

Shotgun Riser Check Valve, Grooved Ends

FIG. F3322
FIG.F3322B

Specifications

- Meet or exceed the requirements of UL 312 and FM 1210 Standard.
- Spring Loaded for Fast Closure.
- It is used in wet pipe fire protection systems, as well as the pre-action systems where not need a mechanical alarm.
- Drain plug at the bottom under the inlet end for attaching a drain valve.
- Excellent Flow Characteristics.
- Superior design featuring exceptionally low pressure losses at high flow rates.
- Rubber Disc Facing and Bronze Seat Ring.
- Grooved Connections are cut in accordance with AWWA C606 or other standard Groove Specifications for Steel Pipe.
- F3322 with or without Trim.
- Rated Working Pressure
300 psi for valve with Trim
350 psi for valve without Trim
- UL 312 / ULC Listed and FM 1210 Approved.

Corrosion Protection

- Fusion Bonded Coating Interior and Exterior meet or exceed all applicable of AWWA C550 Standard.

Material Specifications

| Part | Material | ASTM Specification |
|----------------------|-----------------|---------------------|
| Body | Ductile Iron | A536 Grade 65-45-12 |
| Body Seat Ring | Bronze | B62 C83600 |
| Disc | Stainless Steel | A351 Grade CF8 |
| Disc Facing | Rubber | D2000 EPDM |
| Spring | Stainless Steel | A276 Type 304 |
| Hinge Pin | Stainless Steel | A276 Type 304 |
| Disc Facing Bolt/Nut | Stainless Steel | A276 Type 304 |
| Angle Drain Valve | Bronze | B148 C95500 |
| 3-Way Valves | Bronze | B148 C95500 |
| Nipples | Stainless Steel | A276 Type 304 |
| Air/Water Gauges | Assembly | |

Schematic

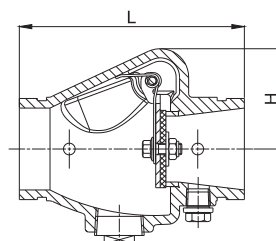


FIG. F3322

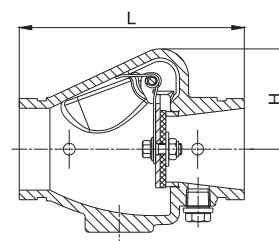
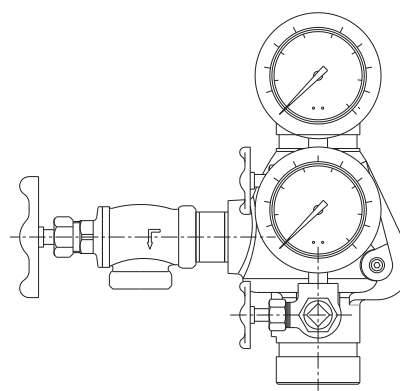


FIG. F3322B



Main Dimensions (mm/inch)

| Size | 1.25 | 1.5 | 2 | 2.5 | 3 | 4 | 6 | 8 |
|------|---------|---------|---------|---------|---------|---------|-----------|----------|
| L | 160/6.3 | 160/6.3 | 170/6.7 | 183/7.2 | 198/7.8 | 218/8.6 | 270/10.62 | 325/12.8 |
| H | 65/2.5 | 65/2.5 | 75/3 | 80/3.13 | 90/3.5 | 102/4 | 127/5 | 160/6.3 |

Notes

- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.