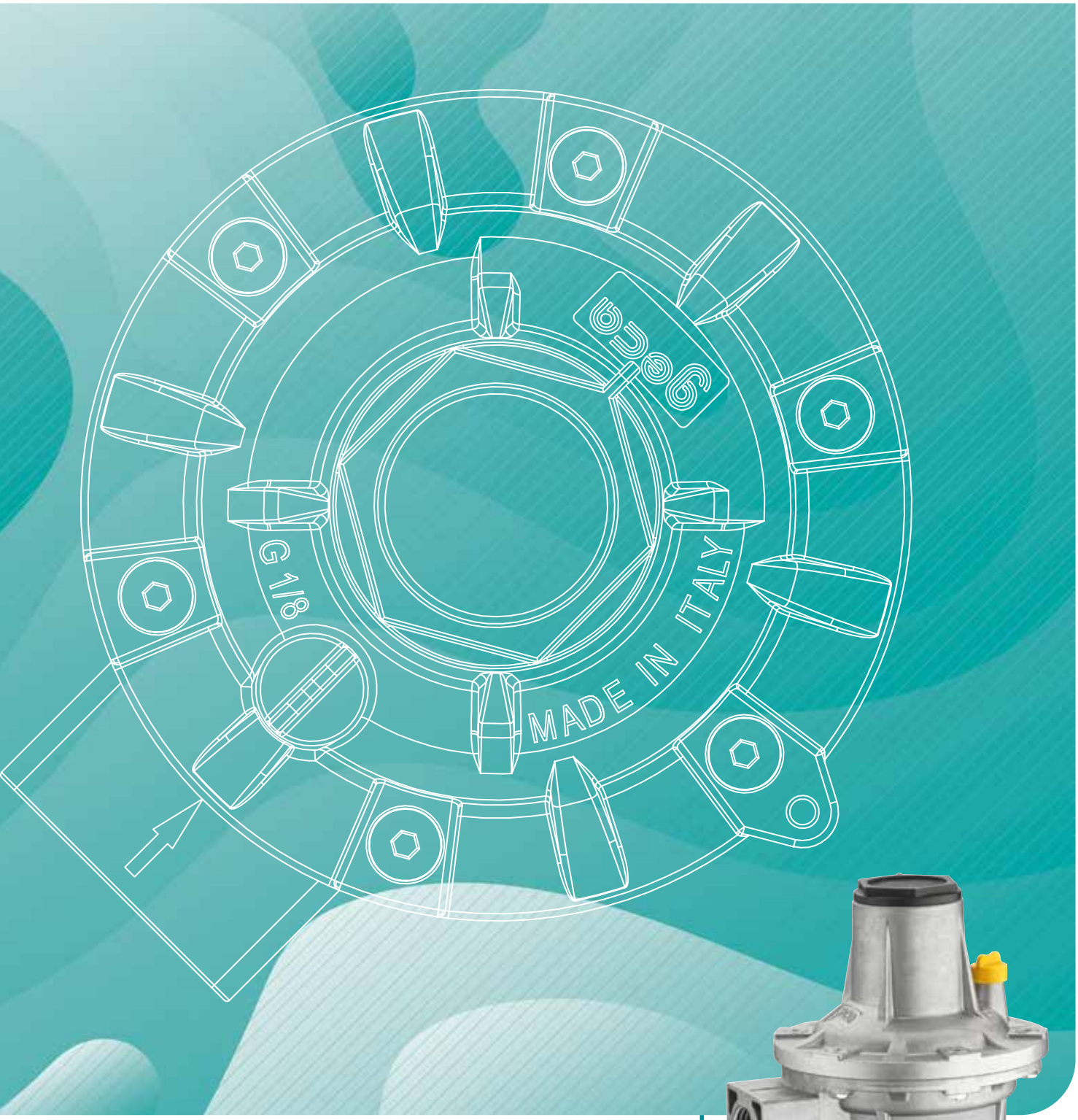


RELIEF VALVE

geca

Tecno Control

RELIEF VALVE RV



The **Relief Valve RV** which vents gas when the system pressure exceeds the set value due to temporary events. The relief valve will prevent downstream pressure from rising due to gas temperature change, downstream pressure shocks caused by sudden changes of flow or eventually regulator's lock-up failure.

The **Relief Valve** operates with the principle of comparing the thrust on the piston and the pressure of the gas to be controlled. When the thrust resulting from the gas pressure exceeds that one generated by the springs, the plug is raised and a certain amount of gas is discharged. Otherwise, the plug is released and closes the valve seat by the effect of the gas pressure to be controlled and the pre-setting spring.

The **Relief Valve** is designed according to the European standard EN 14382.
The product is certified according to European Directive 2014/68/EU (PED).

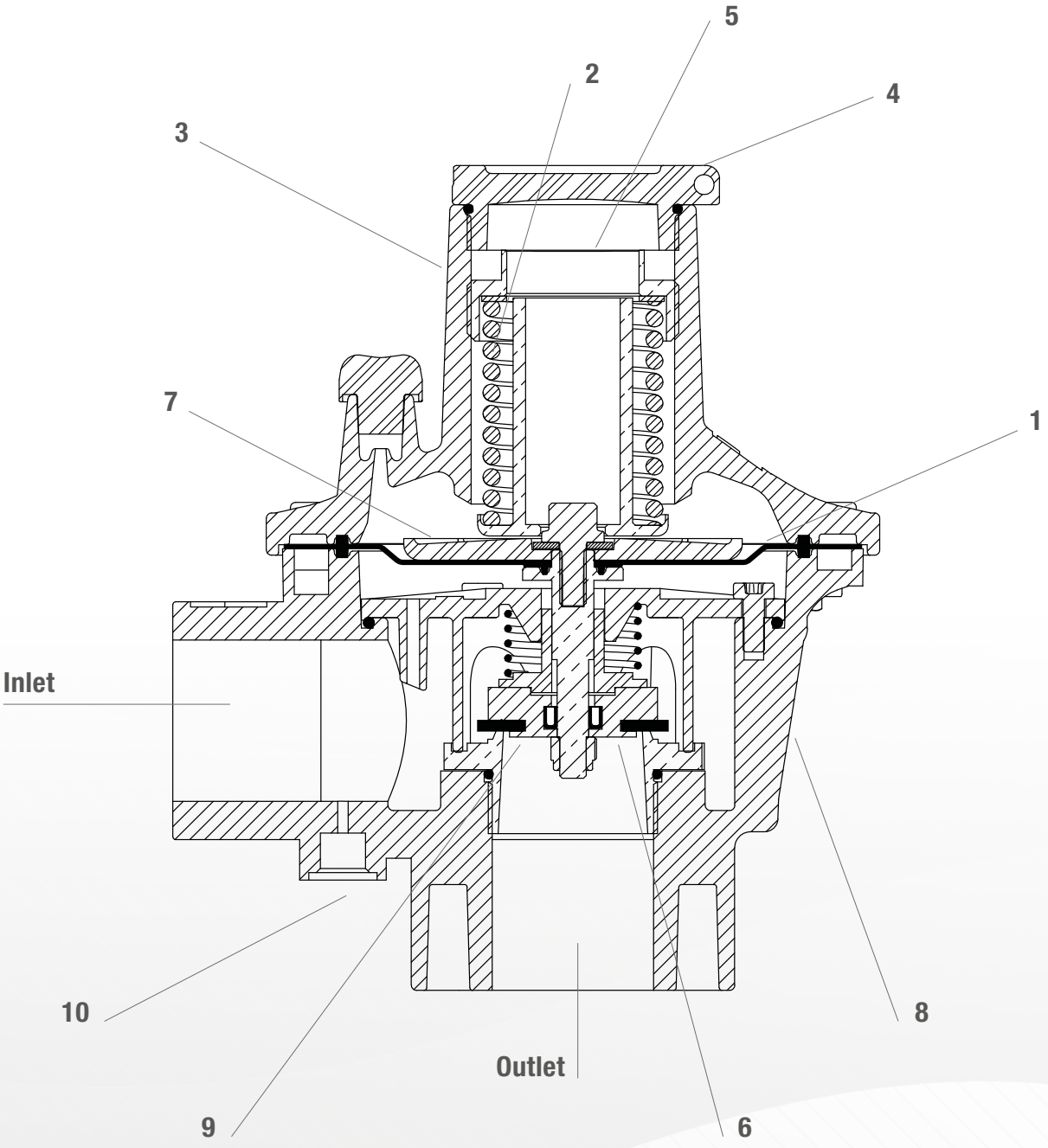
OPERATING FEATURES

Max Inlet Pressure	10 bar
Setting Range	from 45 mbar to 7 bar LP from 45mbar to 150 mbar MP from 150 mbar to 500 mbar HP from 500 mbar to 7 bar
Accuracy	up to 2,5 % - Depending on spring
Connections	1" – 1" Threaded EN10226-1
Body	Aluminum
Working Temperature	+20°C + 60°C

CODE	DESCRIPTION
	Body 1" - 1"
RV025 - LP	Relief Valve 1" - 1" – Pmax 10 bar - LP Version – Outlet range 45 mbar – 150 mbar
RV025 - MP	Relief Valve 1" - 1" – Pmax 10 bar - MP Version – Outlet range 150 mbar – 500 mbar
RV025 - HP	Relief Valve 1" - 1" – Pmax 10 bar - HP Version – Outlet range 500 mbar – 7bar

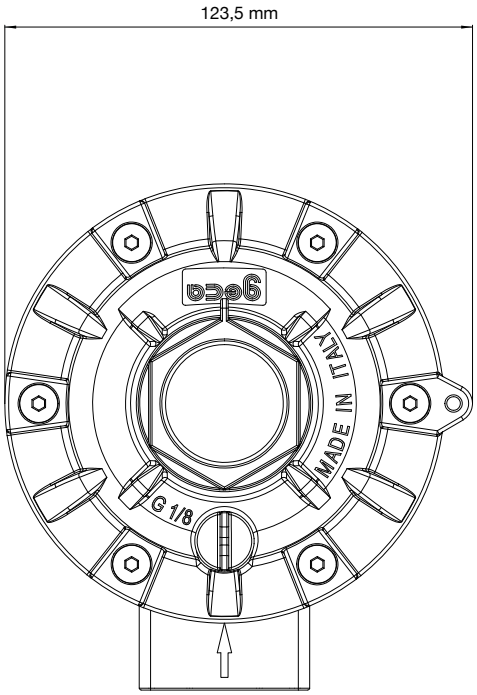
CODE	COLOR	RANGE (mbar)	TYPE OF PRODUCT
		OUTLET	
SPLB-RV-LP	**Light blue**	45 - 65	LP
SPW-RV-LP	**White**	65 - 100	LP
SPBK-RV-LP	**Black**	100 - 150	LP
SPY-RV-MP	**Yellow**	150 - 300	MP
SPB-RV-MP	**Blue**	300 - 500	MP
SPBR-RV-HP	**Brown**	500 - 820	HP
SPR-RV-HP	**Red**	820 - 2300	HP
SPG-RV-HP	**Green**	2300 - 5000	HP
SPN-RV-HP	**Netrual**	5000 - 7000	HP

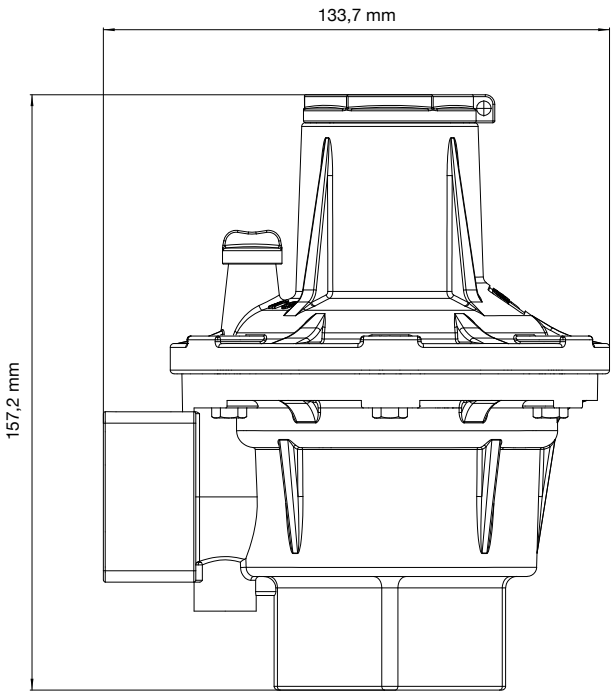
TECHNICAL DRAWING

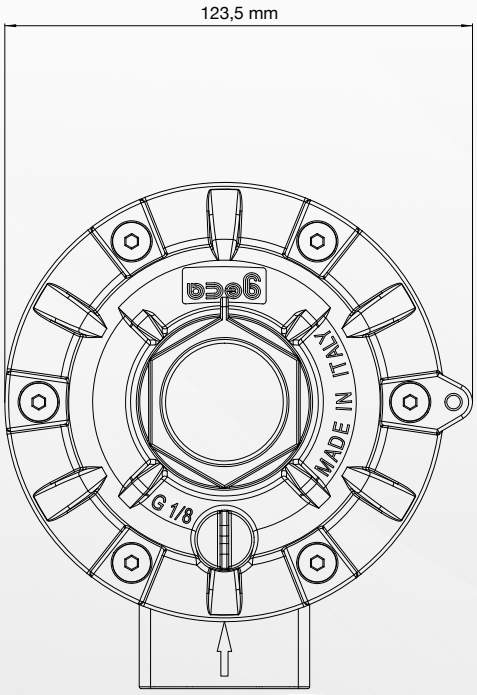


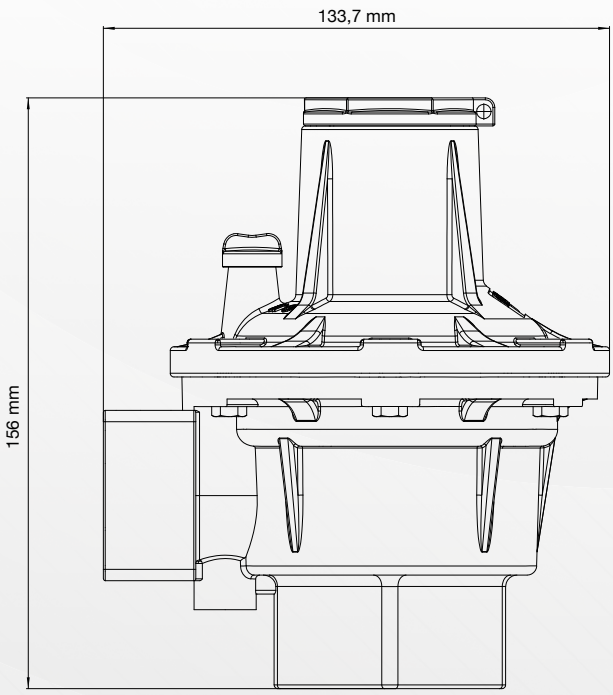
1. Diaphragm
2. Spring
3. Cover
4. Cap
5. Adjustment ring nut
6. Seat
7. Diaphragm protection disc
8. Body
9. Plug
10. Test Point

Relief Valve RV









cod. 8083006 05/25



Our policy of continuous product improvement, the features and data shown are subject to change without notice. The images of the products and accessories are only indicative. Graphic colors of the products may differ from reality.

CPF GROUP®

GECA S.r.l.
Via E. Fermi, 98 | 25064 Gussago (BS) | ITALY
Tel. +39 030 3730218
Fax +39 030 3730228
E-mail: info@gecasrl.it
gecasrl.it

Tecnocontrol S.r.l.
Via Miglioli, 47 | 20054 Segrate (MI) | ITALY
Tel. +39 02 26922890
Fax +39 02 2133734
E-mail: info@tecnocontrol.it
tecnocontrol.it