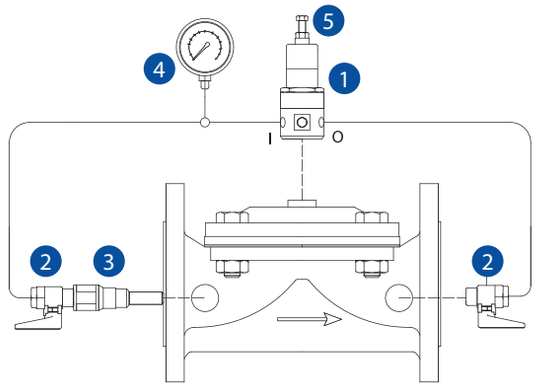




DESCRIPTION

Armaş "PS" model pressure sustaining hydraulic control valve maintains valve upstream pressure value constant. Valve is opened when line pressure reaches adjusted valve pressure level. It ensures that pump motor within pumping systems will start without load. It also prevents positive pressure waves caused by pump during start-up. Valve controls upstream pressure value continuously and keeps it in a constant value without being affected from changes in flow rates. When no flow exists, it is closed by itself as fully tightness.

PURCHASE SPECIFICATIONS

The valve will be direct diaphragm closing automatic hydraulic control valve which works with line pressure. No wearable parts such as stem, bearing and seat exist in main valve body.
The valve position will be controlled by a hand operated selector valve.

CONTROL SYSTEM COMPONENTS

1. Pressure Sustaining Pilot Valve
2. Ball Valves
3. In-line Finger Filter
4. Pressure Gauge
5. Adjustment Bolt

QUICK SIZING

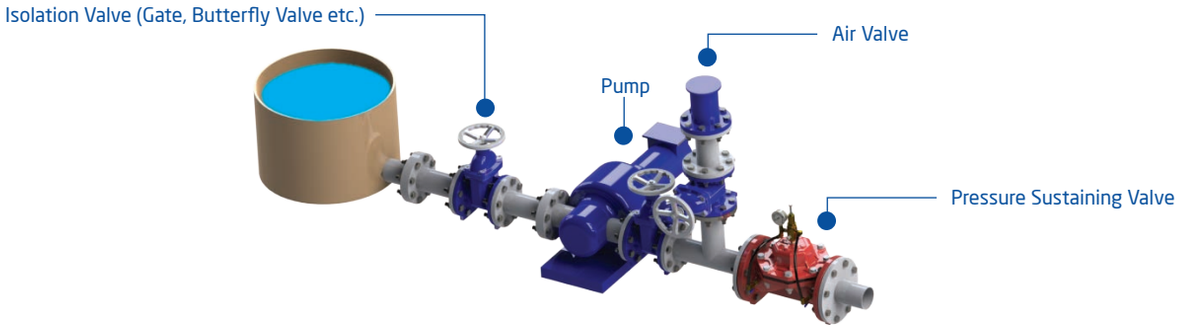
Valve size same as main line or one size smaller.
Maximum flow speed for continuous operation 5.5 m/sec (18 ft/sec)

ORDER INFORMATION

Please submit following information to our sales department while ordering.

Maximum flow rate	: m^3/h	Valve connection type	: --
Maximum network/line pressure	: bar	Desired upstream pressure	: bar
Main line size	: mm		

TYPICAL APPLICATION



Armaş Pressure Sustaining Valves control upstream pressure to provide a good condition operating for pump systems.