PV20 SERIES

Closed Body Pinch Valve

OPERATION
The Cla-Val Series PV20 Closed Body Pinch Valves provide simple means to manually control the flow of abrasive and corrosive slurries, liquids and solids. The valve operates by turning the handwheel clockwise to close, counterclockwise to open like a gate valve, but unlike a gate valve the PV20 series valve has no packing or metal surfaces to wear out - the sleeve is merely squeezed to the desired open or closed position. The standard sleeve material, pure gum rubber, is made with reinforced polyester fabric for highest strength and longer lasting cycle life. Sizes 8" and larger are available with bevel gear operators suitable for automatic operation. Consult factory for details and assistance.

MAINTENANCE
Cla-Val Pinch Valves are basically maintenance free because the sleeve isolates all mechanical parts from the media. The sleeve is the only part typically inventoried for future replacement.

Quality Features at No Extra Cost!
- Short face-to-face
- Full port area
- Center sleeve closure
- Tight shut-off on solids
- Over pinch guard
- Positive pull opening tabs
- Valve position clearly visible

Heavy Construction at No Extra Cost!
- Rugged Ductile Iron body
- Easy to operate at high pressure
- Lubricated stem and bearing pad
- Stainless steel guide rods
- Reduced port sleeves for throttling flow
- Double wall sleeves for severe application

Many Synthetic Sleeve Materials Available:
Neoprene - Chlorobutyl - Hypalon - Buna-N® - Ethylene Propylene Rubber - Urethane and Viton™
When ordering above sleeve materials add the first letter of the material after the model number. i.e. Model PV20.10N (N for Neoprene)

WHEN ORDERING,
Please specify following information:

<table>
<thead>
<tr>
<th>Flange</th>
<th>Drilling</th>
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<tbody>
<tr>
<td>ANSI</td>
<td>PN 6</td>
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<tr>
<td>ANSI 300</td>
<td>PN 10</td>
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<tr>
<td>Other</td>
<td>PN 16</td>
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<td>BS 10</td>
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Sleeves Available in Different Styles.

Pinch Valve
Standard Sleeve

Pinch Valve
Double Wall Sleeve

Pinch Valve
Reduced Port Sleeve

Sizes 6" and smaller conform to ANSI B16-10 FF Laying Length. Sizes 8" and larger available with bevel gear operators and custom fabricated housings. Consult factory for final dimensions.