

Product Details

Mike Valve pays great attention to details of Industrial Valves Manufacturer. Industrial Valves Manufacturer has the following advantages: well-chosen materials, reasonable design, stable performance, excellent quality, and affordable price. Such a product is up to the market demand.

Application Scope

Mike Valve's valve manufacturer is mainly used in the following aspects. Mike Valve is committed to producing quality Industrial Valves and providing comprehensive and reasonable solutions for customers.

Company Advantages

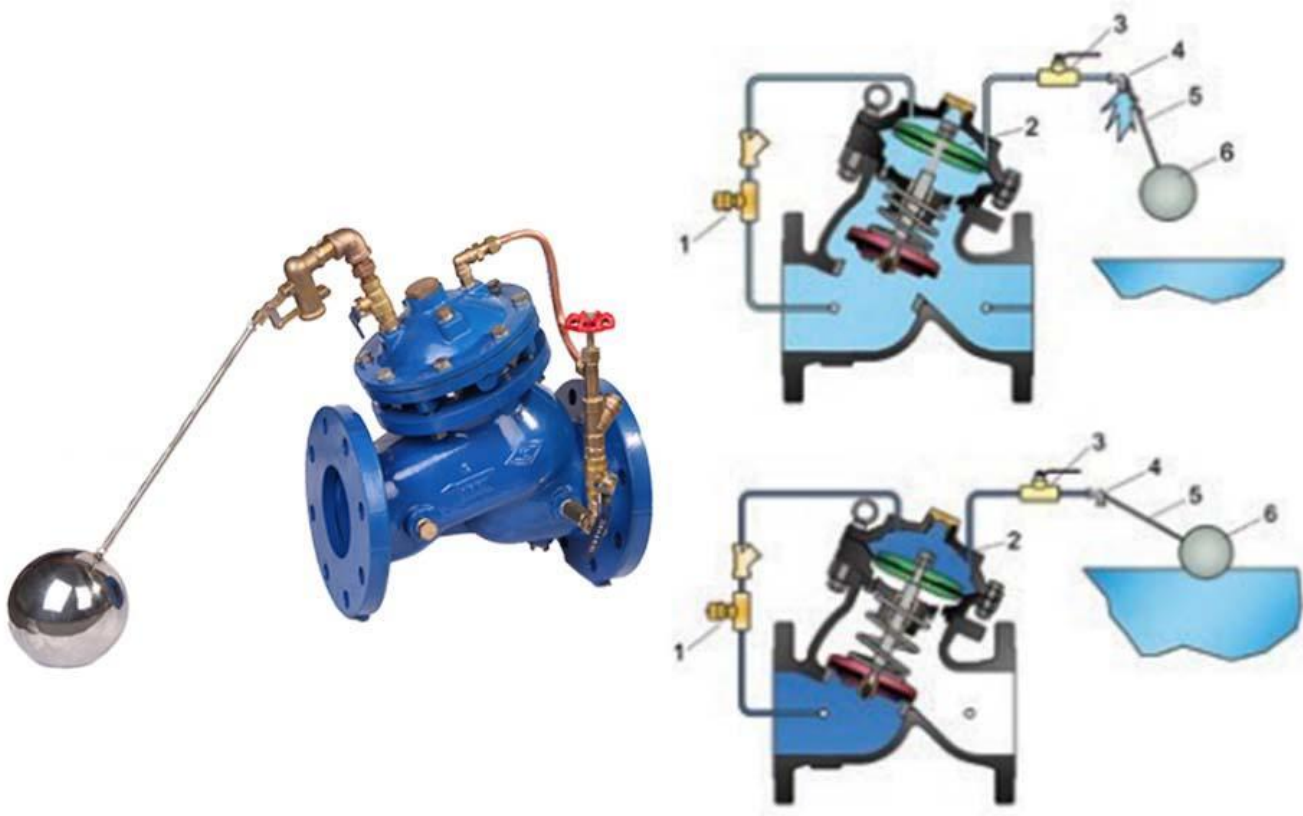
1. Mech Valve safety relief valve is manufactured in accordance with the quality standards of the industry.
2. Product quality meets the requirements of international quality standards.
3. Reliable certification: the product has been submitted for certification. To date, several certificates have been obtained, which could be evidence for its excellent performance in the field.
4. This product can lead to large scale production, division of labor and specialization. These, in turn, will increase production, reduce costs and raise profits.

Statement

SK750X Remote Float Control Valve is a diaphragm type of hydraulic control valve driven by the hydraulic pressure within the piping system, designed with adjustable parallel float. The valve is capable to maintain the water surface at set position despite the fluctuation of flow rate and widely applied where there is water reservoir or water box for injection of water.

Features

Operational principle



SK750X Remote Float Control Valve is controlled by angle valve, float and ball lever, and equipped with needle valve, mini strainer and ball valve, etc.

Under normal conditions, water flow comes continuously from the inlet opening to the upper cavity room

(2) of the basic valve through the needle valve (1); When the float is not reaching the set position, the angle valve 4 remains open. The water that enters the upper cavity room of the basic valve discharges into the water tank and no accumulation within. Under this condition, the disc of the basic valve remains open at the water pressure from the inlet opening to allow water supply to the water tank. With the raising of the water surface, the float (6) gradually raises and closes the angle valve (4). Pressure gets accumulated within the upper cavity room and drives the membrane down to close disc and the basic valve gradually. When the water surface reaches the set position, the angle valve close completely and so with the basic valve and the water supply stops. When water position declines, the pressure within the upper cavity room gets released through the angle valve and the basic valve opens to continue with water supply.

Needle valve (1) serves to control the closing speed of the valve to prevent formation of water hammer; In case the float is not working, ball valve (3) can close the basic valve for emergency cut-off.

🔴 Property and advantages

- Driven by pressure of pipe system, work automatically with energy of pipe system to achieve energy conservation and environment protection.
- Controlled by the pilot valve, lower energy consumption, achieve accurate pressure reducing results, have function of stabilizing pressure after the valve.
- Dual cavity design, with functions of fully opening and fully closing. Slow shut causes no pressure fluctuation, and the diaphragm with support is well protected.
- Have internal orifice, connect bottom cavity and outlet of the basic valve, make sure stability of reaction to keep stability of pressure after the valve, avoid any vibration and noise.

- Channel with straight-flow, slight friction loss, no eddy flow and turbulent flow, cut down the damage of cavitation.
- Long pitch orientation design for stem move, stable and no gap resistance.
- Balanced automatically, big gap design on connection of disc and stem, disc is free on the vertical flat against stem, it can balance the tolerance from machining and sealing surface. Good connection without leakage. Achieve functions of both reducing dynamic pressure and reducing static pressure.
- Ductile iron castings with nodularity higher than 90%, foundry in house with advanced melting technology and strict quality control system, testing reports and testing bars can be supplied with order. Records and testing bars maintained for one year in the factory.
- Good corrosion resistance, with stainless steel, copper alloy, rubber made from DuPont and other rust- resisting material, fusion bonded epoxy coating both for interior and exterior surface of the basic valve. All the characteristics in accordance with ANSI/AWWA C550 and other international specifications like WRAS, NSF61.



SK750X

Notes for installation and debugging

- All the Pressure Reducing Valves have been finished initial debugging tests before delivery. Further debugging test is also suggested during using according to different working conditions. After the pipe system becomes stable, please loose the adjusting screw on the top of pilot valve to the top- most position.
- After the pipe system becomes stable, please loose the adjusting screw on the top of pilot valve to the top- most position.
- Tighten adjusting screw of pilot valve in clockwise slowly. When outlet pressure increase to the set pressure please fasten the locknut under the adjusting screw.
- If go beyond the set pressure during adjusting, please repeat the above steps. Remember, pressure can be only adjusting from low level to high level and pay attention to make the adjusting slowly.