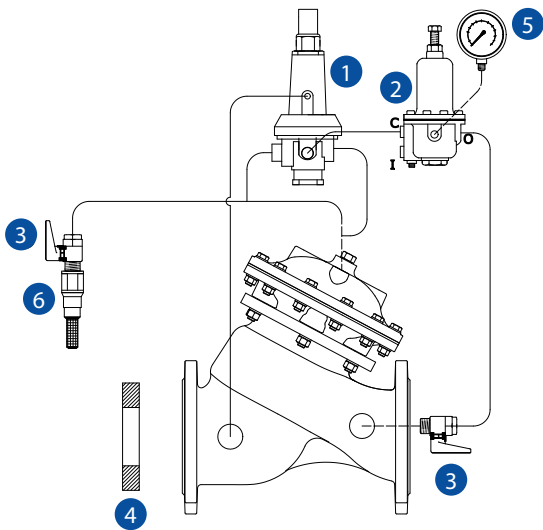


**FRPR FLOW RATE CONTROL and PRESSURE REDUCING VALVE**



● **DESCRIPTION**

Armas “FRPR” model flow rate control and pressure reducing valves, independently provides two functions. Flow control being provided with 3 way differential pilot valve on the main valve which works line pressure without any energy, pressure reducing pilot valve control the downstream pressure of main valve. Flow rate control and pressure reducing valves decrease the valve number on lines used flow and pressure control to economize.

● **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.

● **CONTROL SYSTEM COMPONENTS**

- 1 Flow Rate Control Pilot
- 2 Pressure Reducing Pilot
- 3 Ball Valves
- 4 Orifice Plate
- 5 Pressure Gauge
- 6 In-line Finger Filter

● **QUICK SIZING**

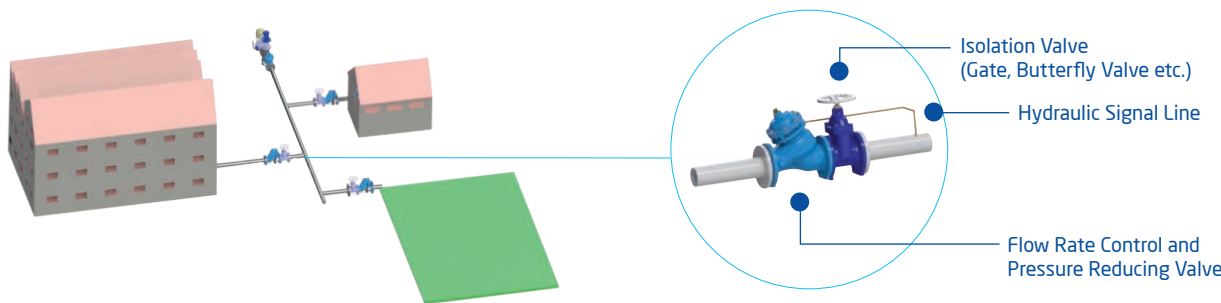
Valve size same as main line or one size smaller.  
Maximum flow speed for continuous operation 5.5 m/sec (18 ft/sec)

● **ORDER INFORMATION**

Please submit following information to our sales department while ordering.

Maximum flow rate	: m³/h	Maximum upstream pressure	: bar
Maximum network/line pressure	: bar	Desired flow rate	: m³/h
Main line size	: mm	Minimum upstream pressure	: bar
Valve connection type	: ---	Desired downstream pressure	: bar

**TYPICAL APPLICATION**



Armas Pressure Reducing and Flow Rate Control Valve is a combined hydraulic control valves which controls pressure and flow rate parameters.