

M3200 • PRESSURE SUSTAINING / RELIEF VALVE



OPERATING PRINCIPLE

This valve maintains an adjustable minimum upstream pressure.

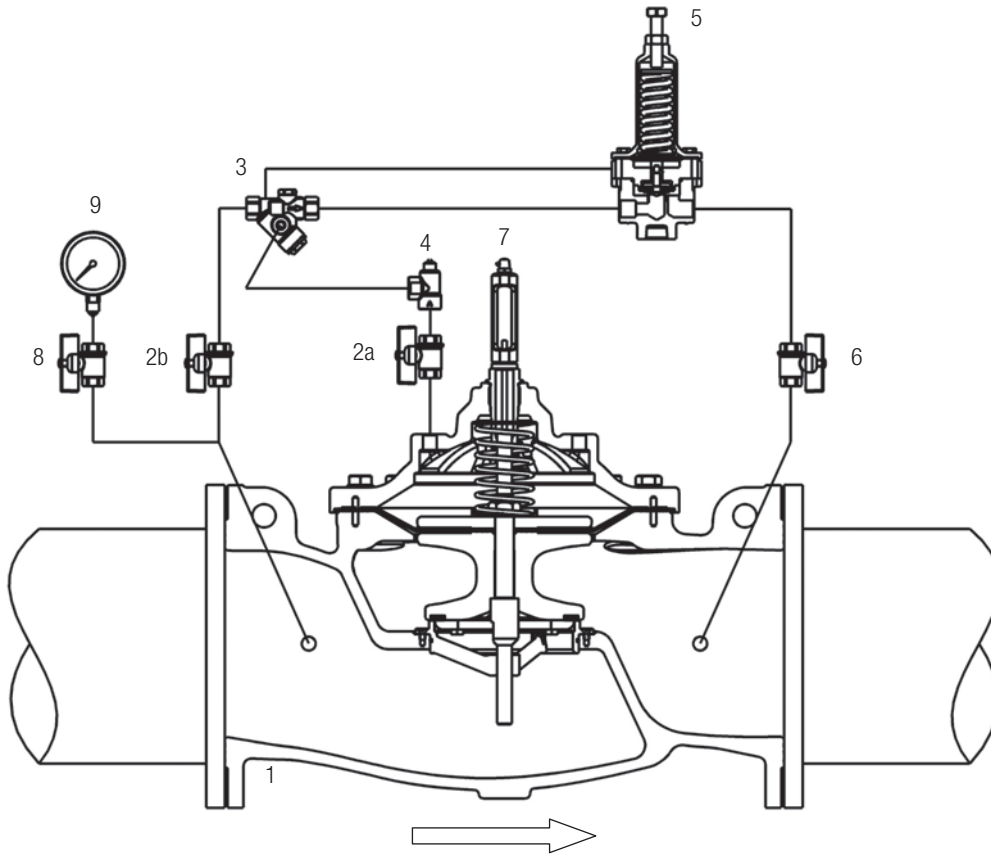
PRESSURE SUSTAINING APPLICATION the valve is typically installed in a line between an upper and a lower zone. When, in the lower zone, there is a high demand, the automatic control valves maintain a minimum inlet pressure to prevent pressure drop in the upper zone.

PRESSURE RELIEF APPLICATION the valve is typically used to protect system 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.

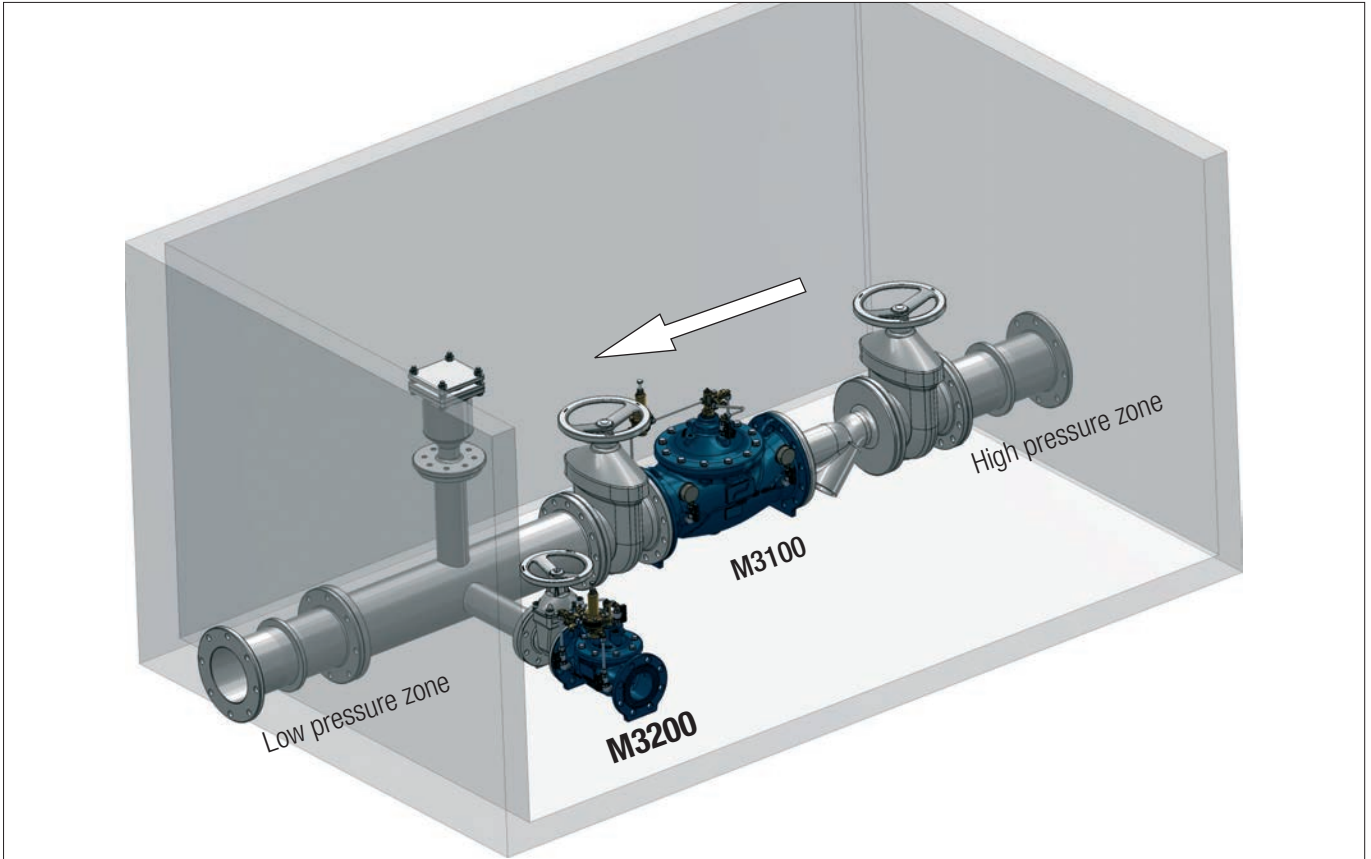
CIRCUIT AND MATERIALS



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

RELIEF VALVE

to protect the system from surges.



SUSTAINING VALVE

suitable to maintain a minimum upstream pressure for critical users.

