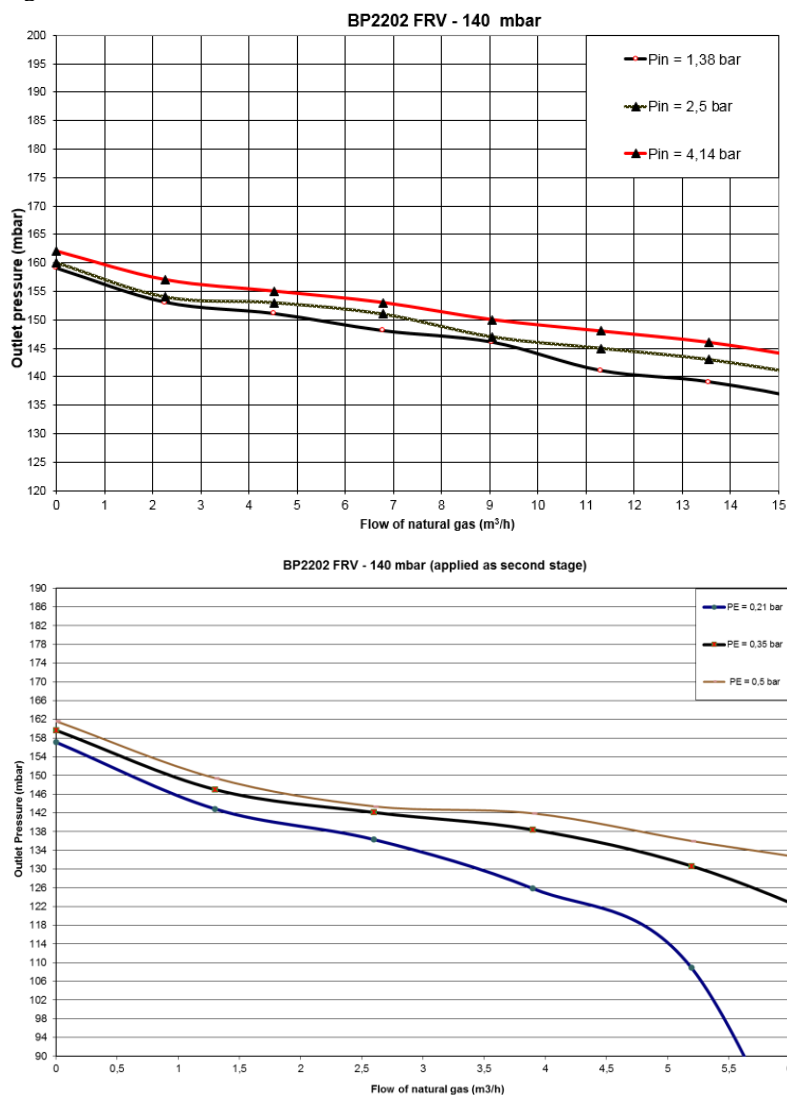
	Data Sheet	Revision: 1.6
	Low pressure regulator BP2202 140 mbar - Full relief valve - adjustable model	
	Code: CB57818 – Clesse	Page: 1 de 2

First stage pressure regulator for natural gas with 15 m³/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 – D IN 1725/2), or Zamac; seat disc and diaphragm made in nitrilic rubber (NBR); internal components made in steel, aluminum/zamac, brass and plastic.

General comments:

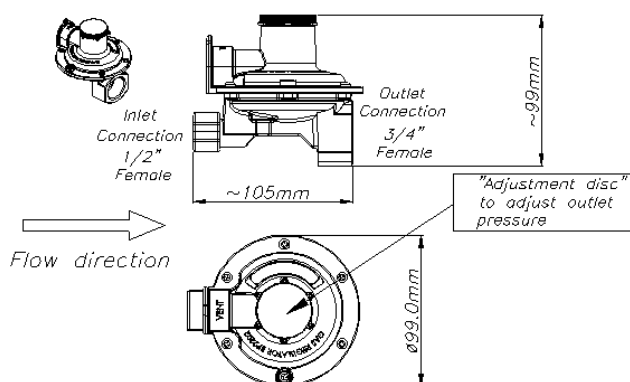
- For a better performance is recommended to apply a filter inlet the regulator;
- “Warning” – Dirties can damage the regulator’s seat;**
- Clean the pipe before install the regulator;
- Is recommended to install this regulator outdoor;
- The outlet pressure can be adjusted by the adjustment disc (removing the plastic cap);
- For a good connection sealing, use a correct product and correct quantity;
- Don’t put in the connections torque over the standard limits;
- 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).**



	Data Sheet	Revision: 1.6
	Low pressure regulator BP2202 140 mbar - Full relief valve - adjustable model	
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Features	BP 2202 - 15 m ³ /h (CB57818)
Working temperature	-20° C to +60° C
Minimum inlet pressure	1,38 barg (19,9 psi)
Maximum inlet pressure	4,14 barg (58,8 psi)
Set Point	Inlet pressure = 2,8 barg
	Outlet pressure = 140 mbar
	Air flow = 11,5 m ³ /h
Lock up pressure	≤ 196 mbar
Spring adjusting range	100 to 140 mbar
Relief Valve	Opening pressure ≤ 420 mbar
	Closure pressure ≥ 238 mbar
Vent	Maximum inlet pressure = 4,14 barg
	Maximum outlet pressure = 450 mbar
Injector diameter	3,9 ± 0,2 mm
Nominal flow	15 m ³ /h of NG (inlet pressure = 1,38 barg) - SC
Maximum flow (1)	16,5 m ³ /h of NG (inlet pressure = 1,38 barg) - SC
Maximum flow (2)	20 m³/h of NG (inlet pressure = 4,14 barg) - SC
Maximum flow (3) when applied as second stage	6 m³/h of NG (inlet pressure = 0,35 barg) - SC
Minimum flow	2,25 m ³ /h of NG (inlet pressure = 4,14 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 (@ 15,5°C 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)

