

## Pressure Relief Valve FL x FL Ends

**FIG. F1319-F**

### Specifications

- Relief Valve: Limits inlet pressure by relieving excess pressure.
- Pressure sustaining: Prevents pipe line pressure from rising to a maximum valve.
- Operates over a Wide Flow Range.
- Inlet Pressure Adjustment Range: 65~300psi.
- Quick opening and adjustable closing speed.
- Flanged to EN 1092-2 PN16, ANSI Class125/150/250.  
(Other available on request)
- Rated Working Pressure 300 psi.
- UL 1478 Listed and FM 1361 Approved.

### Corrosion Protection

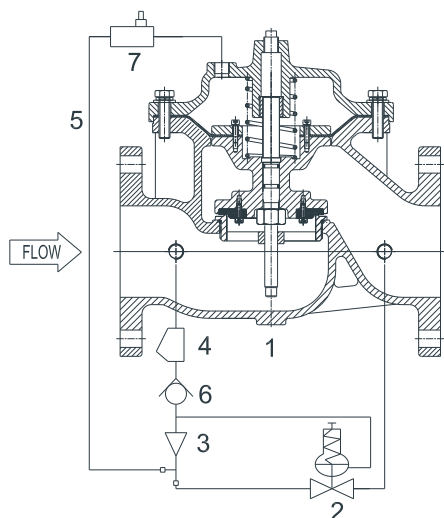
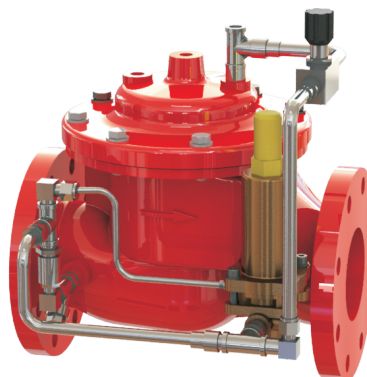
- Fusion Bonded Epoxy Coated Interior and Exterior to AWWA C550 Standard.

### Material Specifications

Part	Material	ASTM Specification
<b>Body</b>	Ductile Iron	A536 Grade 65-45-12
<b>Bonnet</b>	Ductile Iron	A536 Grade 65-45-12
<b>Seat</b>	Stainless Steel	A276 Type 304
<b>Stem</b>	Stainless Steel	A276 Type 304
<b>Spring</b>	Stainless Steel	A276 Type 304
<b>Diaphragm</b>	Nylon Reinforced Natural Rubber/EPDM/NBR	
<b>Seat Disc</b>	NBR/EPDM	
<b>Pressure Relief Pilot</b>	Bronze	Assembly

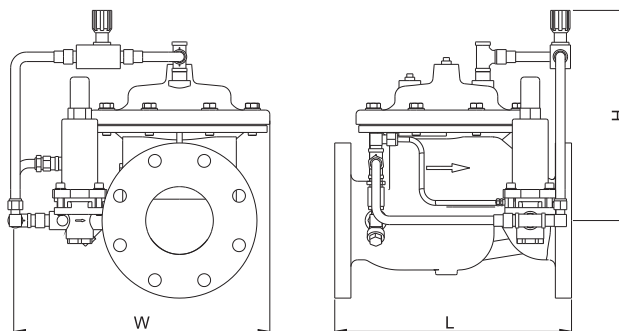
NO.	Components	NO.	Components
1	Basic Control Valve	5	Tubing/Fittings
2	Pressure Relief Pilot	6	Check Valve
3	Ejector	7	Stabilizer
4	Y-Strainer		

### Schematic



### Main Dimensions (mm /inch)

Size	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
<b>L</b>	200/7.87	230/9.05	290/11.42	310/12.2	350/13.78	400/15.75	480/18.9	600/23.6	730/28.75	850/33.46
<b>H</b>	180/7.1	200/7.9	215/8.46	265/10.45	310/12.2	360/14.2	380/15	450/17.75	570/22.45	690/27.2
<b>W</b>	410/16.2	420/16.6	440/17.35	455/18	470/18.5	490/19.3	540/21.25	590/23.23	640/25.2	690/27.2



#### Notes

- 1.5" to 8" valves are UL listed.
- 1.5" to 12" valves are FM approved.
- Designs, materials and specifications shown are subject to change without notice due to the continuous development of our products.