



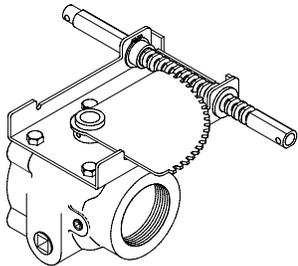
SPECIFICATIONS – ACCESSORIES: DISCHARGE VALVES

Open and Close Easily at any Pressure

Waterous ball-type discharge valves are available in 2-1/2 inch standard or full-flow and 3-1/2 inch sizes and will provide you with easy, reliable operation, and low maintenance costs. The 3-1/2 inch discharge valve is ideal for use with large diameter fire hose.

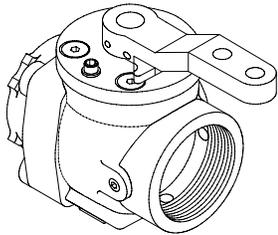
Reliable Operating Mechanisms:

These valves are designed to open and close easily at any pressure, with any one of a variety of reliable operating mechanisms offered by Waterous. Mechanisms include provisions for valves mounted at the operator's panel, remote panel mounting, top control arrangements, and for front mounted pumps.



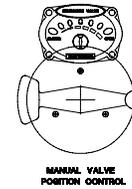
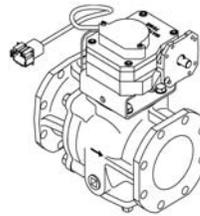
Push-Pull, Twist Lock Operation (2-1/2" STD & FF Only)

The rack and sector operating mechanism provides constant operating force at any valve position. A simple twist of the panel mounted "T" handle locks the valve in any position regardless of discharge pressure.



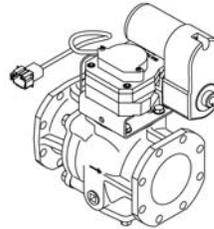
Quarter-Turn, Remote Locking (2-1/2" STD & FF Only)

This control offers the same basic features as the other types except that a locking system is not included as part of the operating mechanism. Often used with top mounted panels.



Manual Rotary (All Valves)

Complies with NFPA requirement of slow actuation. The hand crank worm gear actuator allows easy operation of any size valve. Bright LED's give accurate valve position.



Electric Rotary Actuator (All Valves)

Complies with NFPA requirements for slow operation. The electric actuator is designed for easy positioning of valves with a panel mounted switch. The compact control panel has bright LED's for accurate, easy to read valve position.

Descriptions:

Rugged Ball Valve

The chromium-plated bronze valve ball and bronze and stainless steel internal moving parts assure you of many years of dependable service. Ball bearings on the valve trunnions permit opening or closing the 3-1/2 inch valve easily, even under pressure. The 2-1/2 inch valves have upper and lower bronze bushings which support valve trunnions.

Multi-Port Drain Port

The Waterous valve design permits a single drain valve to drain both the valve body and discharge hose. This eliminates the expense of a separate valve drain and the nuisance of operating an extra control.

Adjustment-Free Seals

The hydraulically-balanced floating seal assembly is self-adjusting for wear, prevents leakage even under high pressure, and assures easy operation. Easily replaceable O-rings are used throughout. You never need to add or remove shims or make adjustments to correct for wear.

Discharge Extensions Available

The 2-1/2 inch discharge valves are available with a standard 2-1/2 inch threaded extension. The 3-1/2 inch discharge valves are available with a variety of extensions terminating at the panel with 3-1/2, 4, 4-1/2 or 5 inch outlets.

Industry-Leading Sales and Support

When you purchase Waterous equipment, not only do you get quality products, you get quality service. Our expert service technicians are the best in the business and they are always happy to answer any service questions you might have.

Sales/Applications Assistance
Phone: 651-450-5234 (Press 3)
pumpsales@waterousco.com

Service Assistance
Phone: 651-450-5200
Fax: 800-488-1228
service@waterousco.com

SPECIFICATIONS - ACCESSORIES: DISCHARGE VALVES

Optional Fittings

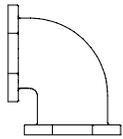
- Threaded Nipples
- Chrome-Threaded Adapters
- Tapped Flanges

Threaded Extensions

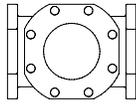
Straight discharge extension with 3-1/2 or 4 inch hose thread connection in either cast iron or bronze.

Siamese

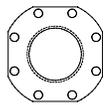
Two 3-1/2 inch discharge valves mounted on a vertical center line, with a siamese discharge extension with 4-1/2 or 5 inch hose thread in cast iron only.



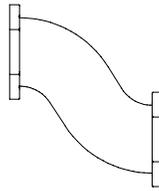
Elbows



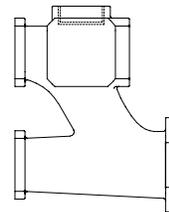
Tees



Tapped Flanges

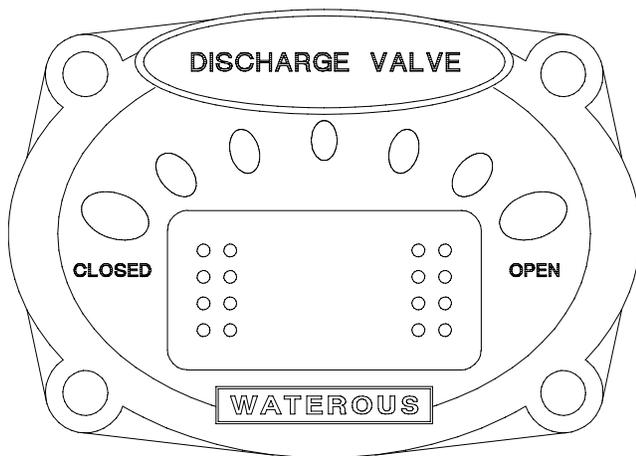


Extensions

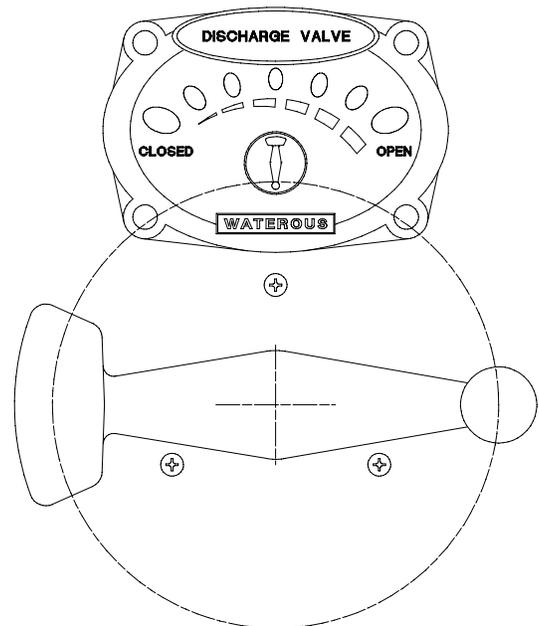


WYES

Control Panels



Electric Valve Position Control



Manual Valve Position Control