

Excess flow valve – 2" NPT

APPLICATION

Excess flow valves are spring-loaded valves, designed to close liquid flow in case of piping damage (i.e. rupture) downstream the valve. Valves and their closing flows should be chosen according to piping diameters and required (planned) flow through the given pipe. Excess flow valves should only be mounted by well trained and experienced personnel.

Excess flow valves do not shut-off the flow entirely – insignificant constant leak through the valve is a case when the valve is in closed position.

In valve disc there is a small opening, that allows for insignificant leak.

Valve remains closed until damage is not eliminated. Valve re-opens after the pressure on both sides of the valve disc equals.



MATERIAL SPECIFICATION

Standard version:

- body, plug and disc – S355J2
- spring - X5CrNi18 10

Valves also available in stainless steel.

Caution:

For proper work of excess flow valve it must be properly matched and installed. Size and closing flow should be chosen according to the type of service and working conditions. Valve should be mounted in the right direction. Flow downstream the valve should not be limited below closing flow of the used excess flow valve.

