

**Series 1200 Pinch Valve ( Actuator )**  
**SUGGESTED SPECIFICATIONS**

The Control Pinch Valves shall be of the open body type. The body shall be carbon steel and shall conform to A.N.S.I. face to face dimensions. The valve shall be flanged with drilled through bolt holes. The valve body shall be a bolted assembly to allow access to the sleeve and pinch mechanism for maintenance and inspection purposes.

The Pinch Valve Sleeve should be of the fully flanged, fabric reinforced type. Reinforcement should be of high tensile synthetic cord and shall be externally protected by 1/8" thick neoprene.

The Sleeve shall have a means of attachment to the pinching mechanism to ensure positive opening.

The Sleeve port shall be circular and may be full port, reduced port or funnel port for control purposes as determined by the flow requirements.

Elastomer selection and design pressure will also be determined by the service conditions.

The Pinch Mechanism should be designed to ensure closure on centerline, the pinch bars must be guided by stainless steel tie rods, the Valve stem will be carbon steel or stainless steel and shall be non rotating where attached to the upper pinch bar. In the case that a fail to open / fail to close valve is desired the valve mechanism will be supplied with bottom closure.

The Piston Type Actuator shall be double acting, fail to open or fail to close depending on the process requirement.

The Piston Actuator shall be sized accurately to operate the valve when the process line pressure and actuator supply line pressure are known values.

Controls (pneumatic, electric, sensing etc.) for Actuator and ultimately Pinch Valve control shall be provided and installed on the valve as determined by the customer to suit the process control requirements.

Each Sleeve shall be branded with the model number, style, design pressure, temperature rating, type of elastomer and serial number on the cover.

The Pinch Valve manufacturer must maintain a Registered Quality Assurance Program which meets the requirements of ISO 9001.

The Pinch Valves shall be manufactured by Elasto-Valve Rubber Product Inc. located in Sudbury, Ontario, Canada.