

Series 75 Manual Pinch Valves



- No packing to maintain, ever.
- Same face-to-face as gate, plug or ball valves to 6".
- Sleeve is the only wetted part, reduces maintenance costs.
- Position indicator, heavy-duty sleeve.
- 100% full-port design.
- Bi-directional, drop-tight shutoff.

The Series 75 Manual Pinch Valve is one of the top selling pinch valves in the world today. The Series 75's full-port design eliminates dead spots, crevices, seats and bearings where slurry can hang up and impair operation. The heart of this unique valve is the durable, flexible rubber sleeve which is reinforced with high-strength fabric. The principle of design is very simple; two mechanical pinch bars open and close the elastomer sleeve. The sleeve, which is the only part of the valve exposed to the line process, eliminates maintenance and the need for expensive, exotic body materials. Valve operation will not freeze and operating torques remain constant, even if the valve has remained in the open or closed position for years.

The Series 75 has the same ASME B16.10 face-to-face as gate, plug or ball valves up to 6".

The Series 75 has excellent control characteristics and can be used as a throttling manual control valve. By simply turning the handwheel, operators can fine-tune the valve position to maintain a constant rate of flow.

Materials of Construction

- **Body:** Cast iron or aluminum
- **Sleeves:** Pure Gum Rubber (PGR), Ethylene Propylene Diene Terpolymer (EPDM)*, Acrylonitrile-Butadiene (NBR), Fluoroelastomer (FKM)*, Chloroprene (CR)*, Chlorosulfonated Polyethylene (CSM), Chloro-Isobutylene-Isoprene (CIIR).
- * White food grade options available.
- **Drilled and tapped flanges:** ASME 150, ASME B16.1 125 cast flanges, AWWA C110 125 flanges, EN1092 PN 6, EN1092 PN 10, EN1092 PN 16, JIS 5K, JIS 10K.
- Other drill patterns available upon request.
- **Optional:** Extended stems and torque tubes, floorstands, chainwheels, limit switches

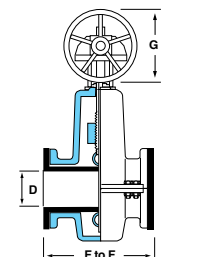
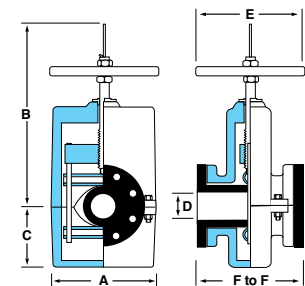
SERIES 75

VALVE SIZE D*	DIMENSIONS in/mm						WORKING PRESSURE*** psi/kPa	VALVE WEIGHT lbs/kg
	LENGTH F-to-F	WIDTH A	HEIGHT		HANDWHEEL DIAMETER			
			B	C	E	G**		
1"x.5" 25mmx15mm	5.50 140	6.25 159	10.63 270	3.00 73	6.00 152	---	150 1030	20 9
1"x.75" 25mmx20mm	5.50 140	6.25 159	10.63 270	3.00 73	6.00 152	---	150 1030	20 9
1" 25mm	5.50 140	6.25 159	10.63 270	3.00 73	6.00 152	---	150 1030	20 9
1.5" 40mm	6.50 165	9.00 229	11.50 292	3.63 92	6.00 152	---	150 1030	34 15
2" 50mm	7.00 178	7.75 197	14.88 378	4.50 114	12.00 305	---	150 1030	50 23
2.5" 65mm	7.50 191	9.75 248	16.56 421	4.75 121	12.00 305	---	150 1030	62 28
3" 80mm	8.00 203	9.50 241	16.56 421	5.00 127	12.00 305	---	150 1030	80 36
4" 100mm	9.00 229	10.75 273	17.38 441	5.50 140	12.00 305	18.00 457	150 1030	85 39
5" 125mm	10.00 254	15.00 381	24.25 616	7.75 197	24.00 610	18.00 457	150 1030	170 77
6" 150mm	10.50 267	15.50 394	24.25 616	7.88 200	24.00 610	24.00 610	150 1030	186 84
8" 200mm	16.00 406	19.75 502	34.00 864	9.38 238	24.00 610	24.00 610	125 860	400 181
10" 250mm	20.00 508	24.50 622	36.88 937	10.00 254	24.00 610	24.00 610	100 690	500 227
12" 300mm	24.00 610	35.00 889	40.00 1016	11.50 292	24.00 610	24.00 610	100 690	650 295

* Larger sizes available in the Series 52H.

** With optional bevel gear.

*** Higher working pressures available, see Series 9000.



With Optional Bevel Gear