



HYFLO Fire Protection Valves - US

Model 500 Pressure Relief Valve Pressure Sustaining Valve

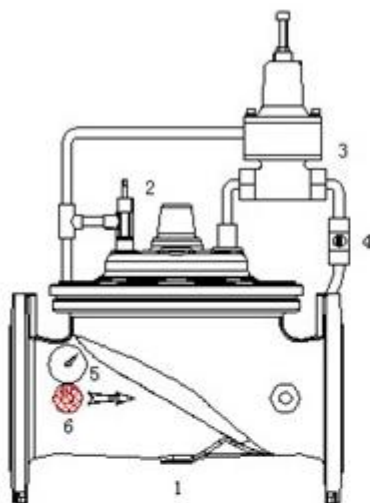
The Models 500 Pressure Relief Valve are hydraulically operated, pilot-controlled, modulating valves designed to maintain constant upstream pressure within close limits. Both are ideal for pressure relief, pressure sustaining, backpressure, or unloading functions in a by-pass system.

Pressure Sustaining Service

When installed in a line between an upper zone and a lower area of heavy demand, the valve acts to maintain desired upstream pressure to prevent "robbing" of the upper zone. Water in excess of pressure setting is allowed to flow to an area of heavy demand, control is smooth, and pressure regulation is positive.

Pressure Relief Service

This fast opening, slow closing relief valve provides system protection against high pressure surges on pump start up and pump shut down by dissipating the excess pressure to a safe location and dissipating the excess pressure to a safe location.



1. Main valve
2. Needle valve
3. Pressure relief Pilot
4. Ball valve
5. Strainer
6. *Pressure Gauge

- A. Inlet isolation valve
- B. Strainer
- C. Pressure relief valve
- D. Outlet isolation valve

