

Angle Fire Pump Relief Valve

FIG. F1329

Specifications

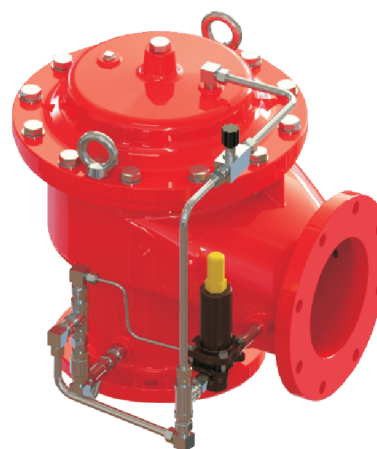
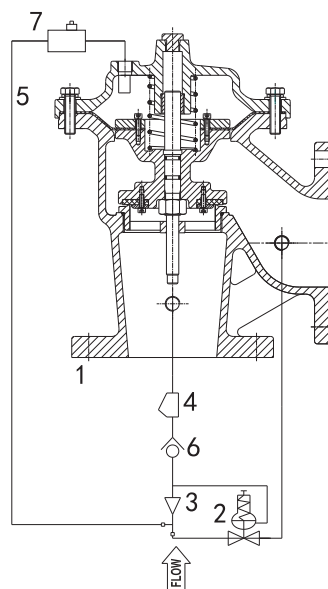
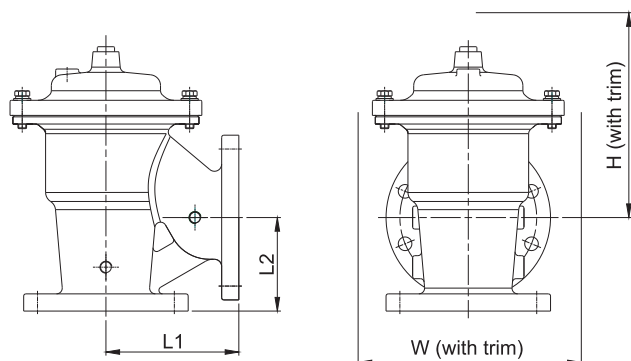
- Multiple End Types for Main Valve:
Flange by Flange, Flange by Groove, Groove by Groove
- Opens quickly; maintains pressure within close limits.
- Wide range adjustable: 65psi - 180psi (4.5 - 12.4 bar).
- Pilot operated main valve.
- Reduced cavitation design.
- Simple field adjustable pressure setting, requiring no special tools or system down time.
- Closes gradually for surge-free operation.
- UL 1478 Listed
- Limits maximum pump discharge pressure.
- Factory tested & preset to requirements.
- Applicable for water, sea water & foam.
- 300psi (21bar) high Working Pressure
600psi (42bar) Hydrostatic Test
- Fusion Bonded Epoxy Coated Interior and Exterior to AWWA C550 Standard.

Material Specifications

Main Valve Parts	Material	ASTM Specification
Body	Ductile Iron	A536 Grade 65-45-12
Seat	Stainless Steel	A351 Grade CF8
Seal Disc	Rubber	D2000 EPDM
Diaphragm	Nylon Reinforced Natural Rubber	
Diaphragm Disc	Ductile Iron	A536 Grade 65-45-12
Diaphragm Adapter	Ductile Iron	A536 Grade 65-45-12
Spring	Stainless Steel	A276 Type 304
Bonnet	Ductile Iron	A536 Grade 65-45-12
Bonnet Bolts	Carbon Steel	A307 Grade B
Stem	Stainless Steel	A276 Type 304
O-Ring	Rubber	D2000 NBR

No.	Trim Components	Material
1	Basic Control Valve Assembly	Assembly
2	Pressure Relief Pilot	Bronze
3	Ejector	Stainless Steel 304
4	Y-strainer	Stainless Steel 304
5	Tubing/Fittings	Stainless Steel 304
6	Check Valve	Stainless Steel 304
7	Stabilizer	Stainless Steel 304

Main Dimensions (mm /inch)



Size	L1	L2	H	W
3"	149/5.9	110/4.3	265/10.5	455/18.0
4"	185/7.3	130/5.1	310/12.2	470/18.5
5"	218/8.6	140/5.5	360/14.2	490/19.3
6"	265/10.4	155/6.1	380/15.0	540/21.3
8"	326/12.8	190/7.5	450/17.8	590/23.2

Notes

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