

● DESCRIPTION

Armaş "DIF" model differential pressure sustaining valves keep differential pressure between two points at a fixed value regardless of variable flow rate and upstream pressure. The determined upstream pressure can be easily adjusted by a pilot valve. The valve controls booster pumps drainage, heating and cooling systems, bypass lines, filters and similar systems.

● 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 Ball Valves
- 3 In-line Finger Filter
- 4 Differential Pressure Sustaining Pilot Valve
- 5 Pressure Gauge

- QUICK SIZING

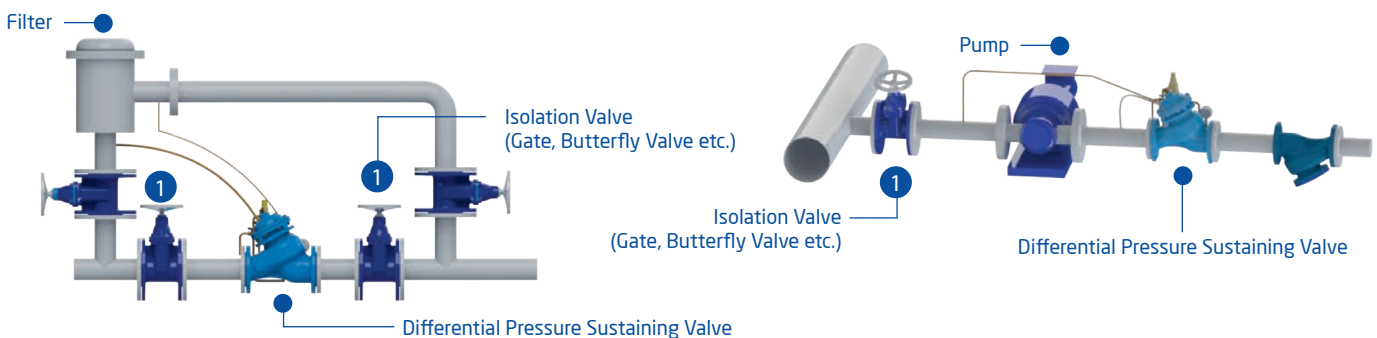
Valve size same as main line or one size smaller.
Maximum flow speed for continuous operation 5.5 m/sec
(18 ft/sec)

● 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 pressure difference value	: bar
Valve connection type	: ---		

TYPICAL APPLICATION



Armaç Differential Pressure Sustaining Valves sustain pressure difference of two different points which is located in the system.