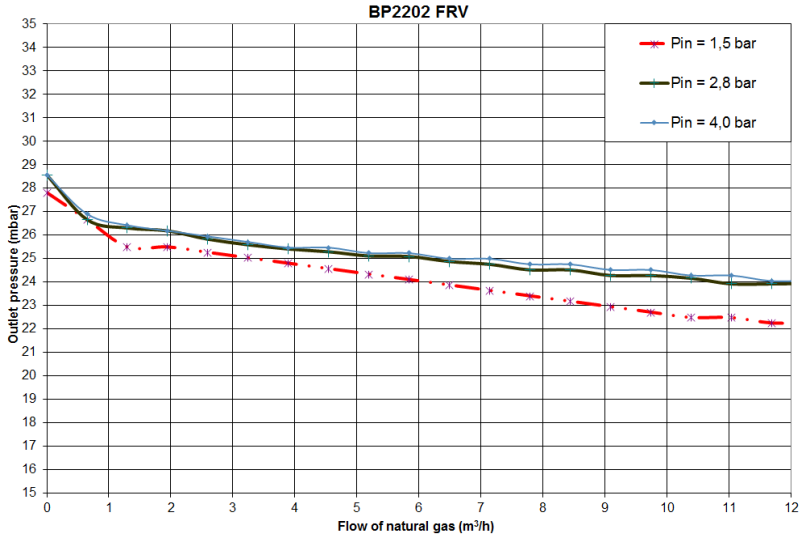
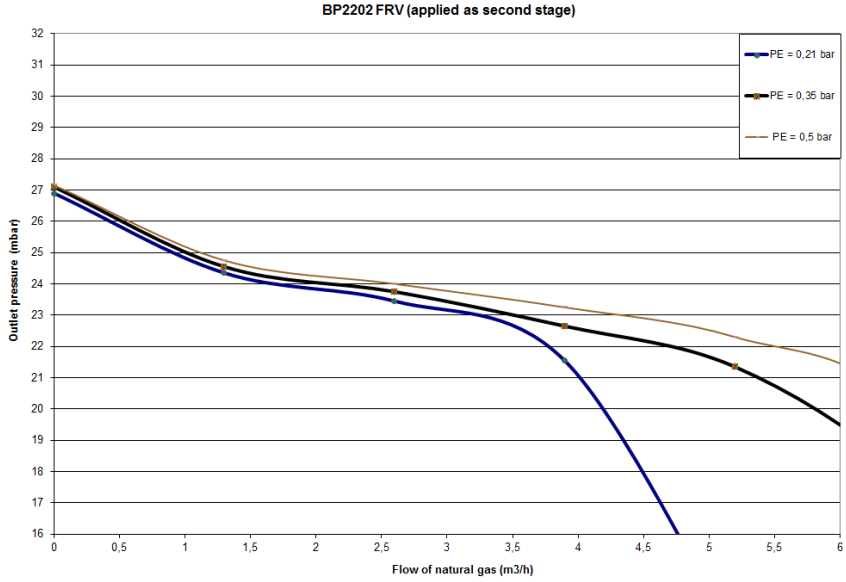
Single stage pressure regulator for natural gas with 12 m^3/h of nominal flow considering 0,6 (air = 1) density. Including full relief valve according to NTC3727.





Material:

Body and cover made in aluminum die cast (UNI5076 – DIN 1725/2), or Zamac; seat disc and diaphragm made in nitrilic rubber (NBR); internal components made in steel, aluminum and plastic.

General comments:

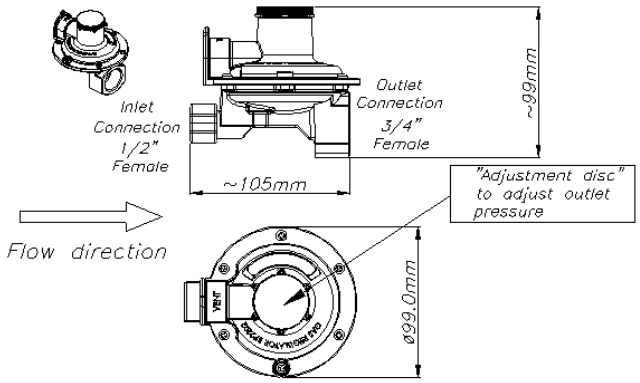
1. For a better performance is recommended to apply a filter inlet the regulator;

<u>"Warning"</u> – Dirties can damage the regulator's seat;

2. Clean the pipe before install the regulator;
3. Is recommended to install this regulator outdoor;
4. The outlet pressure can be adjusted by the adjustment disc (removing the plastic cap);
5. For a good connection sealing, use a correct product and correct quantity;
6. Don't put in the connections torque over the standard limits;
7. **This regulator model can be applied as a second stage, as consequence the flow rate will be lower than as first stage due the low Δp (P1-P2).**

Features	BP 2202 - 12 m³/h (CB57819)
Working temperature	-20º C to +60º C
Minimum inlet pressure	1,38 barg (19,6 psi)
Maximum inlet pressure	4,14 barg (58,8 psi)
Set Point	Inlet pressure = 2,8 barg
	Outlet pressure = 21 mbarg
	Air flow = 9,2 m3/h
Lock up pressure	≤ 29 mbarg
Spring adjusting range	18 to 23 mbarg
Relief Valve	Opening pressure ≤ 63 mbarg
	Closure pressure ≥ 35,7 mbarg
Vent	Maximum inlet pressure = 4,14 barg Maximum outlet pressure = 140 mbar Protection net against bugs – mesh from 16 to 20
Injector diameter	3,2 ± 0,2 mm
Nominal flow	12 m3/h of NG (Inlet = 1,38 barg) – SC
Maximum flow	13,2 m3/h of NG (Inlet = 1,38 barg) – SC
Minimum flow	1,8 m3/h of NG (Inlet = 4,14 barg) – SC
Maximum flow (3) when applied as second stage	***6 m3/h of NG (inlet pressure = 0,35 barg) - SC***
Maximum level of noise	60 dB
Inlet connection	1/2" NPT female
Outlet connection	3/4" NPT female
Surface finishing	Body and cover painted

BP2202 FV



Notes:
FV – Full Vent (full relief valve);
SC – Standard Conditions (@ 15,5ºC and 1 Atm);
NG – Natural Gas.
Pressure units (international system): 1 bar = 1,02 Kgf/cm² 1 Kgf/cm² ≅ 98 kPa ≅ 14,2 psi (lb/pol²)