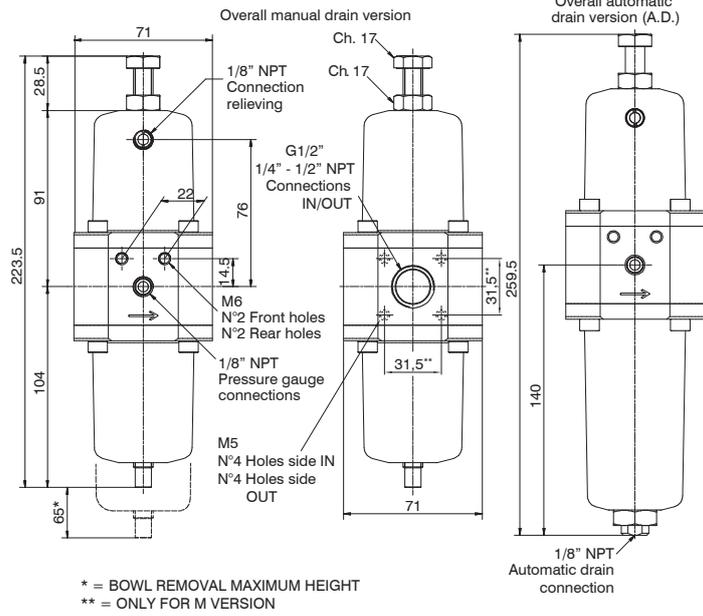


Filter regulators



Ordering code	
SV173CESG10	
VERSION	
S	Standard surface finishing
F	Clean profile
M	Modular assembly version
CONNECTIONS	
A	1/4" NPT
B	1/2" NPT
D	G1/2"
FILTER PORE SIZE	
A	5 µm - 316 stainless steel
B	20 µm - 316 stainless steel
C	50 µm - 316 stainless steel
D	5 µm - HDPE
E	20 µm - HDPE
F	50 µm - HDPE
PRESSURE RANGE	
A	0-2 bar
B	0-4 bar
C	0-8 bar
D	0-12 bar
TYPE	
I	Standard*
N	Without relieving
OPTIONS	
	Standard*
L	Low temperature
Z	Low temperature (-60 °C)
H	High temperature
S	Automatic drain
SR	Reduced orifice automatic drain
EF	EPDM-FDA
* no additional letter required	

Construction characteristics

- Body, adjust. mechanism, AISI 316L stainless steel and caseback intern. components
- AISI 316 stainless steel adjustment springs.
- Fixing screws, adjustment screws and locknut in A4 (AISI 316) stainless steel.
- Filter-pressure regulator diaphragm with over-pressure drain (Relieving).
- Low hysteresis rolling diaphragm.
- Balanced system.
- Manual or automatic condensed drain.

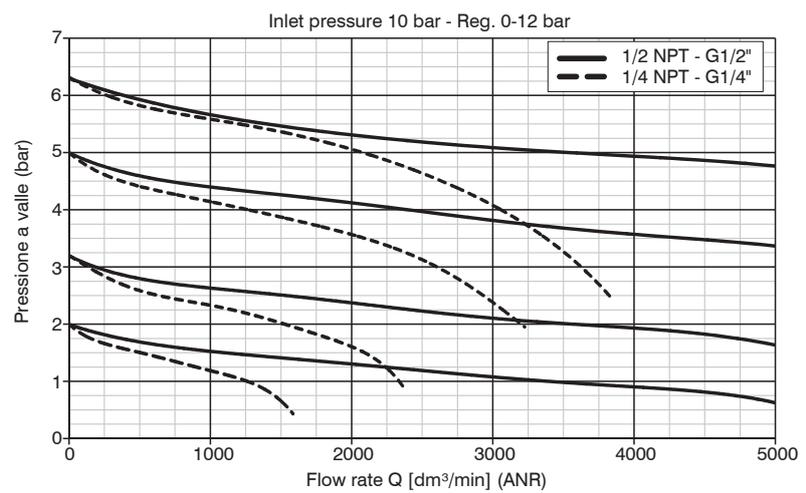
Technical characteristics

Maximum inlet pressure (standard version)	20 bar
Maximum inlet pressure (automatic drain version)	16 bar
Maximum inlet pressure (reduced orifice automatic drain version)	10 bar
Temperature (standard version)	-30°C +80°C
Temperature (low temperature version)	-50°C +80°C
Temperature (low temperature version -60°C)	-60°C +80°C
Temperature (high temperature version)	-5°C +150°C
Temperature (automatic and reduced orifice drain version)	-5°C +70°C
Temperature (EPDM-FDA version)	-40°C +100°C
Pressure gauge connections	1/8" NPT
Weight	2110 (gr.)
Bowl capacity	25 cm ³
Assembly position	Vertical

Note

The pressure must be always regulating while increasing. For a more precise regulation and higher sensibility, the use of a regulator with a pressure range as close as possible to the regulated pressure is recommended.

Flow rate chart



Pressure regulator Stainless steel line have been designed to withstand a **60 Bar** maximum inlet pressure.
Maximum regulated outlet pressure is 20 Bar.
For performance details please refer to diagram alongside.

