

Panel & Line Regulators / Leitungs- & Paneldruckminderer

VSR-3L & VSR-3LP Series

Product Features

- Line and Panel mounting pressure regulator
- Brass chrome plated body for inert, reactive, flammable and oxidizing gas and mixtures up to grade 6.0
- Stainless steel 316L body for corrosive gases
- 4 ports flexible configuration
- Stable outlet pressure
- Simple outlet pressure limitation by handwheel
- Inlet filter
- Tested for use with oxygen



Typical Applications

- Component Testing
- Calibration Systems
- Laboratory Pressure Control
- High Pressure Sampling Systems
- Service & Test Equipment

VSR-3L

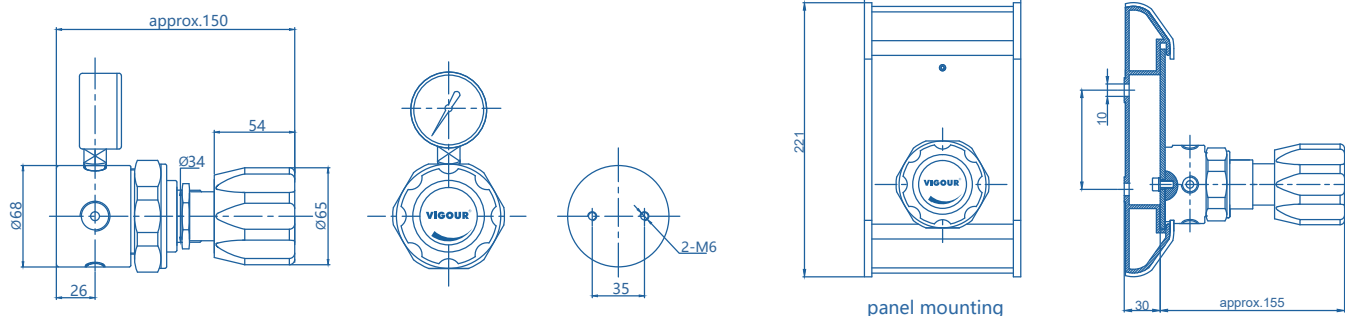


VSR-3LP



Mounting panel
Model No.: VSR-T-BPB

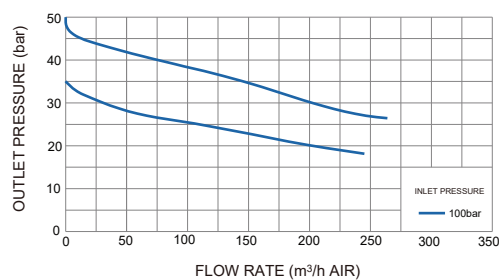
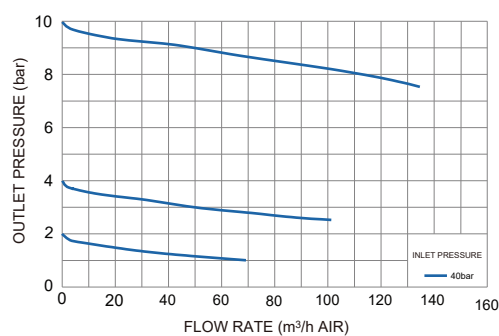
Dimensions (mm)



Technical Data

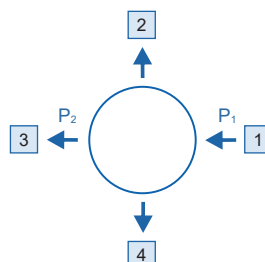
Type:	single-stage
Inlet pressure P ₁ :	max. 100 bar
Outlet pressure P ₂ :	2/4/10/20/35/50 bar
Materials	
Body regulator	see ordering info
Valve seat:	PCTFE
Diaphragm:	Hastelloy® C276
O-ring: (option)	Viton® (FKM) Kalrez® (FFKM)
Filter:	SS 316L
Inlets and Outlets:	see ordering info
Temperature range:	-30°C to +74°C
Leak rate (to atmosphere) (via seat)	1x10 ⁻⁸ mbar l/s He 1x10 ⁻⁶ mbar l/s He
Flow capacity:	C _v =1.7
Weight:	2.8 kg

Flow Chart



Leitungs- & Paneldruckminderer / Panel & Line Regulators VSR-3L & VSR-3LP Series

Ordering Information



Inlets / Outlets

F4: 1/4"NPT(F)	TW12M: 12mm Weld tube
F6: 3/8"NPT(F)	TW20M: 20mm Weld tube
F8: 1/2"NPT(F)	P: Gauge(Psig/bar)
F12: 3/4"NPT(F)	B: Plug

* Other connection standard, consult factory.

Port Selection

VSR - 3L S - 100 - 20 - 1 - 2 - 3 - 4 - N₂

Type

L: Line
LP: Panel

Body Material

S: 316L
C: Chrome Plated Brass

Inlet Pressure P₁

40: 40 bar
100: 100 bar

Type of Gas

Please specify type of gas

Outlet Pressure P₂

2: to 2 bar
4: to 4 bar
10: to 10 bar
20: to 20 bar
35: to 35 bar
50: to 50 bar

Ordering Example

Example: VSR - 3L S - 100 - 4 - F8 - P - F8 - B - O₂

1 - 2 - 3 - 4

