

## DESCRIPTION

Armaş "PRD" model proportional pressure reducing control valves reduce high upstream pressure values and downstream pressure values at a rate of 1/3. Proportional pressure reducing control valves reduces the downstream pressure at about 1/3 without affecting from flow rate and upstream pressure values. When there is no flow in the system, valve closes itself drip-tight. Proportional pressure reducing control valves do not equalize the upstream pressure value to the downstream pressure value. The valves should be placed in series in the pipeline, otherwise the system will not be balanced.

## 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 3- way selector valve
- 2 In-line Finger Filter
- 3 Plug

## QUICK SIZING

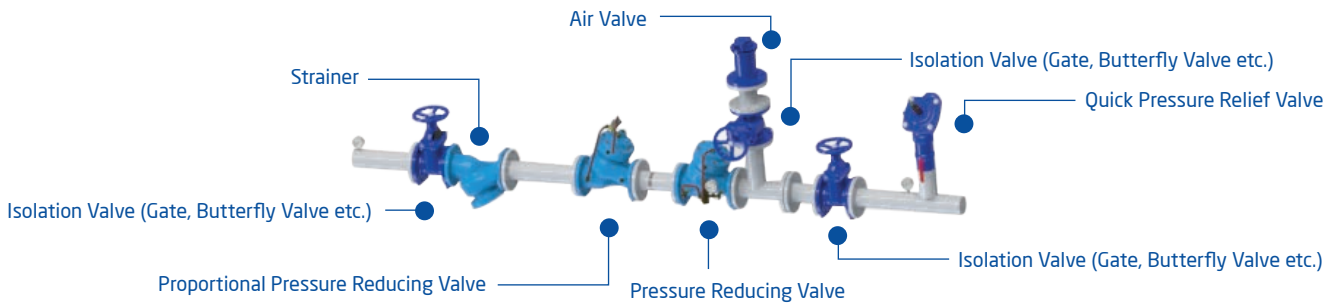
Valve size same as main line or one size smaller.  
Maximum flow speed for continuous operation 5.5 m/sec (18 ft/sec)

## ORDER INFORMATION

Please submit following information to our sales department while ordering.

Maximum flow rate	: m <sup>3</sup> /h	Valve connection type	: ---
Maximum network/line pressure	: bar	Maximum upstream pressure	: bar
Main line size	: mm	Minimum upstream pressure	: bar

## TYPICAL APPLICATION



Armaş Proportional Pressure Reducing Valves reduce pressure without any pilot as proportional according to catalogue values.