

Line Regulators / Leitungsdruckminderer

VSR-12L & 12HL Series

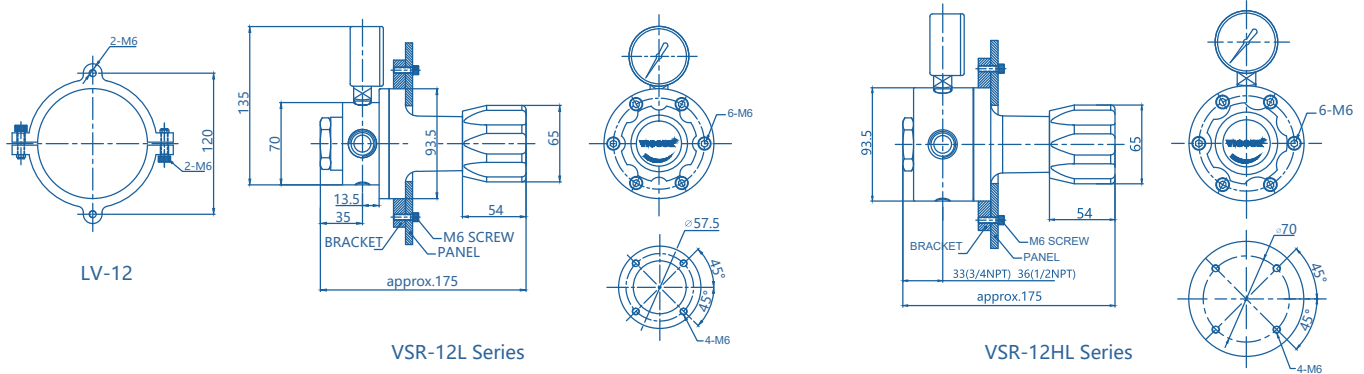
Product Features

- Low pressure, high flow regulator
- Brass chrome plated body for inert, reactive, flammable and oxidizing gas and mixtures up to grade 6.0
- Stainless steel 316L body for pharmaceutical, food, and beverage application
- 4 ports flexible configuration
- Stable outlet pressure
- Tested for use with oxygen
- Large seat and diaphragm areas provide high capacity with sensitive control of delivery pressure with low falloff

Typical Applications

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

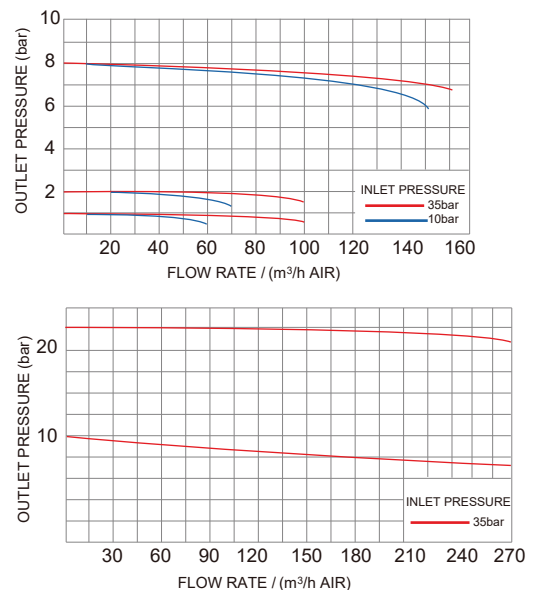
Dimensions (mm)



Technical Data

Type:	single-stage
Inlet pressure P ₁ :	Max 35 bar
Outlet pressure P ₂ :	1/2/8/10/20 bar
Materials	
Body regulator	see ordering info
Seat:	EPDM(Viton® option)
Diaphragm:	PTFE+Buna-N
Inlets and Outlets:	see ordering info
Temperature range:	-15°C to +74°C
Leak rate	Bubble-tight
Weight:	approx. 2.5kg / 3.7kg

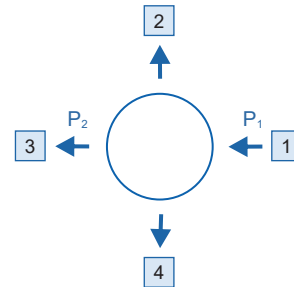
Flow Chart



Leitungsdruckminderer / Line Regulators

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Ordering Information



Inlets / Outlets

F4: 1/4" NPT(F)
F8: 1/2" NPT(F)
F12: 3/4" NPT(F) (only for VSR-12HL series)
12: 3/4" Tube fitting

16: 1" Tube fitting
TW20M: 20mm Weld tube
P: Gauge(Psig/bar)
B: Plug

* Other connection standard, consult factory.

Port Selection

VSR - 12L S - 35 - 20 - 1 - 2 - 3 - 4 - E - N₂

Series

L: L series
HL: HL series

Body Material

S: 316L
C: Chrome Plated Brass

Inlet Pressure P₁

35: 35 bar

Outlet Pressure P₂

1: to 1 bar
2: to 2 bar
8: to 8 bar
10: to 10 bar
20: to 20 bar

Type of Gas

Please specify type of gas

Seat Diaphragm

V: Viton
E: EPDM(standard)

Ordering Example

Example: VSR - 12L S - 35 - 10 - F8 - P - F8 - B - O₂

1 - 2 - 3 - 4



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