

Shotgun Riser Check Valve, Grooved Ends

FIG. F3322

Specifications

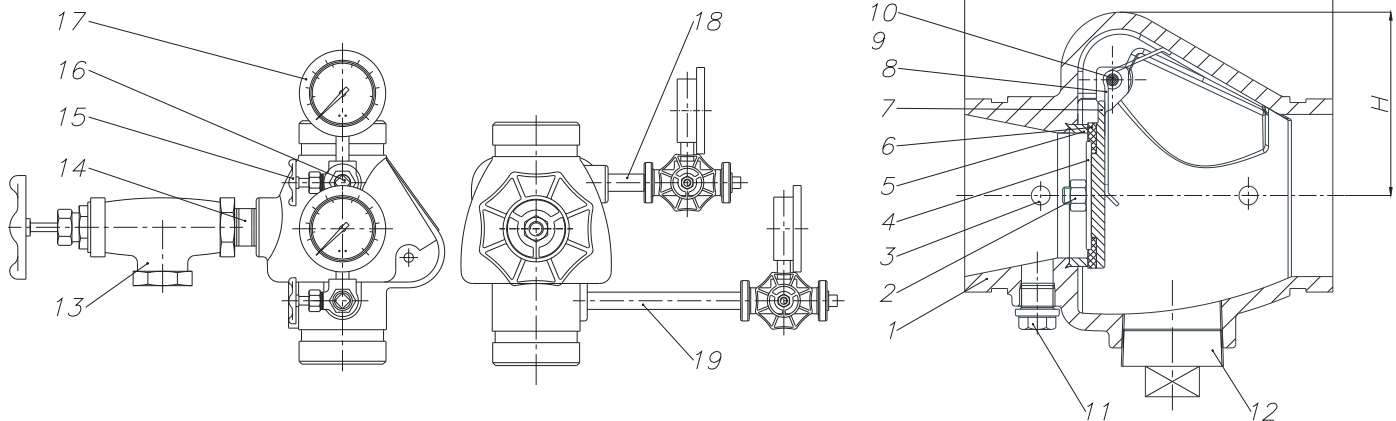
- Meet or exceed the requirements of UL 312 and FM 1210 Standard.
- Spring Loaded for Fast Closure.
- It is used in wet pipe fire protection systems, as well as the pre-action systems where not need a mechanical alarm.
- Drain plug at the bottom under the inlet end for attaching a drain valve.
- Excellent 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 Epoxy Coated Interior and Exterior to AWWA C550 Standard.

Material Specifications

No	Part	Material	ASTM Specification
1	Body	Ductile Iron	A536 Grade 65-45-12
2	Bolt/Nut	Stainless Steel	F593 Grade 304
3	Plug	Stainless Steel	A276 Type 304
4	Retainer	Stainless Steel	A276 Type 304
5	Body Seat Ring	Bronze	B62 C83600
6	Disc Facing	Rubber	D2000 EPDM
7	Disc	Stainless Steel	A351 Type CF8
8	Spring	Stainless Steel	A276 Type 304
9	Hinge Pin	Stainless Steel	A276 Type 304
10	Plug	Stainless Steel	A276 Type 304
11	Plug	Stainless Steel	A276 Type 304
12	Plug	Stainless Steel	A276 Type 304
13	Angle Drain Valve	Bronze	B148 C95500
14	Nipples	Malleable Iron	A47 Grade 22010
15	3-Way Valves	Bronze	B148 C95500
16	Plug	Stainless Steel	A276 Type 304
17	Pressure Gauge	Assembly	
18	Barrel Nipple	Carbon Steel	A307 Grade B
19	Barrel Nipple	Carbon Steel	A307 Grade B



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.