

M3200 • PRESSURE SUSTAINING / RELIEF VALVE



OPERATING PRINCIPLE

This valve maintains an adjustable minimum upstream pressure.

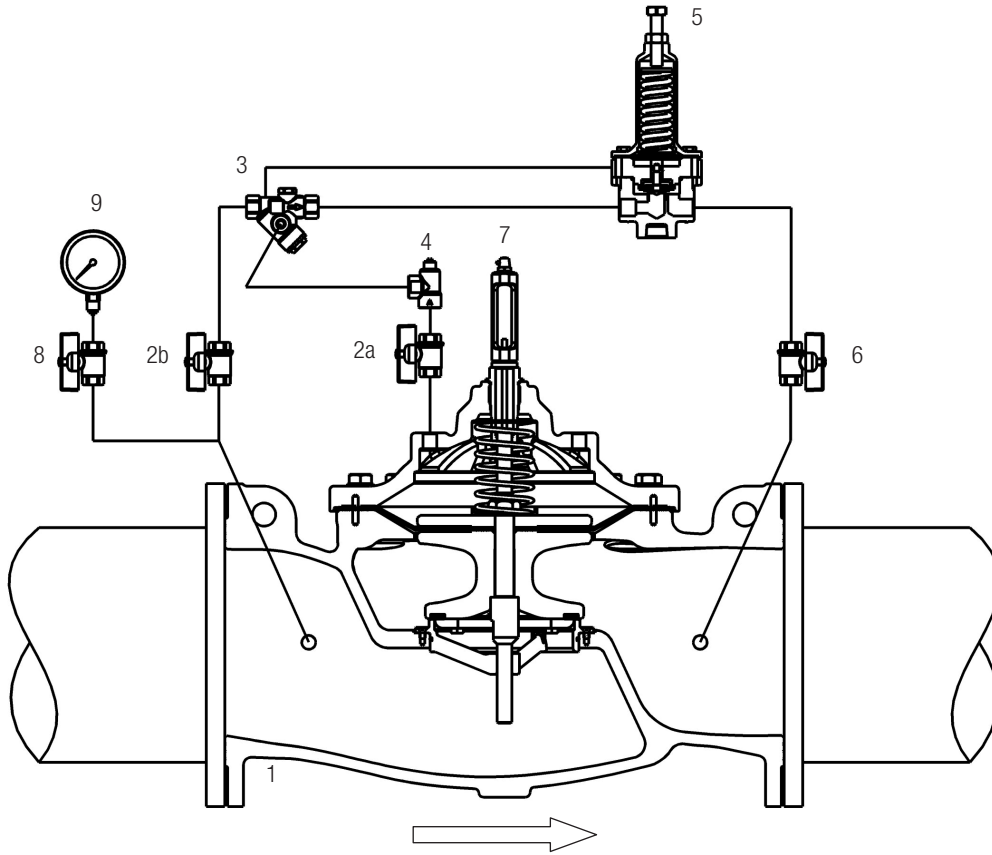
PRESSURE SUSTAINING APPLICATION: the valve is typically installed in a line between an upper and a lower zone. When, in the lower zone, there is a high demand, the automatic control valves maintain a minimum inlet pressure to prevent that the pressure drops in the upper zone.

PRESSURE RELIEF APPLICATION: the valve is typically used to protect systems or installations or pipes against high pressure surges.

ADDITIONAL FUNCTIONS

- shut-off remote electrical control;
- non-return;
- reverse opening device;
- two adjustable upstream pressure values both with electrical remote control and with fully manual hydraulic system;
- flow rate control;
- minimum-maximum level control with float pilot;
- constant level control with float pilot;
- pump sustaining and control valve.

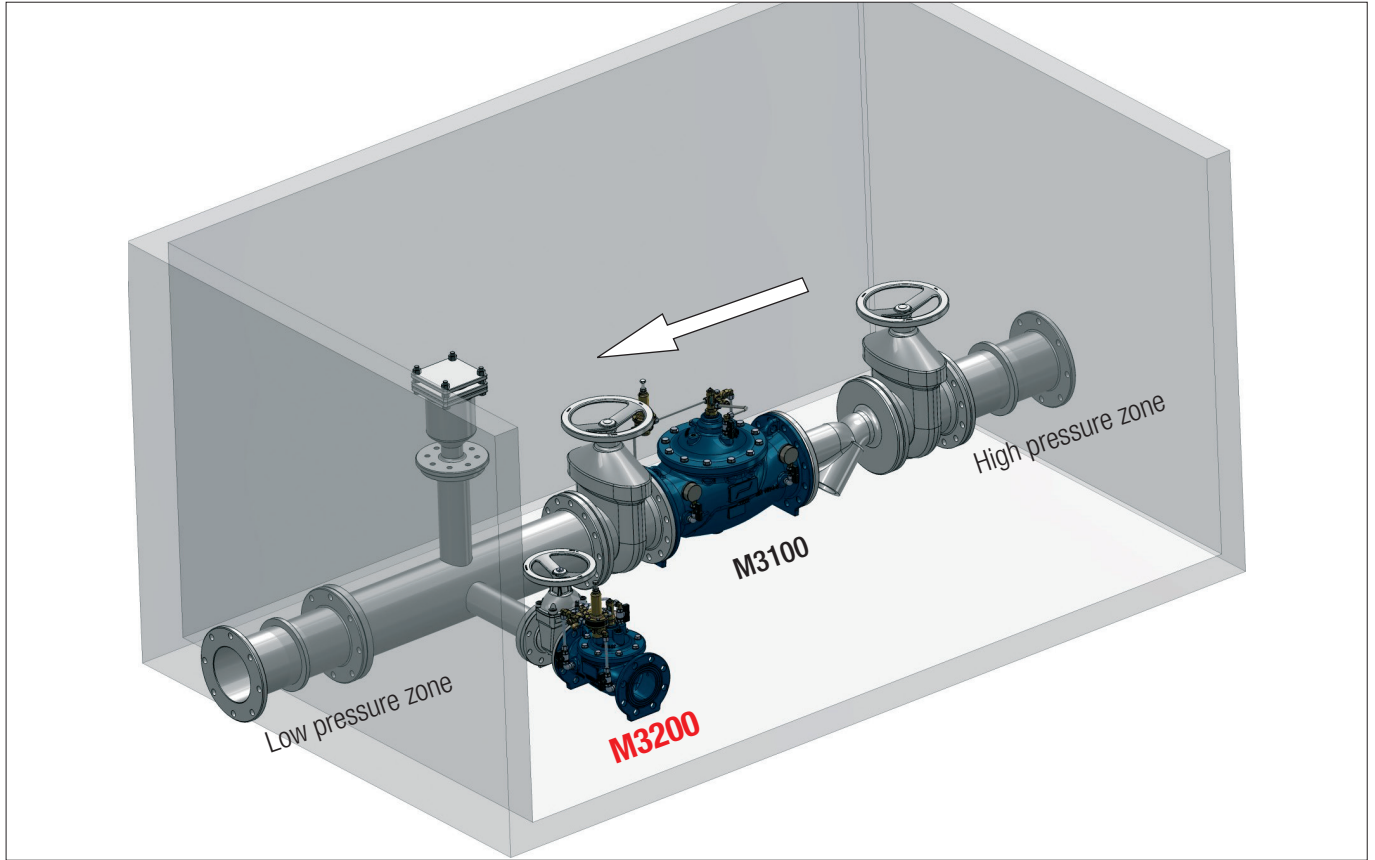
CIRCUIT AND MATERIALS



ITEM	DESCRIPTION	MATERIALS (STANDARD)	MATERIAL (HQY - HQ)
1	Main valve	GJS400-15 EN1563	GJS400-15 EN1563
2 (a,b)	Isolating ball valve	Ni-plated Brass	HQY: Ni-plated Brass HQ: 1.4401 EN10088-3
3	Y - Strainer with calibrated orifice	1.4401 EN10088-3 + Brass	1.4401 EN10088-3
4	Monodirectional needle valve	1.4401 EN10088-3 + Brass	1.4401 EN10088-3
5	Pressure relief / sustaining pilot	1.4401 EN10088-3 + Brass (CM200)	1.4401 EN10088-3 (CM260)
6	Isolating ball valve	Ni-plated Brass	HQY: Ni-plated Brass HQ: 1.4401 EN10088-3
7	Position indicator with manual venting device	Brass + Hardened glass	1.4401 EN10088-3 + Hardened glass
8	Gauge holder with drainage	Ni-plated Brass	HQY: Ni-plated Brass HQ: 1.4401 EN10088-3
9	Pressure gauge	1.4301 EN10088-3 + Glycerine	1.4301 EN10088-3 + Glycerine
--	Pipe	1.4401 EN10088-3	1.4401 EN10088-3
--	Fittings	1.4401 EN10088-3	1.4401 EN10088-3
--	Compression fittings	1.4401 EN10088-3 + Brass	1.4401 EN10088-3

RELIEF VALVE

to protect the system from surges.



SUSTAINING VALVE

suitable to maintain a minimum upstream pressure for critical users.

