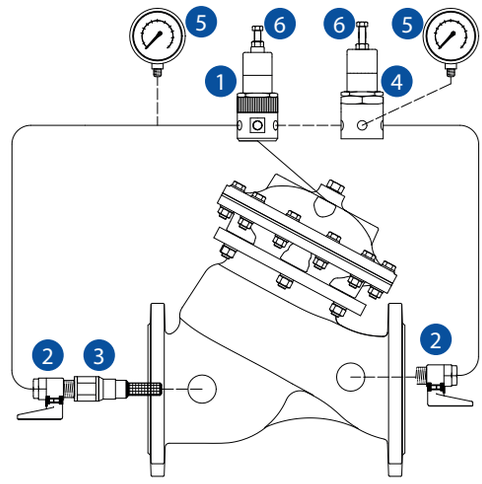
PRPS PRESSURE REDUCING and SUSTAINING VALVE



DESCRIPTION

Armaş "PRPS" model pressure reducing/sustaining hydraulic control valve reduces valve downstream pressure to desired value by sustaining upstream pressure. Two pilot valves exist on valve. Pilot valve on upstream side is the pressure sustaining pilot valve and sustains upstream pressure. Other pilot valve is pressure reducing pilot valve and keeps downstream pressure constant by reducing it to desired value. It controls upstream and downstream pressure continuously and keeps them within constant values.

CONTROL SYSTEM COMPONENTS

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

PURCHASE SPECIFICATIONS

The valve will be diaphragm actuated disc closing automatic hydraulic control valve which works with line pressure. Double-chamber diaphragm actuator provides quicker and non-impact opening/closing thanks to disc-closing valve design and prevents blockage by showing less sensitivity against solid substances within fluid.

QUICK SIZING

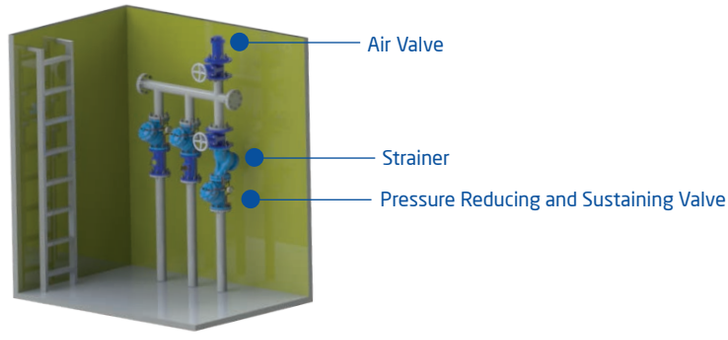
Valve size same as main line or one size smaller.
Maximum flow speed for continuous operation 5.5 m/sec (18 ft/sec)

ORDER INFORMATION

Please submit following information to our sales department while ordering.

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

TYPICAL APPLICATION



Armaş Pressure Reducing and Sustaining Valves can be used for avoiding any interaction of high altitude and low altitude usage areas which is feeded by same line and for avoiding unnecessary line discharge.