

Series 75

Manual Pinch Valve



- ▶ No packing to maintain, ever
- ▶ Same face-to-face as gate, plug or ball valves to 12"
- ▶ Sleeve is the only wetted part, reduces maintenance costs
- ▶ Position indicator, heavy-duty sleeve
- ▶ 100% full-port design
- ▶ Bi-directional, bubble-tight shutoff



The Series 75 manually operated pinch valve is the number-one selling pinch valve in the world today. The Series 75 full port design eliminates dead spots, crevices, seats and bearings where slurry can hang up and impair operation.

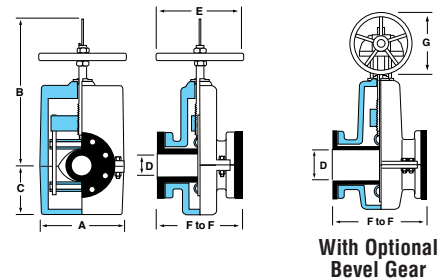
The heart of this unique valve is the durable, flexible rubber sleeve which is reinforced with high-strength fabric. The principle of design is very simple; two mechanical pinch bars open and close the elastomer sleeve. The sleeve, which is the only part of the valve exposed to the line process, eliminates 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 ANSI B16.10 face-to-face as gate, plug or ball valves up to 6". In sizes 8"-12", the ANSI B 16.10 face-to-face is available with a reduced port (see Series 75S dimensions below).

Materials of Construction

- ▶ Cast iron or aluminum body
- ▶ Sleeves available in Pure Gum Rubber, Neoprene, Hypalon®, Chlorobutyl, Buna-N, EPDM and Vitor®
- ▶ Heavy-duty carbon steel mechanism, (optional stainless steel stem) position indicator, brass bushing and grease fittings
- ▶ ANSI Class 125/150 flanges or metric flanges

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.



Dimensions Series 75

Valve Size D*	Length F-to-F	Width A	Height		Handwheel Diameter		Working Pressure (psi)**	Valve Weight (lbs)	
			B	C	E	G**			
1 x 1/2"	5-1/2"	6-1/4"	10-5/8"	3"	6"	-	150	20	
1 x 3/4"	5-1/2"	6-1/4"	10-5/8"	3"	6"	-	150	20	
1"	5-1/2"	6-1/4"	10-5/8"	3"	6"	-	150	20	
1-1/2"	6-1/2"	9"	11-1/2"	3-5/8"	6"	-	150	34	
2"	7"	7-3/4"	14-7/8"	4-1/2"	12"	-	150	50	
2-1/2"	7-1/2"	9-3/4"	16-9/16"	4-3/4"	12"	-	150	62	
3"	8"	9-1/2"	16-9/16"	5"	12"	-	150	80	
4"	9"	10-3/4"	17-3/8"	5-1/2"	12"	18"	150	85	
5"	10"	15"	24-1/4"	7-3/4"	24"	18"	150	170	
6"	10-1/2"	15-1/2"	24-1/4"	7-7/8"	24"	24"	150	186	
8"	16"	19-3/4"	34"	9-3/8"	24"	24"	125	400	
10"	20"	24-1/2"	36-7/8"	10"	24"	24"	100	500	
12"	24"	35"	40"	11-1/2"	24"	24"	100	650	
14"	28"	37"	41-1/2"	14-1/2"	24"	24"	75	1030	
16"	32"	40-1/2"	53-1/2"	15-1/2"	24"	24"	50	1250	
18"	36"	51"	54-1/2"	16-1/2"	24"	24"	50	1400	
20"	40"	40"	59"	17"	36"	30"	50	1610	
24"	48"	CONSULT FACTORY							
30"	60"								
36"	72"								
42"	84"								
48"	96"								

Dimensions Series 75S

Flange Size	Port Size D	Length F-to-F	Valve Weight (lbs)
8"	6"	11-1/2"	328
10"	8"	13"	442
12"	10"	14"	687

* Larger sizes available, consult factory.

** With optional bevel gear.

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

