

Series 75B

Underground Service Pinch Valve



- ▶ **Designed for buried service**
- ▶ **Sealed body and yoke with no packing to maintain**
- ▶ **Sleeve is the only wetted part, reduces maintenance**
- ▶ **Above ground position indicator available for instant position identification**

Materials of Construction

- ▶ **Cast iron body, carbon steel yoke**
- ▶ **Sleeves available in Pure Gum Rubber, Neoprene, Hypalon®, Chlorobutyl, Buna-N, EPDM and Viton®**

When ordering a Series 75B, please specify which of the following operating options your application requires:

- ▶ **AWWA nut**
- ▶ **Handwheel on top with no bevel gear**
- ▶ **Bevel gear operator**
- ▶ **Bevel gear operator with dial gear (G.P.I) position indicator**

The Series 75B on the right is shown with a bevel gear operator and a 90° handwheel.

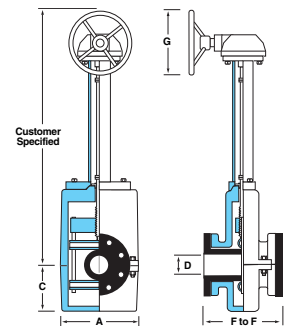
The Series 75B Manually operated Pinch Valve is a reliable, maintenance-free, cost-effective valve designed for tough slurries and abrasive or corrosive chemical applications below ground. This intrinsically safe pinch valve, which was

developed specifically for underground service, is sealed with an epoxy coating and can be supplied with an above ground position indicator for instant identification if the valve is open, closed or in the throttled position. There are no seats to grind, no stuffing boxes to repack and no packing glands to adjust with the 75B. The pinching action is on centerline so the valve closes on a smooth venturi and is self-cleaning.

Series 75B Pinch Valves have been in underground service for over 30 years in chemical and sewage treatment facilities. The 75B is virtually maintenance free.

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

Custom stem extensions, AWWA nuts and floor stands are also available for the Series 75B.



DIMENSIONS SERIES 75B

Valve Size D*	Length F-to-F	Width A	Height C	Handwheel Diameter		Working Pressure (psi)	Valve Weight (lbs)
				E	G**		
1"	5-1/2"	5-7/8"	2-7/8"	6"	-	150	20
1-1/2"	6-1/2"	9"	3-5/8"	6"	-	150	40
2"	7"	10-1/2"	5-3/8"	8"	-	150	70
2-1/2"	7-1/2"	9-1/2"	4-3/4"	12"	-	150	80
3"	8"	9-1/2"	5"	12"	-	150	90
4"	9"	10-3/4"	5-1/2"	12"	18"	150	100
5"	10"	15-3/8"	7-3/4"	24"	18"	150	200
6"	10-1/2"	18-1/4"	8-3/8"	24"	18"	150	220
8"	16"	23-1/4"	9-3/4"	24"	18"	125	420
10"	20"	31-1/4"	10"	24"	18"	100	510
12"	24"	35"	12"	24"	18"	100	650
14"	28"	37"	14-3/8"	24"	18"	75	1030
16"	32"	36-3/8"	15-1/2"	24"	18"	50	1250
18"	36"	44"	20-1/2"	24"	18"	50	1400
20"	40"	49-1/4"	21"	24"	18"	50	1610
24"	48"	51"	25"	24"	18"	50	2028

* Larger sizes available.

** With optional bevel gear.

