

Pressure Reducing Valve

FIG. LV1318

Specifications

- Reducing valve: reduces a higher higher inlet pressure to a lower outlet pressure
- Constant outlet pressure over wide flow range
- Pilot-operated main valve not subject to pressure fall off
- Outlet pressure is adjustable with single screw
- Can be maintained without removal from the pipeline
- Adjustable opening / response speed
- Stabilized regulation at near-zero flow
- Flanged and drilling complies with EN1092-2 PN10/16; ANSI B16.1 Class125
- Grooved end complies with AWWA C606 Standard

Working Pressure and Temperature

- Upstream pressure: Max 300 psi, 175 psi, 10 bar, 16 bar rated at 0°C to 82°C
- Downstream pressure: 30 to 165 psi rated at 0°C to 82°C (other available on request)

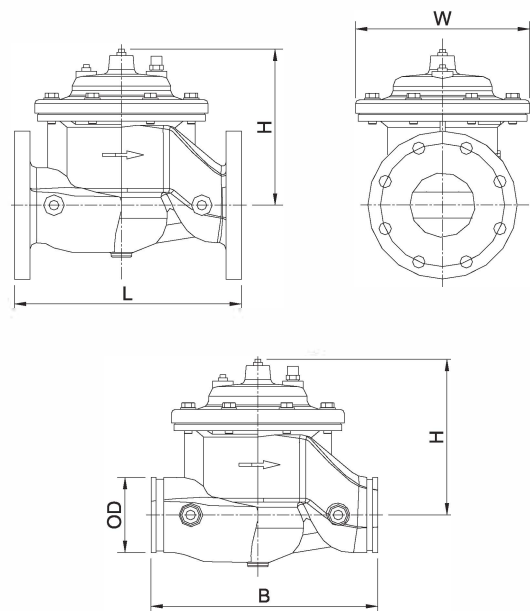
Corrosion Protection

- Fusion bonded coating or spray painted interior and exterior

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, GX5CrNi19-10	A351 Grade CF8
Stem	Stainless Steel	EN 10088-3, X5CrNi18-10	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.