

DESCRIPTION

Armas “FE” model excessive flow shut-off control valve is activated by the line pressure. The valve is a hydraulic control valve closes drip tight when flow rate exceeds the set value. The valve is fully open when flow rate is below the set rate. A differential 3 way pilot valve and orifis are on valve which immediately closes drip tihgt itself when flow rate exceeds the set value. This feature allows prevent waste water such as burst pipe damage. The valve is open manual after auto closing. It is set auto after the fully opening will be provided.

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 Ball Valve
- 3 3-way Selector Valve
- 4 Orifice Plate
- 5 In-line Finger Filter

QUICK SIZING

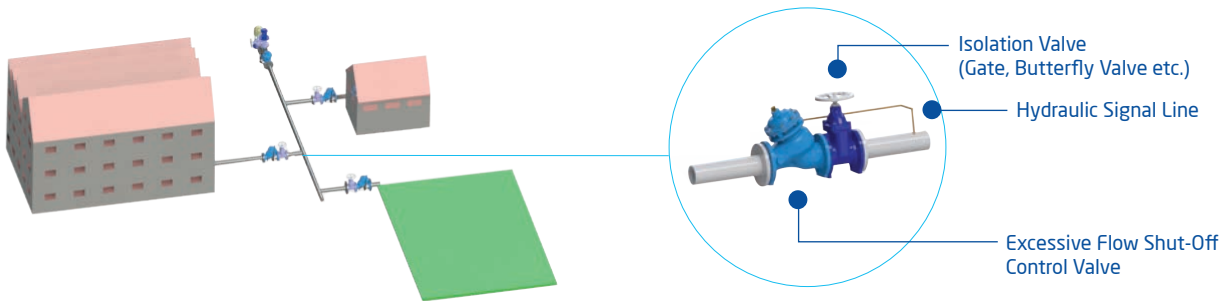
Valve size same as main line or one size smaller.
Maximum flow speed for continuous operation 5.5 m/sec
(18 ft/sec)

ORDER INFORMATION

Please submit following information to our sales department while ordering.

Maximum flow rate	: m³/h	Valve connection type	: ---
Maximum network/line pressure	: bar	Maximum upstream pressure	: bar
Main line size	: mm	Maximum Flow Rate for limiting	: m³/h

TYPICAL APPLICATION



Armas Excessive Flow Shut-off Valves prevent flood damages caused by pipe burst.