

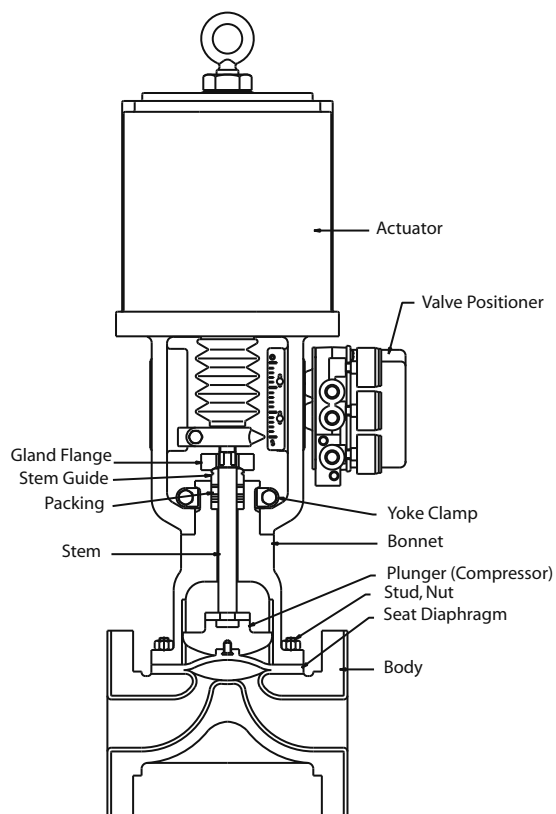
WEIR & DIAPHRAGM Control Valve



WeirFlo

Diaphragm Valves

WeirFlo CONTROL VALVE



WEIR & DIAPHRAGM Control Valve

- Model : WeirFlo
- Application : To handle highly Corrosive or Hazardous fluids, Abrasive, Viscose or Fibrous Slurry Fluids. This valve widely used in Effluent treatment plant.
- Installation : This design is Non-Direction valve. It can be installed either side.
- Design : Weir with Replaceable Diaphragm Seat
- Size : 1/2" to 12.0"
- Pressure Class : Up to #300
- End Connection : Threaded BSP (F) up to 2.0", Flanged Drilled to ANSI, BS, JIS, DIN
- Body Material : Ductile Iron/Carbon Steel / SS 304/ SS316 / SS304L / SS 316L / CD4MCU/ Hastelloy 'C' or any cast alloys material.
- Body Lining : Rubber : Natural (Soft & Hard), Neoprene, Butyle, EPDM, Hypolon, FRP
Glass : Glass lining available up to 6.0"
Teflon : PVDF, PFA available up to 6.0"
- Seat (Diaphragm) : Rubber : Natural, Neoprene, Buna-N, Butyle, EDPM, Hypolan, Viton
Teflon : Neoprene with PTFE coated, PTFE with Neoprene backing cushion
- Plunger : Metal Plunger / Compressor / Pusher provides downward closing Force on Seat (Diaphragm) distributing across the closing surface on the valve body for positive tight shut off in closed condition.
- Bonnet : Standard Bolted with Stuffing Box.
- Actuator : Manual : Top mounted, Hand Wheel
Pneumatic : Spring Cylinder Linear Actuator
Electric : 1 Phase, 230 V AC or 3 Phase 415 V
- Accessories : Positioner : Pneumatic or Electro-Pneumatic for Throttling duty.
Hand wheel : Side Mounted
Air Set : Air Filter Regulator with Gauge
Solenoid Valve: For On-Off duty
Limit Switches : Proximity/SPDT Micro Switch

CV VALUES (Valve Co-efficient)

Valve Size	Un Lined Body	Rubber / Teflon	Glass Lined
15 mm (1/2")	5	3.0	5.8
20 mm (3/4")	11	9.0	12
25 mm (1.0")	18	14	18
32 mm (1.25")	27	22	29
40 mm (1.5")	43	35	46
50 mm (2.0")	80	64	84
65 mm (2.5")	127	102	133
80 mm (3.0")	185	148	194
100 mm (4.0")	315	252	331
125 mm (5.0")	420	336	441
150 mm (6.0")	605	484	635
200 mm (8.0")	1300	1040	1360
250 mm (10.0")	1980	1584	2079
300 mm (12.0")	2555	2044	2683

Indicative Dimension For Flange to Flange Distance(MM)

Valve Size	15	20	25	32	40	50	65	80	100	125	150	200	250	300
F to F	130	150	160	180	200	230	290	310	250	400	480	600	730	850

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