

### Product Features

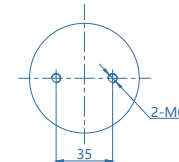
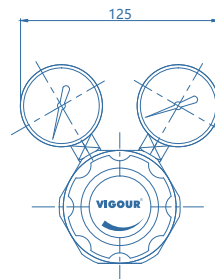
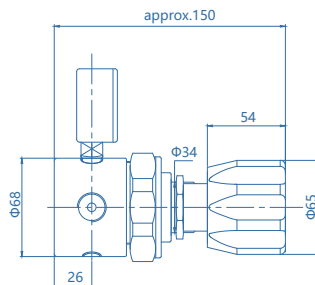
- Pressure regulator, special design for manifold application
- Brass chrome plated or aluminium body and aluminium bonnet for inert, reactive, flammable and oxidizing gas and mixtures up to grade 6.0
- Stainless steel 316L body and chromed brass bonnet for corrosive gases
- 6 ports flexible configuration
- 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

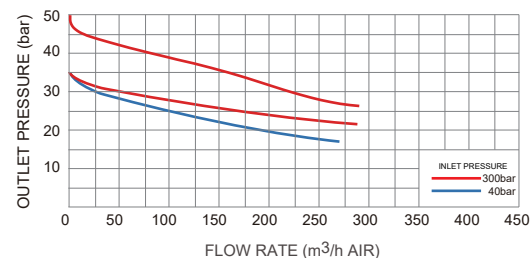
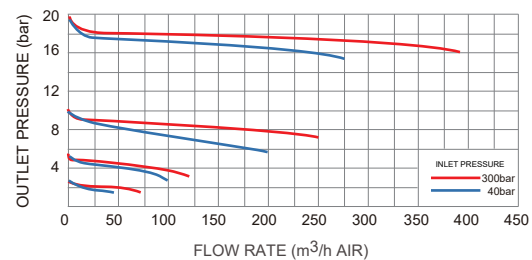
### Dimensions (mm)



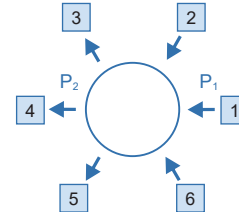
### Technical Data

Type:	single-stage
Inlet pressure P1:	max. 300 bar
Outlet pressure P2:	2/4/8/10/20/35/50 bar
Materials	
Body regulator, Relief valve:	see ordering info
Valve seat:	PCTFE
Diaphragm:	Hastelloy® C276
O-ring:	SS 316L
(option)	Viton® (FKM)
Filter:	Kalrez® (FFKM)
Inlets and Outlets:	see ordering info
Temperature range:	-30°C to +74°C
Leak rate: (to atmosphere)	1x10 <sup>-8</sup> mbar l/s He
(Via seat)	1x10 <sup>-6</sup> mbar l/s He
Flow capacity:	Cv=1.0
Weight:	2.7kg

### Flow Chart



## Ordering Information



### Inlets / Outlets

F4: 1/4" NPT(F)  
F6: 3/8" NPT(F)  
F8: 1/2" NPT(F)  
F12: 3/4" NPT(F)

08: 1/2" Tube fitting  
12: 3/4" Tube fitting  
TW12M: 12mm Weld tube  
TW20M: 20mm Weld tube

P: Gauge (Psig/bar)  
R: Relief valve  
B: Plug

\* Other connection standard, consult factory.

### Port Selection

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

#### Options

None: Standard mounting  
P: Panel mounting

#### Body Material

S: 316L  
C: Chrome Plated Brass

#### Inlet Pressure P<sub>1</sub>

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

#### Outlet Pressure P<sub>2</sub>

2: to 2 bar  
4: to 4 bar  
8: to 8 bar  
10: to 10 bar  
20: to 20 bar  
35: to 35 bar  
50: to 50 bar

#### Type of Gas

Please specify type of gas

## Ordering Example

Example: VSR - 3S - 200 - 20 - F8 - P - P - F8 - B - B - N2

1 - 2 - 3 - 4 - 5 - 6



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

