

Series 9000

High Pressure Manual Pinch Valve



- ▶ High-pressure pinch valve design
- ▶ Heavy-duty polyester or Kevlar®-reinforced high-pressure sleeve is the only wetted part
- ▶ Extended service life
- ▶ Sealed body design
- ▶ Full pressure rated body



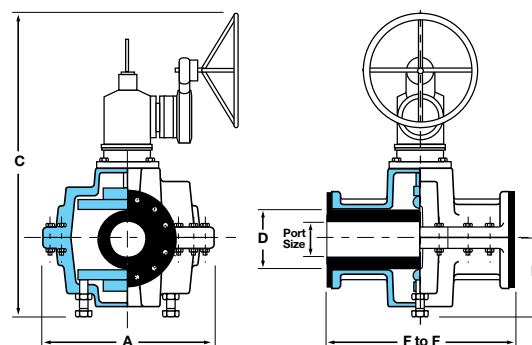
The Series 9000 high-pressure manual pinch valve is designed with ANSI Class 300 flange drilling. The heavy-duty elastomer sleeves are reinforced with high strength nylon, polyester fabrics or Kevlar® material. Several heavy-duty sleeve designs are available. The elastomer sleeve will close even on solids. The flexing action of the sleeve eliminates the possibility of scaling. Two heavy-duty pinch bars close the sleeve. All valve working parts are isolated from the process by the sleeve. Special "O" ring seals built into the flange prevents leakage at the flanges. Combining these features with a sealed body design and no packing to maintain results in a simple, rugged, no-hang-up, maintenance-free valve.

Several bevel gear actuators are available for on/off manual operation.

In order to accommodate the higher working pressure design, the valve is normally sized one size larger to allow for the thick double wall high pressure sleeve. As shown on the chart below, a 6" port size valve requires an 8" flange body size. Series 9000 designs are also available in ANSI Class 150 designs. They are also available with pneumatic, electric or hydraulic actuators.

Materials of Construction

- ▶ Ductile iron, steel, stainless steel bodies
- ▶ Sleeves available in Pure Gum Rubber, Neoprene, Hypalon®, Chlorobutyl, Buna-N, EPDM and Viton®
- ▶ Bevel Gear 4:1, 8:1, 16:1 or 22:1 actuator
- ▶ Drilled and tapped to mate with ANSI B16.5 Class 300 flanges, optional Class 150 flanges and metric flanges available



DIMENSIONS SERIES 9000 HIGH PRESSURE MANUAL PINCH VALVE

Flange Size D	Port Size*	Length F-to-F	Width A	Height		Working Pressure psi**	Weight lbs
				B	C		
2"	x 1"	9-1/2"	16"	8"	22	300	250
3"	x 2"	10-3/4"	17"	9"	26	300	335
4"	x 3"	14"	20"	11"	28	300	600
6"	x 4"	20"	23"	13"	33	300	900
8"	x 6"	26"	25"	15"	39	300	1000
10"	x 8"	32-1/2"	33"	20"	51	300	1200
12"	x 10"	38-1/2"	40"	25"	62	300	1600

* Other port sizes available.

** Higher working pressure designs available, consult factory.

