

# Series 9000 High Pressure

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



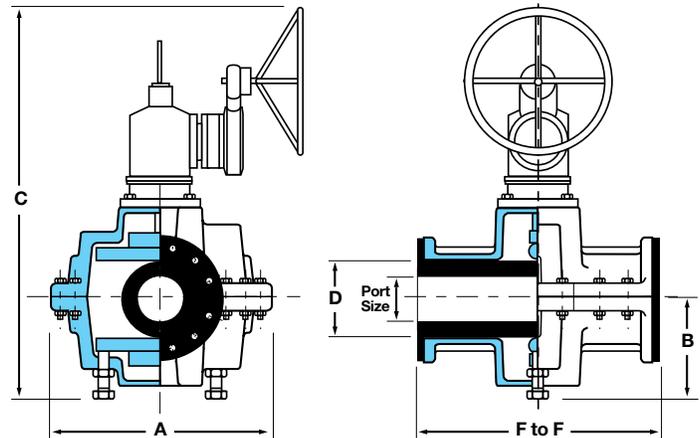
The Series 9000 high-pressure manual pinch valve is designed with ANSI Class 300 flange drilling. The heavy-duty elastomer sleeves are reinforced with high strength nylon, polyester fabrics, or Kevlar® material. Several heavy-duty sleeve designs are available. The elastomer sleeve will close even on solids, and 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. 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 a 8" flange body size. Series 9000 designs are also available in ANSI Class 150 designs, and are available with pneumatic, electric, or hydraulic actuators.

## Materials of Construction

- ▶ Ductile, steel, stainless steel bodies
- ▶ Sleeves are 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 B 16.5 Class 300 flanges; Optional Class 150 flanges and metric flanges available



## Dimensions Series 9000 High Pressure Pinch Valve

Flange Size D	Port Size*	Length F-to-F	Width A	Height		Working Pressure psi **	Weight lb
				B	C		
1" x 1/2"		7-3/4"	12"	6"	16"	720	150
2" x 1"		9-1/2"	16"	8"	22"	720	250
4" x 3"		14"	20"	11"	28"	720	600
6" x 4"		20"	23"	13"	33"	720	900
8" x 6"		26"	25"	15"	39"	720	1,000
10" x 8"		32-1/2"	33"	20"	51"	720	1,200
12" x 10"		38-1/2"	40"	25"	62"	720	1,600

\* Other port sizes available.

\*\* Higher working pressure designs available — consult factory.