

Cylinder Pressure Regulators / Flaschendruckminderer

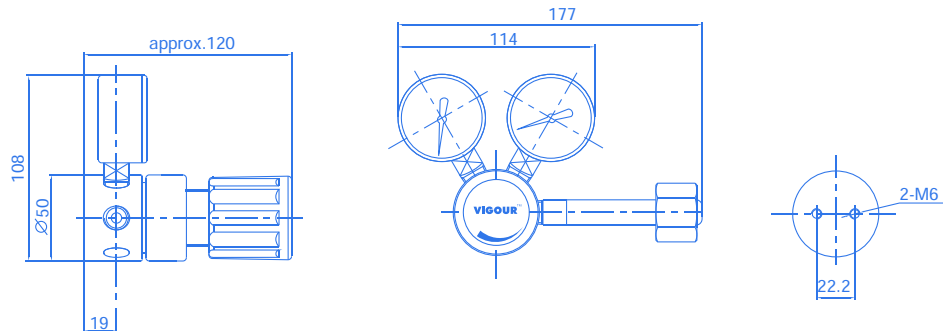
VSR-6 Series

Product Features

- Piston type high pressure regulator
- Brass chromed plated body and bonnet for non-corrosive gases and mixture up to grade 6.0
- 6 ports flexible configuration
- Stable outlet pressure
- Simple outlet pressure limitation by handwheel
- Inlet filter
- Tested for use with oxygen



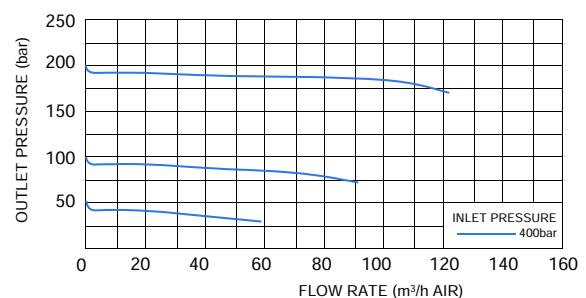
Schematic Drawing



Technical Data

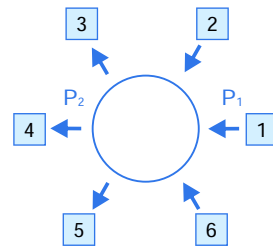
Type:	single-stage
Inlet pressure P ₁ :	max. 400bar
Outlet pressure P ₂ :	50/100/200 bar
Materials	
Body regulator, relief valve:	see ordering info
Valve seat:	PCTFE
Piston:	SS316L
O-ring:	Viton® (FKM)
(option)	Kalrez® (FFKM)
Filter:	SS 316L
Inlets and Outlets:	1/4" NPT(F)
Temperature range:	-30°C to +74°C
Leak rate (to atmosphere)	1x10 ⁻⁸ mbar l/s He
(via seat)	1x10 ⁻⁶ mbar l/s He
Flow capacity:	C _v =0.06
Weight:	1.13 kg

Flow Chart



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Ordering Information



Inlets / Outlets

DIN: Germany
CGA: USA
BSP: British
GB: China
UNI: Italy

NF: French
JIS: Japan
00: 1/4"NPT(F)
01: 1/4"NPT(M)
10: 1/8" Tube fitting

11: 1/4" Tube fitting
12: 3/8" Tube fitting
15: 6mm Tube fitting
16: 8mm Tube fitting
65: 6mm Weld tube

66: 8mm Weld tube
P: Gauge(Psig/bar)
B: Plug

* Other connection standard, refer to pg.67,68 or consult factory.

Port Selection

VSR - 6S - 300 - 100 - 1 - 2 - 3 - 4 - 5 - 6 - N2

Body Material

S: 316L
C: Chromed Plated Brass
B: Brass

Inlet Pressure P₁

300: 300 bar
400: 400 bar

Outlet Pressure P₂

50: to 50 bar
100: to 100 bar
200: to 200 bar

Type of Gas

Please specify type of gas

Ordering Example

Example: VSR - 6C - 300 - 100 - CGA - P - P - 00 - B - B - O₂

1 - 2 - 3 - 4 - 5 - 6



* For mixed gases, please specify cylinder connection standard and thread when ordering.