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Барнаул (3852)73-04-60
Белгород (4722)40-23-64
Брянск (4832)59-03-52
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Вологда (8172)26-41-59
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Пенза (8412)22-31-16

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Казахстан (772)734-952-31

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Manual Pinch Valves

MVI manual pinch valves are reliable, maintenance-free, cost-effective valves engineered for tough slurries, abrasives, and corrosive chemical applications.

MVI Manual Operated Pinch Valves are reliable, maintenance-free, cost-effective valves engineered for tough slurries, abrasives, and corrosive chemical applications. The 100% full port design eliminates any dead spots or crevices, seats or bearings where slurry can hang up and impair operation or even cause complete valve failure. Manual Pinch Valves employ high quality elastomer technology to provide smooth venturi flow, centerline closure, and excellent throttling characteristics.

Design and Manufacturing: ASME B16.34, Factory Standard

Flange Ends: DIN 2544, ASME B16.5, RF Flange Connection (can be according to customer's request.)

Face to Face dimension can be customized.

Body: Aluminum alloy, Cast Iron, Ductile Iron, Fabricated Carbon Steel

Sleeve Material: Natural Rubber, NBR Composition, EPDM, High Performance Wear-resistant Modified Rubber.

Temperature Range: -30°C to 120°C



Manual Modified Rubber Seated Pinch Valves

The principle of design is very simple, with few moving parts. Two mechanical pinch bars open and close the elastomer sleeve. The heart of this unique valve is the durable, flexible rubber sleeve that is reinforced with high-strength fabric. The sleeve, which is the only part of the valve exposed to the line process, eliminates maintenance and the need for expensive, exotic body materials. Valve operation will not freeze and operating torques remain constant, even if the valve has remained in the open or closed position for years, making it ideal for pump isolation.

The **MGJ41X-10Q series** has excellent control characteristics and can be used as a throttling manual control valve. By simply turning the handwheel, operators can fine tune the valve position to maintain a constant rate of flow. Few manual valves have this throttling advantage. Zero leakage is maintained bi-directionally.

Product Features:

1. Natural rubber outer layer keeps sleeve protected under environmental erosion.
2. Middle-layer braided fabrics keeps whole sleeve more stronger using even under high pressure.
3. Special internal contact layer keeps sleeve in super wear-proof performance, extend its life 3 times more than common material rubber sleeve.
4. 20mm superior thickness rubber sleeve to optimize the wear life.
5. Integral elastomer molded flange
6. Bi-directional Drop-tight shutoff
7. Self-cleaning by full flow bore design.
8. Excellent throttling performance when automatic actuated.
9. Easy replacement.



Fabricated Carbon Steel With Modified Rubber Elastomer Sleeve

Our **MGJ41X-10C** Manual Pinch Valve is the counterpart to the unique **MGJ41X-10Q** and has the same design features and advantages, but the heavy cast iron housing is eliminated and a strong fabricated steel body is used in its place. The **MGJ41X-10C** is less costly, lighter, versatile and can be used when the location of the valve is not exposed to attack from corrosives or other volatile material.



Aluminum Body With NBR Composition Sleeve

General Applications:

1. Heat-engine plant, Coal coking plant, Coal washery,
2. Mine metallurgy plant, Petrochemical plant, Chemical plant
3. Power plant, Steel plant, aluminum industry

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