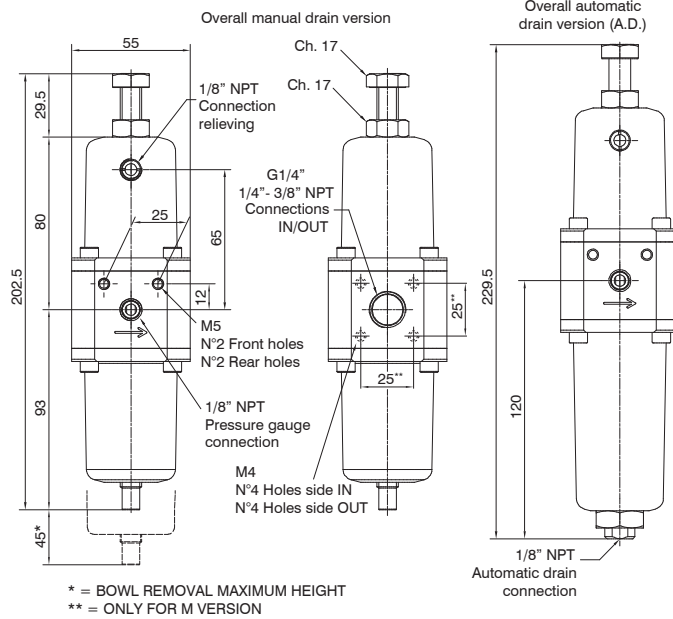


Filter regulators



* = BOWL REMOVAL MAXIMUM HEIGHT
** = ONLY FOR M VERSION

| Ordering code | |
|---------------------------------|---------------------------------|
| SV1720ESG10 | |
| VERSION | |
| S | Standard surface finishing |
| V | Clean profile |
| M | Modular assembly version |
| CONNECTIONS | |
| A | 1/4" NPT |
| C | 3/8" NPT |
| C | G1/4" |
| FILTER PORE SIZE | |
| A | 5 µm - 316 stainless steel |
| B | 20 µm - 316 stainless steel |
| S | 50 µm - 316 stainless steel |
| D | 5 µm - HDPE |
| E | 20 µm - HDPE |
| F | 50 µm - HDPE |
| PRESSURE RANGE | |
| A | 0-2 bar |
| G | 0-4 bar |
| C | 0-8 bar |
| D | 0-12 bar |
| TYPE | |
| T | 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 inter. 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.

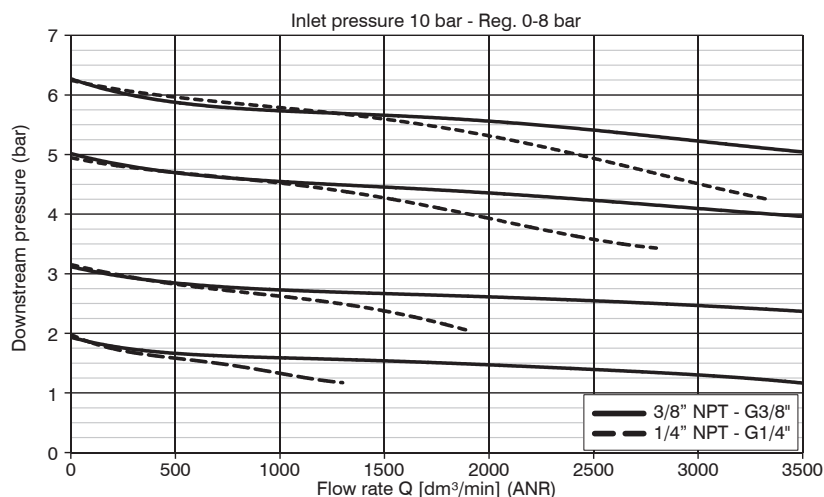
Technical characteristics

| | |
|--|--------------------|
| 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 | 1470 (gr.) |
| Bowl capacity | 15 cm ³ |
| Assembly position | Vertical |

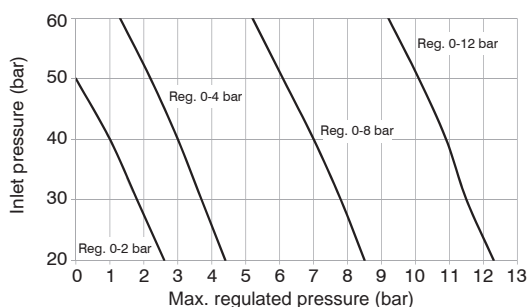
Note

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.

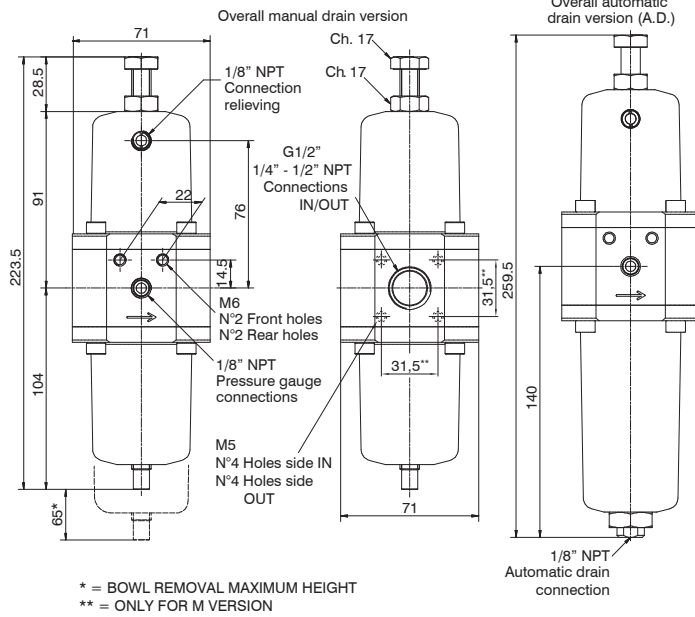
Flow rate chart



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.



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.

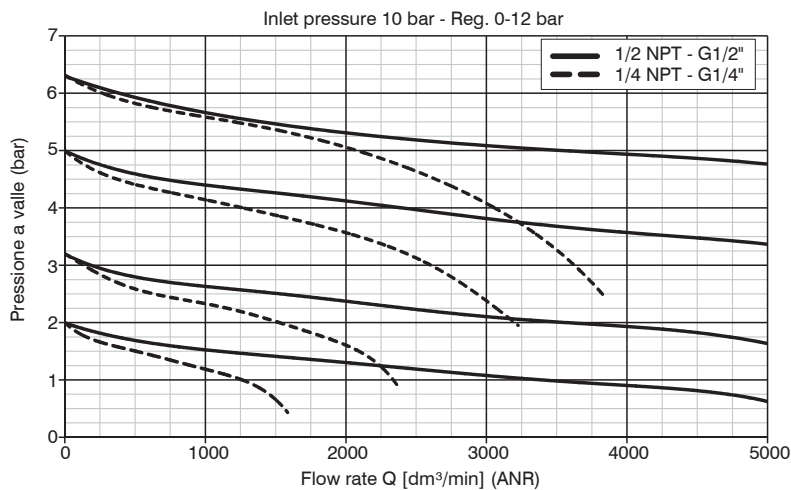
Note

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.

Technical characteristics

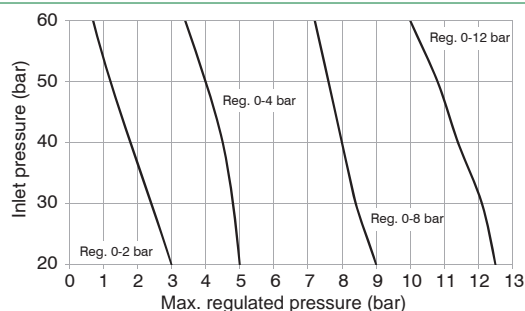
| | |
|--|--------------------|
| Maximum inlet pressure (standard version) | 20 bar |
| Maximum inlet pressure (automatic drain version) | 16 bar |
| Maximum inlet pressure (reduced orifice automatic drain version) | 10 bar |
| Temperature (standard version) | -30°C +80°C |
| Temperature (low temperature 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 |

Flow rate chart

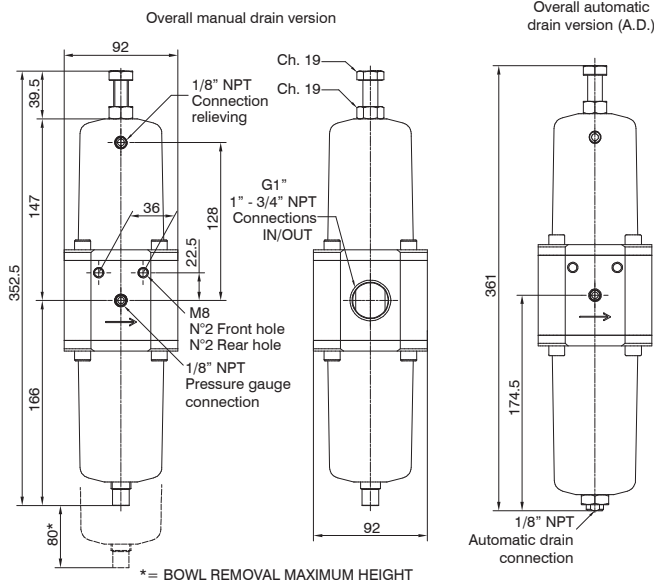


Pressure regulator Stainless steel line have been designed to withstand a **60 Bar** maximum inlet pressure.

Maximum regulated outlet pressure is 20 Bar. For performance details please refer to diagram alongside.



Filter regulators



| Ordering code | |
|---------------------------------|--------------------------------------|
| SV174CESGT0 | |
| VERSION | |
| V | S = Standard surface finishing |
| | F = Clean profile |
| CONNECTIONS | |
| C | A = 3/4" NPT |
| | B = 1" NPT |
| | D = G1" |
| FILTER PORE SIZE | |
| | A = 5 µm - 316 stainless steel |
| | B = 20 µm - 316 stainless steel |
| S | C = 50 µm - 316 stainless steel |
| | D = 5 µm - HDPE |
| | E = 20 µm - HDPE |
| | F = 50 µm - HDPE |
| PRESSURE RANGE | |
| G | A = 0-2 bar |
| | B = 0-4 bar |
| | C = 0-7 bar |
| | D = 0-10 bar |
| TYPE | |
| T | = Standard* |
| | N = Without relieving |
| OPTIONS | |
| | = Standard* |
| | L = Low temperature |
| | Z = Low temperature (-60 °C) |
| O | H = High temperature |
| | S = Automatic drain |
| | SR = Reduced orifice automatic drain |
| | EF = EPDM-FDA |
| * no additional letter required | |

2 AIR SERVICE UNITS

Construction characteristics

- Body, adjust. mechanism, AISI 316L stainless steel and caseback inter. 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.

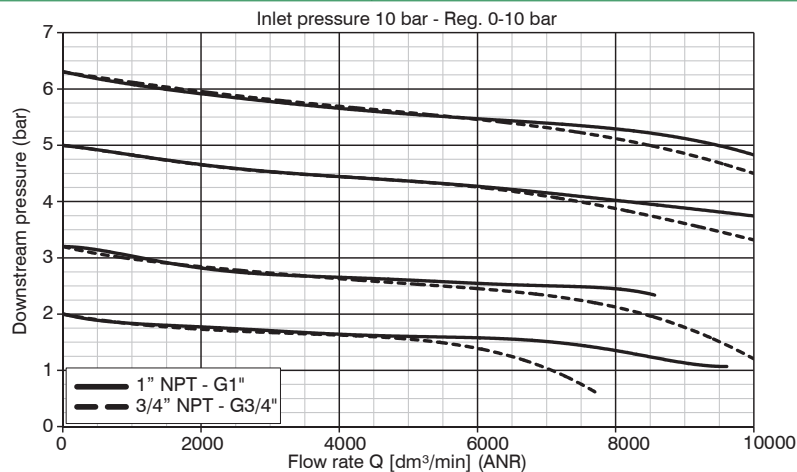
Technical characteristics

| | |
|--|--------------------|
| 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 3/4" NPT - G3/4" | 6300 (gr.) |
| Weight 1" NPT - G1" | 6200 (gr.) |
| Bowl capacity | 78 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.

