

ESG[®]



Working principle

The principle of the pressure reducing valve: by adjusting the bolt, setting the pressure of the control chamber, relying on the pressure of the control chamber and the energy of the medium itself, the fluctuation of the pressure behind the valve is balanced with the spring force, so that the pressure behind the valve is the outlet pressure, at a certain It remains constant over the error range. A function that reduces the inlet pressure to a desired outlet pressure value to maintain a constant fluid pressure in the post-valve line.

Characteristics

1. The valve parts are all made of stainless steel CF8M material, suitable for water, weak acid and weak alkali and other liquids;
2. The valve adopts the structural design combining piston type and diaphragm type to improve the service life of the valve;
3. the structure is simple, the reaction is sensitive, the pressure regulation is accurate.

Technical Parameters

Nominal Pressure: PN25

Pressure Regulation Range: 1-6bar (15-87psi), 4-10bar (58-145psi),8-13bar (116-189psi)

Medium Temperature: -15 ° C — +100 ° C

Seal: FPM

Valve Status: normally open

Connection Type: threaded (BSP, BSPT, NPT)

Body: CF8M