

PRESSURE RELIEF VALVE

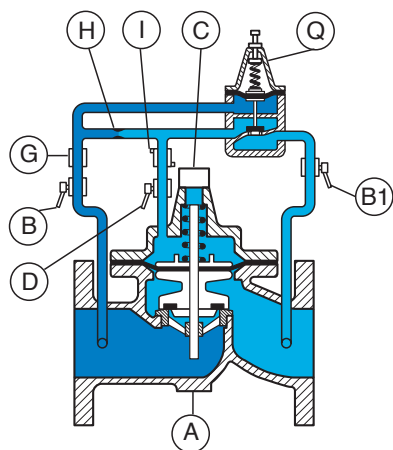
Type CL401/CL401C



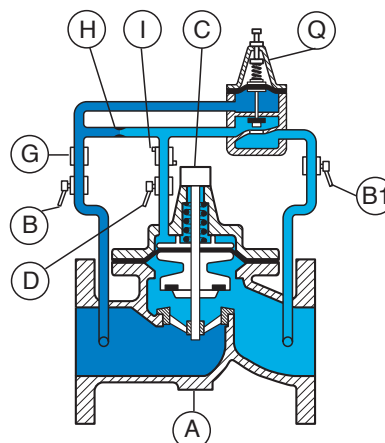
NB : Additional information is available on the data sheet listed as «Main valve».

- It controls and maintains a preset upstream pressure regardless of variations in flow rate.
- Equipped with non return valves, it closes automatically in case of backflow. (CL401C).
- Always mounted in line, it prevents the pump from reducing its suction pressure below the security point. It prevents also from exceeding the pumping capacity when the demand is higher.

Working principal



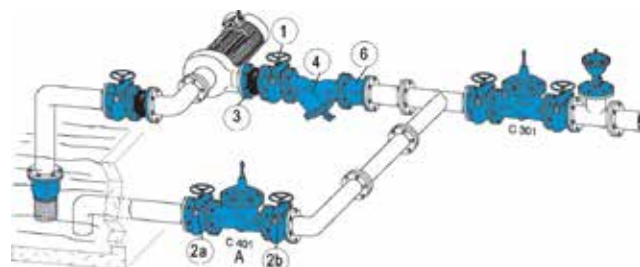
As long as upstream pressure is below the setting pressure, pilot Q is closed, upstream pressure pushes on the membrane of the main valve A which keeps closed.



As soon as upstream pressure is getting higher than setting pressure, pilot Q opens, releases the pressure from the membrane of the main valve A which opens and releases the overpressure.

Installation example and spare parts list

No	Description	Material
A	Main valve	Cast iron
B	Upstream isolation valve	Nickel plated brass
B1	Downstream isolation valve	Nickel plated brass
C	Drain cock	Brass
D	Chamber isolation valve	Nickel plated brass
G	Strainer	Brass
H	Orifice	Stainless steel
Q	Pilote valve CL301	Inox



No	Description
1	Isolation valve of the by-pass
2a - 2b	Isolation valves of the main water pipe
3	Rubber expansion joints
4	Filter