

Pressure Relief Valve

FIG. LV1319

Specifications

- Relief valve: limits inlet pressure by relieving excess pressure
- Pressure sustaining: prevents inlet pressure from dropping below a predetermined minimum
- Operates over a wide flow range
- Inlet pressure is adjustable with single screw
- Quick opening and adjustable closing speed
- Can be maintained without removal from the pipeline
- Flanged and drilling complies with EN1092-2 PN10/16; ANSI B16.1 Class 125
- Groove end complies with AWWA C606 Standard

Working Pressure and Temperature

- Max 300 psi rated at 0°C to 82°C

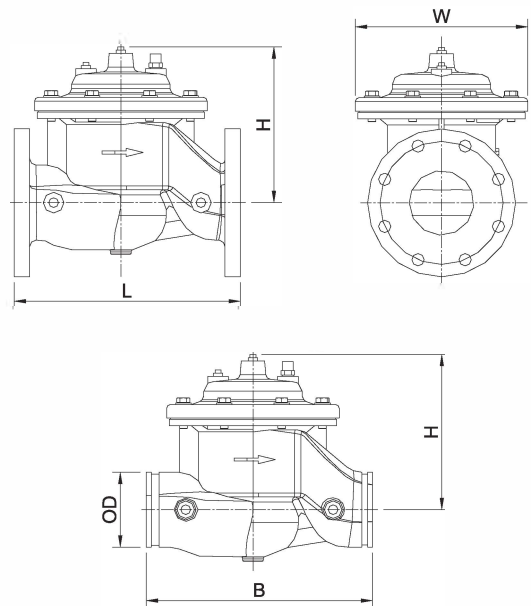
Corrosion Protection

- Fusion bonded coating interior and exterior exceed all applicable of AWWA C550 Standard

Material Specifications

Part	Material	EN Specification	ASTM Specification
Body	Ductile Iron	EN 1563, EN-GJS-450-10	A536 65-45-12
Bonnet	Ductile Iron	EN 1563, EN-GJS-450-10	A536 65-45-12
Seat	Stainless Steel	EN 10213, GX5CrNi 19-10	A351 Grade CF8
Stem	Stainless Steel	EN 10088-3, X5CrNi 18-10	A276 Grade 304
Diaphragm	Teflon/Graphite		
Seat Disc	Rubber	EN 681, EPDM/NBR	D2000 EPDM/NBR
Pressure Reducing Pilot	Bronze	EN 12420, CW306G	B148 C95200

Schematic



Main Dimensions (mm)

Size	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200	DN250	DN300
A	200	230	290	310	350	400	480	600	730	850
B	220	241	290	325	381	419	508	645	762	900
OD	48.26	60.3	73	88.9	114.3	139.7/141.3	165.1/168.3	219.1	273	323.9
H	180	200	215	265	290	340	390	470	570	690
W	260	270	290	305	320	340	370	420	470	520

Notes

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