

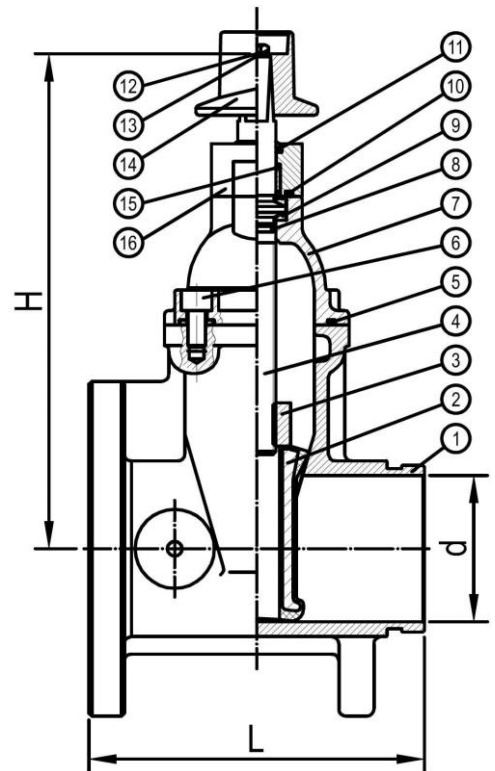
GATE VALVE

VGFG108 - 300PSI Flanged x Grooved-End Gate Valve

- Bolted Bonnet • Non-Rising Stem • Resilient Wedge • Flanged X Grooved-End
- 300 PSI / 20.7Bar Non-Shock Cold Working Pressure
- Conforms to AWWA C509
- FBE Coated Interior and Exterior
- Maximum Operating Temperature 185°F / 85°C
- FM Approved & UL/ULC Listed

Material Specifications

| PART | SPECIFICATION |
|---------------------------|--|
| 1. Valve Body | Ductile Iron ASTM A536 |
| 2. Resilient Wedge | Ductile Iron ASTM A536 with EPDM Encapsulation |
| 3. Wedge Nut | Bronze ASTM B584 UNS C83600 |
| 4. Stem | Stainless Steel ASTM A276 UNS S41000 |
| 5. Bonnet Gasket | EPDM |
| 6. Bonnet Screw | Alloy Steel ASTM A574 Zinc Plated |
| 7. Bonnet | Cast Iron ASTM A126-B |
| 8. Stem Primary O-Ring | EPDM |
| 9. Stem Thrust Washer | Stainless Steel ASTM A276 UNS S41000 |
| 10. Gland Seal O-Ring | EPDM |
| 11. Stem Ring Wiper | EPDM |
| 12. Operating Nut Washer | Carbon steel Zinc Plated |
| 13. Operating Nut Screw | Alloy Steel ASTM A574 Zinc Plated |
| 14. Square Operating Nut | Cast Iron ASTM A126-B |
| 14A. Handwheel (Optional) | Ductile Iron ASTM A536 |
| 15. Stem Primary O-Ring | EPDM |
| 16. Stem Seal Bushing | Brass ASTM B16 UNS C36000 |



Dimension

| Part Number | Size | | L | | d | | H | | Turns To Open |
|-------------|------|-----|------|-----|------|-----|------|-----|---------------|
| | in. | mm | in. | mm | in. | mm | in. | mm | |
| VGFG108-065 | 2.5 | 65 | 7.5 | 190 | 2.5 | 64 | 11.6 | 295 | 8.1 |
| VGFG108-080 | 3 | 80 | 8.0 | 203 | 3.0 | 76 | 12.7 | 322 | 10 |
| VGFG108-100 | 4 | 100 | 9.0 | 229 | 4.0 | 102 | 13.9 | 353 | 12.5 |
| VGFG108-150 | 6 | 150 | 10.5 | 267 | 6.0 | 152 | 17.6 | 447 | 15 |
| VGFG108-200 | 8 | 200 | 11.5 | 292 | 8.0 | 203 | 20.8 | 529 | 16.7 |
| VGFG108-250 | 10 | 250 | 13.0 | 330 | 10.0 | 254 | 24.4 | 619 | 20.8 |
| VGFG108-300 | 12* | 300 | 14.0 | 356 | 12.0 | 305 | 27.8 | 707 | 25 |
| VGFG108-350 | 14* | 350 | 15.0 | 381 | 13.3 | 337 | 31.8 | 808 | 43.8 |
| VGFG108-400 | 16* | 400 | 16.0 | 406 | 15.2 | 387 | 34.2 | 869 | 50 |

Note:

- ◆ Freezing Weather Precaution-Subsequent to testing a piping system, valves should be in an open position to allow complete drainage.
- ◆ Flange: ANSI Class125&150, other flange dimensions are available.
- ◆ *: Non-Shock Cold Working Pressure is 250PSI / 17.2Bar.

