approved for air gases, vapours and cryogenic liquefied gases incl. LNG.
Working temperature: -196°C / -321°F (77K) up to +120°C / +248°F (393K)

| Materials | DIN EN | ASTM |
|-------------------|----------------------------|------------------|
| 1 Body | | B 62 UNS C83600 |
| 2 Valve seal | PTFE / Carbon filled (25%) | |
| 3 Disc | | B 283 UNS C38500 |
| 4 Bonnet gasket | PTFE | |
| 5 Headpiece | | B 505 UNS C93200 |
| 6 Bolts | | A 194 B8 |
| 7 Elongation tube | | A 213 TP 321 |
| 8 Stem | | A 276 Grade 304 |
| 9 Gland packing | Graphite / PTFE | |
| 10 Gland nut | | B 283 UNS C38500 |
| 11 Handwheel | Aluminium alloy | |
| 12 Spring | | B 103 UNS C51900 |



Standard marking acc. to Pressure Equipment Directive 97/23/EG (PED).



Marking acc. to Directive 99/36/EG (TPED) will only be carried out by written notice on purchase order.

| Type 01315 – Standard design | Technical data | | | | | | | | | |
|------------------------------|----------------|---------------------------------------|------|------|------|------|--------|--------|-------|--|
| Nominal size | Inches | 3/8" | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | |
| Thread size | GW | 1/4 | 3/8 | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | |
| Dimensions code | .X. | 200 | 0300 | 0400 | 0600 | 1000 | 1200 | 1400 | 2000 | |
| Face-to-face dimension | FF | 60 | 60 | 85 | 85 | 115 | 115 | 140 | 160 | |
| Height | H | 270 mm or 370 mm (10 1/2" or 14 1/2") | | | | | | | | |
| Handwheel-Ø | B | 80 | 80 | 100 | 100 | 100 | 125 | 125 | 125 | |
| Wrench size across flats | S ₁ | 10 | 10 | 10 | 10 | 10 | 13 | 13 | 13 | |
| Wrench size across flats | S ₂ | 30 | 30 | 30 | 30 | 30 | 36 | 36 | 36 | |
| Weight | LBS. | 3.08 | 3.08 | 3.74 | 4.62 | 5.28 | 7.26 | 10.34 | 15.84 | |
| CV-Value | gal/min | 1.9 | 2.6 | 5.0 | 7.8 | 13.4 | 23.9 | 26.3 | 43.2 | |

Dimensions in mm