

C515 OS&Y Resilient Seated Gate Valve FL x GR Ends & GR x GR Ends

FIG. F0112-300
FIG. F0122-300

Specifications

- Meet or exceed the requirements of AWWA C515 Standard.
- Full Waterway.
- Adjustable Packing.
- Rubber Fully Encapsulated Ductile Iron Wedge.
- Handwheel - open left or open right.
- Face to Face Dimension complies with ASME B16.10 and EN558 Series 3.
- Flange and Drilling comply with ASME B16.1 Class 125.
- Grooved Ends Dimensions meet AWWA C606 Standard or other IPS pipe.
- UL/ULC 262 Listed, FM 1120/1130 Approved.
- ANSI/NSF 61 & 372 Certified.
- CNBOP Certified.
- Rated Working Pressure 300 psi.

Corrosion Protection

- Fusion Bonded Epoxy Coated Interior and Exterior to AWWA C550 Standard.

Schematic

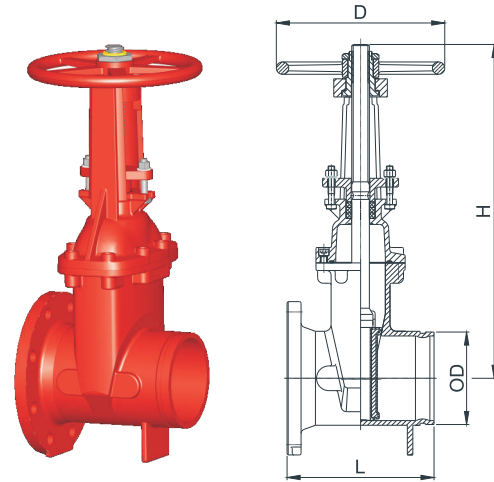


FIG. F0112-300, FL x GR Ends

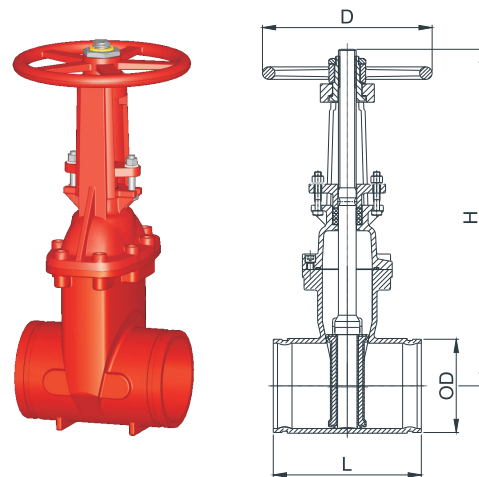


FIG. F0122-300, GR x GR Ends

Material Specifications

| Part | Material | ASTM Specification |
|--------------------|--------------------------------------|---------------------|
| Body | Ductile Iron | A536 Grade 65-45-12 |
| Wedge | EPDM Fully Encapsulated Ductile Iron | |
| Bonnet | Ductile Iron | A536 Grade 65-45-12 |
| Stem | Stainless Steel | A276 Type 304 |
| Stem Nut | Bronze | B148 C95200 |
| Packing | Graphite | Non-Asbestos |
| Gland | Ductile Iron | A536 Grade 65-45-12 |
| Gland Stud | Stainless Steel | F593 Grade 304 |
| Bonnet Fasteners | Carbon Steel | A307 Grade B |
| Body/Bonnet Gasket | EPDM | D2000 |
| Handwheel | Ductile Iron | A536 Grade 65-45-12 |

Options

- 200 psi or 250 psi rated.
- With Supervisory Tamper Switch.
- ASTM B150 or other Standard Bronze Stem.
- ASTM A276 Type 316 Stem.
- Stainless Steel Fasteners: A2-70 or A4-70.
- BURN-S (SBR) available for Frecking Waste Water.
- Other Flange Types available upon request.

Main Dimensions (mm/inch)

| Size | 2 | 2.5 | 3 | 4 | 5 | 6 | 8 | 10 | 12 |
|----------|-----------|-----------|----------|-----------|------------|------------|------------|-------------|-------------|
| OD | 60.3/2.37 | 73.0/2.87 | 88.9/3.5 | 114.3/4.5 | 139.7/5.5 | 165.1/6.5 | 219.1/8.63 | 273.0/10.75 | 323.9/12.75 |
| | | 76.1/3.0 | | | 141.3/5.56 | 168.3/6.63 | | | |
| L | 178/7.0 | 190/7.5 | 203/8.0 | 229/9.0 | 254/10.0 | 267/10.5 | 292/11.5 | 330/13.0 | 356/14.0 |
| H (OPEN) | 395/15.5 | 435/17.1 | 505/19.9 | 570/22.4 | 755/29.7 | 765/30.1 | 965/38.0 | 1150/45.3 | 1340/52.8 |
| D | 185/7.3 | 185/7.3 | 255/10.0 | 255/10.0 | 305/12.0 | 305/12.0 | 355/14.0 | 445/17.5 | 445/17.5 |

Notes

- 2.5" to 12" valves are ULC listed.
- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.