

Manifold Pressure Regulators / Flaschendruckminderer

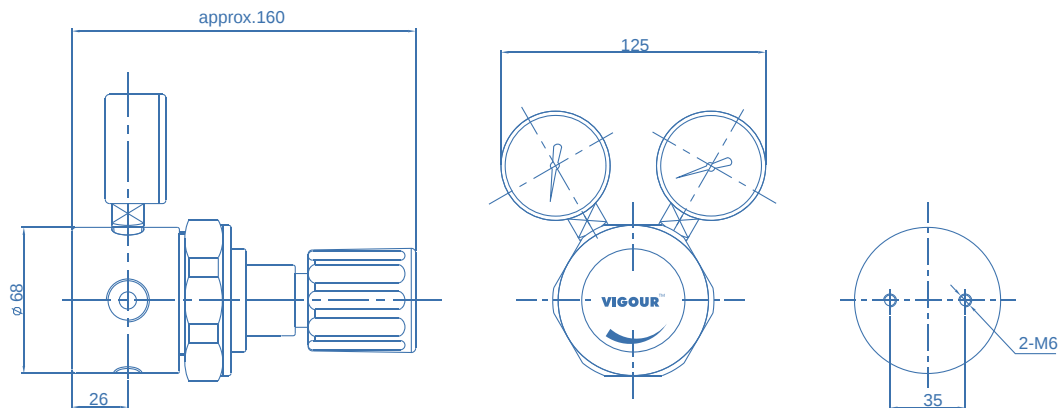
VSR-3 Series

Product Features

- Pressure regulator; special design for manifold application
- Brass chromed plated body for non-corrosive gases and mixture up to grade 6.0
- Stainless steel 316L body for corrosive and toxic gases
- 6 ports flexible configuration
- Stable outlet pressure
- Simple outlet pressure limitation by handwheel
- Inlet filter
- Tested for use with oxygen



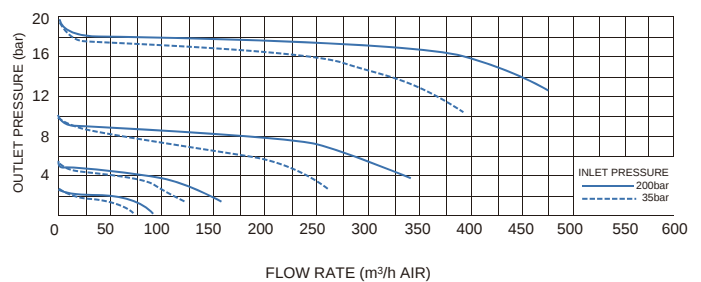
Schematic Drawing



Technical Data

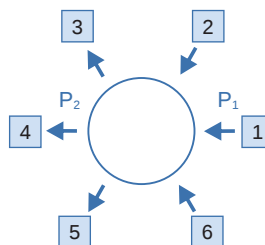
Type:	single-stage
Inlet pressure P ₁ :	max. 300bar
Outlet pressure P ₂ :	2/4/10/20bar
Materials	
Body regulator, relief valve:	see ordering info
Valve seat:	PCTFE
Diaphragm:	Hastelloy® C276
Filter:	SS 316L
O-ring: (option)	Viton® (FKM) Kalrez® (FFKM)
Inlets and Outlets:	see ordering info
Temperature 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:	Cv=1.0
Weight:	2.7kg

Flow Chart



Flaschendruckminderer / Manifold Pressure Regulators VSR-3 Series

5 X J K X O T M / T L U X S G Z O U T



Inlets / Outlets

00: 1/4"NPT(F)	68: 20mm Weld tube
02: 3/8"NPT(F)	P: Gauge(Psig/bar)
04: 1/2"NPT(F)	B: Plug
06: 3/4"NPT(F)	
67: 12mm Weld tube	

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

Port Selection

VSR - 3S - 200 - 20 - 1 - 2 - 3 - 4 - 5 - 6 - N2

Body Material

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

Inlet Pressure P₁

40: 40 bar
100: 100 bar
200: 200 bar
300: 300 bar

Outlet Pressure P₂

2: to 2 bar
4: to 4 bar
10: to 10 bar
20: to 20 bar

Type of Gas

Please specify type of gas

5 X J K X O T M + ^ G S V R K

Example: VSR - 3S - 200 - 20 - 04 - P - P - 04 - B - B - N2

1 - 2 - 3 - 4 - 5 - 6



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