

Halar (ECTFE) T-342 Diaphragm Valve

All valves come standard with integral lock out device to prevent unauthorized cycling

Valves are 150 psi rated at 68°F and designed for high temperature service

Fully serviceable with replacement diaphragms available



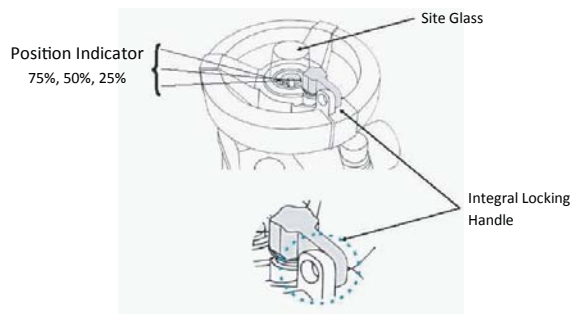
SPECIFICATION

1/2" through 2" (20mm through 63mm) diaphragm valves shall be Type 342 Style from the Proline System. Valves shall be made of Solvay Halar (ECTFE) resin. Valve bodies are to be unibody, molded design with a full 150 psi rating at 68°F. All metal nuts and bolts must be capped or covered to reduce metal exposure. Top Works must include integral lock out device on the handle and position indicator.

Complete line of fabricated valves are available. Consult factory for details.

UNIQUE HANDLE DESIGN

Integral Locking Handle can be locked in multiple positions to prevent unauthorized cycling. Locking Handle is spring loaded for easy locking/unlocking. Position indication for 25%, 50% and 75% open positions.



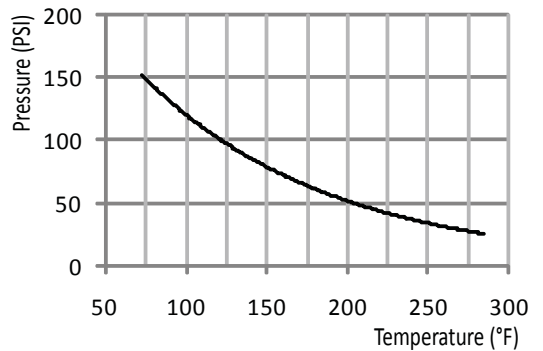
OPTIONS

T-342 Diaphragm Valves can be supplied with a complete line of pneumatic actuation, electric controllers, manual overrides, mechanical limitors & position indicators.

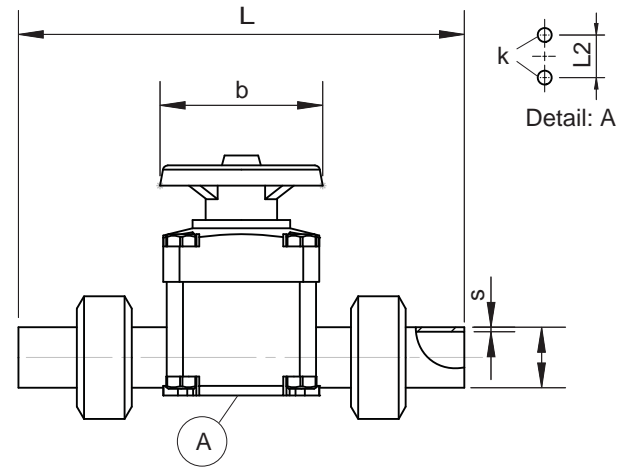
Please consult factory for details.

TECHNICAL SPECIFICATIONS

- Body Material: Halar (ECTFE)
- Bonnet: PPG
- Diaphragm: PTFE backed EPDM
- Maximum Pressure: 10 bar @ 20C, 150 psi @ 68 °F



SIZE		Cv at Different Open Position (GPM)			
mm	inch	25%	50%	75%	100%
20	1/2	9.5	15.1	17.8	19.0
25	3/4	12.4	19.6	23.3	24.6
32	1	29.1	46.5	55.5	58.4
40	1-1/4	59.5	94.6	113.1	118.9
50	1-1/2	66.1	105.7	125.5	132.1
63	2	115.7	183.6	219.6	231.2



SPIGOT DIMENSIONS

SIZE	PART #	s	L	L1	L2	L3	h	b	t	k	
20	1/2	1131005	0.075	5.24	0.65	0.96	0.00	3.94	3.35	1.42	M6
25	3/4	1131007	0.039	5.67	0.65	0.96	0.00	3.94	3.35	1.42	M6
32	1	1131010	0.094	6.06	0.81	0.96	0.00	4.21	3.35	1.42	M6
40	1-1/4	1131012	0.094	7.60	1.00	1.73	0.00	5.67	5.31	1.81	M8
50	1-1/2	1131015	0.118	7.64	1.26	1.73	0.00	5.67	5.31	1.81	M8
63	2	1131020	0.118	8.82	1.52	1.73	0.00	6.69	5.31	2.13	M8

