

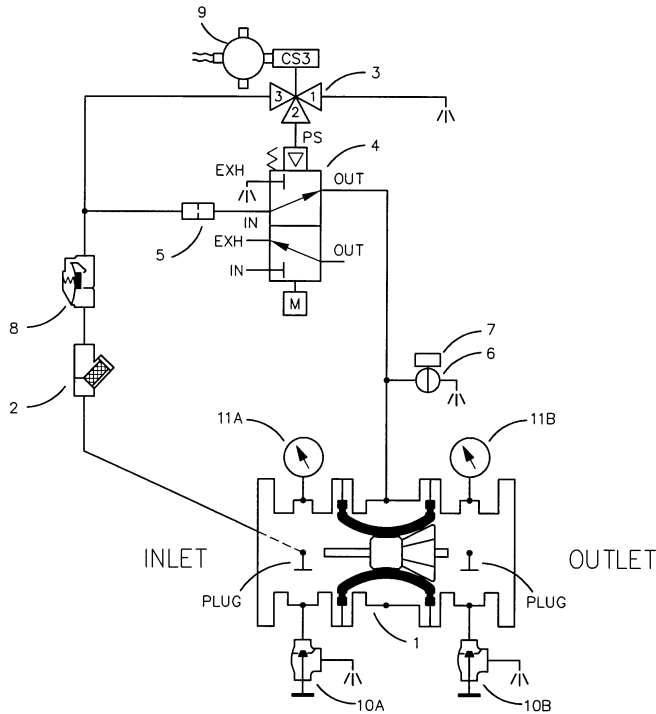
Valve Size (Inches)	4	6	8	10
L	17.25	18.25	20.00	22.00
D	9.5	11.75	14.00	16.00
T-1/T-2 (NPT)	1/2	1/2	1/2	1/2
T-3 (NPT)	2	2	2	2
Approx. Wt. (Lbs.)	151	196	285	330

Valve Size (mm)	100	150	200	250
L	438	464	508	559
D	241	299	356	406
T-1/T-2 (NPT)	1/2	1/2	1/2	1/2
T-3 (NPT)	2	2	2	2
Approx. Wt. (kgs)	68	89	129	150

4", 6", 8" Factory Mutual Approved
(with approved Pilot Components)

FLOW FACTORS		
SIZE (IN)	CV (gpm)	KV
4"	340	77.3
6"	885	201
8"	1667	379
*10"	2424	550

*Calculated



MAIN VALVE

- Ends: Flanged ANSI B16.5 (150lb Class)
- Body: Cast Steel (ASTM A216 WCB)
- Tube Diaphragm: Nitrile Rubber
- Barrier: Urethane
- Bolts: 316 SS
- Pressure: 250 psig (17.24 BAR)
- Temp. Range: 32° F to 180° F (0° C to 82.2° C)

MAIN VALVE OPTIONS

- Body: Nickel Aluminum Bronze (Alloy C95800) or Duplex SS (Alloy 2205)

PILOT VALVE

- All Parts: Bronze / Monel
- O-Rings: Nitrile Rubber
- Control Range: 20 to 250 PSIG
- Pilot Pressure Range: 20 to 250 PSIG
- Operation: Latches in operated position; manual reset

PILOT VALVE OPTIONS

- All Parts: Monel (Alloy 400)
- Operation: Non-latching

Cla-Val 800 Series Control Valves operate with maximum efficiency when mounted in horizontal or vertical piping. We recommend isolation valves be installed on inlet and outlet for maintenance. Adequate space above and around the valve for service personnel should be considered essential. A regular maintenance program should be established based on the specific application data. However, we recommend a thorough inspection be done at least once a year. Consult factory for specific recommendations.



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