



Fulflo Specialties, Inc.'s hydraulic valves are relied on in oil and gas refining, pump and systems protection, industrial process, and military applications such as ships and aircraft carriers, as well as on compressor systems and lubrication skids. With reliable, chatter-free operation, Fulflo has become the relief valve of choice in a wide range of demanding environments.

Fulflo's guided piston valves provide reliable, quiet pressure relief. The valves are self-modulating, automatically opening and closing in proportion to changes in system pressure.

Fulflo Valves Benefits

- Chatter-free operation
- API 520 & 614 approved
- Able to be mounted in any position
- Suitable for continuous duty

V-Series Hydraulic Bypass Relief Valves



Size Range: 3/8"-2"

Pressures: 3-1000 psi

Flow Rate: Up to 150 gpm

Connections: Threaded, Flange

Materials: Brass, Cast Iron, Cast Steel, Stainless Steel

V-Series Valves operate efficiently in liquids of any viscosity at pressures up to 1000 psi. A range of construction options are available, including special trims and packings for use with corrosive liquids.

FV-Series Hydraulic Bypass Relief Valves



Size Range: 3/8"-2"

Pressures: 3-1000 psi

Flow Rate: Up to 150 gpm

Connections: Threaded, Flange

Materials: Brass, Cast Iron, Cast Steel, Stainless Steel

FV-Series valves are specially designed for safer operation, preventing venting of liquids and gasses during normal operations and adjustments. Valves operate efficiently in liquids of any viscosity at pressures up to 1000 psi.

OV-Series Hydraulic Bypass Relief Valves



Size Range: 1/2"-2"
Pressures: 10-500 psi
Flow Rate: Up to 150 gpm

Connections: Threaded, Flange
Materials: Brass, Cast Iron, Cast Steel, Stainless Steel

OV-Series valves operate off the inlet pressures only. The OV-Series valve is to be used in applications where valve opening pressure needs to be unaffected by backpressure.

A-Series Hydraulic Bypass Relief Valves



Size Range: 2 1/2"-4"
Pressures: Up to 500 psi
Flow Rate: 150-600 gpm

Connections: Threaded, Flange
Materials: Cast Iron, Cast Steel, Stainless Steel

A-Series valves handle large flows of liquid of all viscosities encountered in industrial practice. The pressure range for Direct Acting valves is up to 150 psi, Internal Pilot operated valves to 500 psi.

SVB-Series Hydraulic Bypass Relief Valves - UL 842 Approved



Size Range: 3/8"-2"
Pressures: 3-500 psi
Flow Rate: Up to 150 gpm

Connections: Threaded
Materials: Brass

SVB-Series valves are specially designed for flammable and combustible fluids. They are UL 842 approved for use with fuel oils on oil burner services, or anywhere UL-Listed valves are required.



Fulflo has been manufacturing its products in the USA for over 100 years. To ensure the highest quality control, all metal parts are manufactured, machined, stamped and assembled at its Blanchester, Ohio facility. Every valve is tested to ensure operation is to specifications, then stamped with model number for full tracking and accountability.