

## PRESSURE REGULATORS FOR NON-CORROSIVE GASES

In-line high-pressure regulators

### LHPI 600L

#### HIGH PURITY AND HIGH PRESSURE - SINGLE STAGE BARSTOCK LINE REGULATOR

The Model LHPI 600L is a single stage high pressure line regulator that is designed to deliver high outlet pressures when used on high pressure cylinders up to 300 bar (4350 psig). Regulator is available in chrome plated brass (LHPI 600LC) or stainless steel (LHPI 600LS) barstock for pressure control of non-corrosive gases.

#### APPLICATIONS:

- Non-corrosive high pressure gas applications;
- High pressure testing;
- Charging accumulators;
- Pressurizing aircraft struts.

#### FEATURES:

- Recommended for non-corrosive gases purity levels up to grade 6.0 (99.9999);
- Metal steel diaphragm eliminates contamination from diffusion or outgassing;
- LHPI 600LC - chrome plated body, bonnet and fittings;
- LHPI 600LS - 316L stainless steel body, bonnet and fittings;
- $1 \times 10^{-9}$  mbar l/s He inboard helium leak rate to maintain gas purity levels
- 4 ports flexible configuration, one high pressure and three low pressure
- The 1/8" NPT thread on the bonnet venting for safety in 316L SS version
- Maximum inlet pressure 300 bar (4350 psig)
- Tested for use with oxygen.



#### MATERIALS

Body, bonnet	316L stainless steel barstock or chrome plated brass barstock
Diaphragm	Hastelloy® * C276
Nozzle	316L stainless steel
Seat	PEEK
Seals O-ring	Viton® ** (FKM)
Filter	SS 316L
Adjusting Knob	ABS plastic

\*Hastelloy® is a registered trademark name of Haynes International, Inc

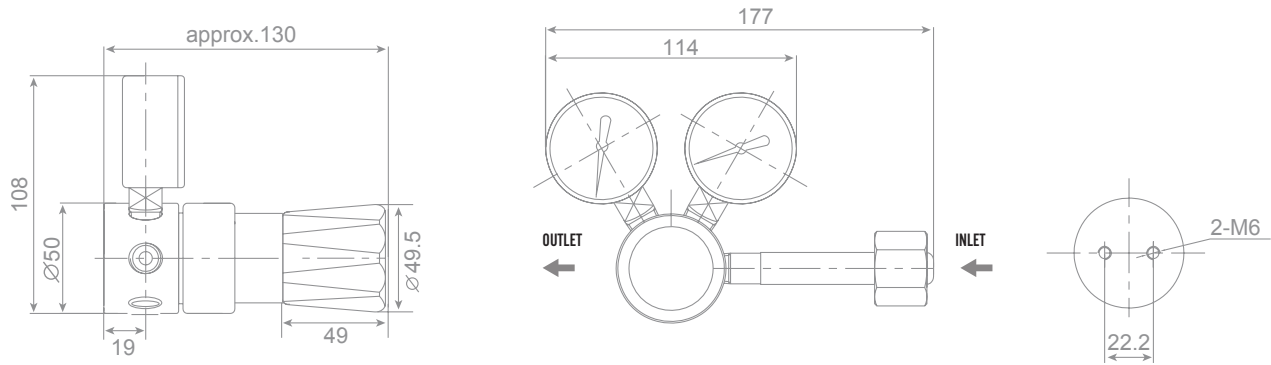
\*\* Viton® is a registered trademark of The Chemours Company

#### TECHNICAL DATA

Type	Single-stage
Purity	Up to 6.0
Inlet pressure	Max. 300 bar (4350 psi)
Outlet pressure	50/100/200 bar (720/1450/2900 psi)
Flow capacity	Cv = 0,15
Oxygen use	Suitable

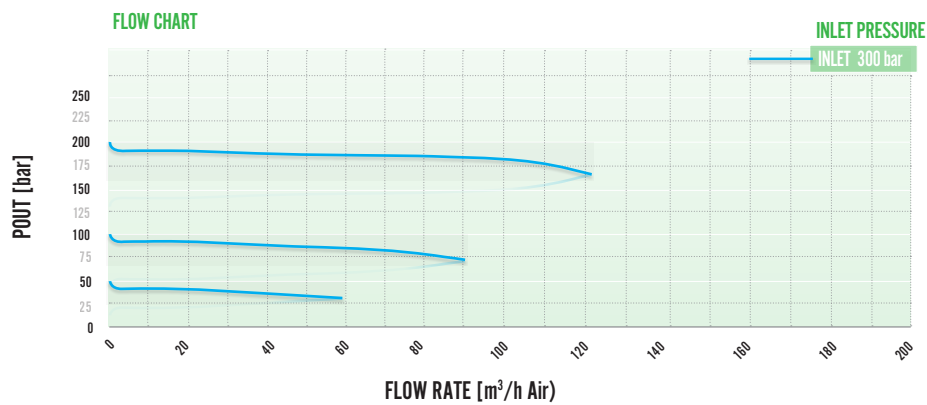
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## Line regulators



### SPECIFICATION

Inlet / outlet ports	1/4" NPT-F
Weight	1,13 kg
Temperature range	-30°C to +74°C



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PURE GASES