# M3200 • PRESSURE SUSTAINING / RELIEF VALVE



#### **OPERATING PRINCIPLE**

This valve maintains an adjustable minimum upstream pressure.

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

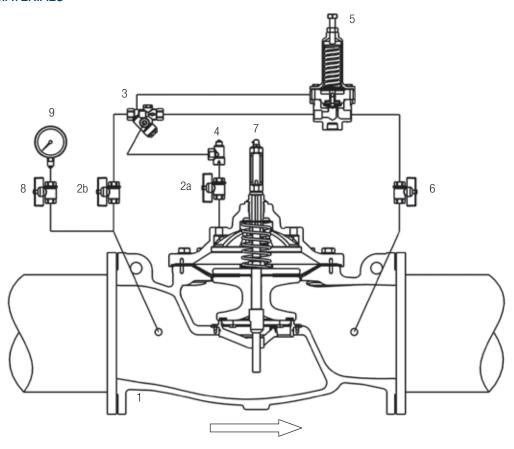
PRESSURE RELIEF APPLICATION the valve is tipically used to protect system or installations or pipes against high pressure surges.

#### 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**

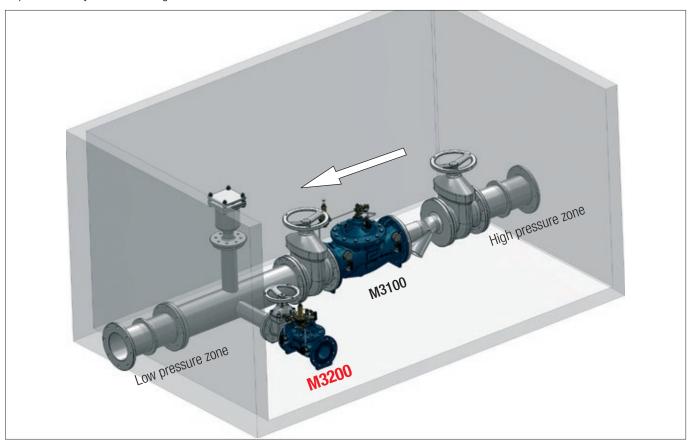


ITEM	DESCRIPTION	MATERIALS
1	Main valve	GJS400-15 EN1563
2 (a,b)	Isolating ball valve	Ni-plated Brass
3	Y - Strainer with calibrated orifice	1.4401 EN10088-3 + Brass
4	Monodirectional needle valve	1.4401 EN10088-3 + Brass
5	Pressure relief / sustaining pilot CM200	1.4401 EN10088-3 + Brass
6	Isolating 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.

