

High Pressure Regulators

VSR-36 Series

VIGOUR

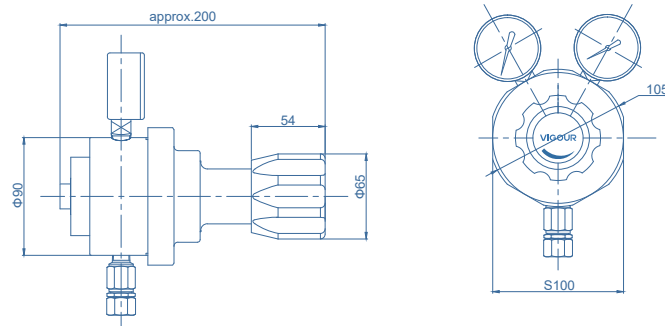
Product Features

- Pressure regulator, piston type
- Brass body for inert, reactive, flammable and oxidizing gas and mixtures up to grade 6.0
- Stainless steel 316L body for corrosive gases
- 5 Ports flexible configuration
- Stable outlet pressure
- Simple outlet pressure limitation by handwheel
- Inlet filter
- Tested for use with oxygen

Typical Applications

- Hydrogen energy resource
- Manifold Systems
- Laboratory Pressure Control
- High Pressure Sampling Systems
- Service & Test Equipment

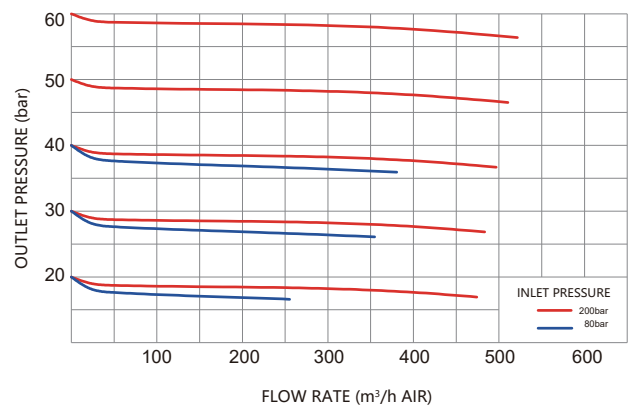
Dimensions (mm)



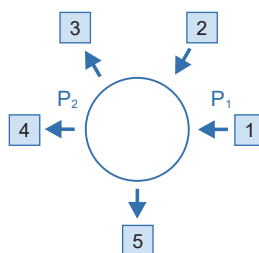
Technical Data

Type:	single-stage
Inlet pressure P1:	max. 300 bar
Outlet pressure P2:	20/40/60 bar
Materials	
Body regulator, Relief valve:	see ordering info
Valve seat:	PCTFE
O-ring:	Viton® (FKM)
Filter:	SS 316L
Inlets and Outlets:	see ordering info
Temperature range:	-30°C to +74°C
Leak rate:	Bubble-tight
Flow capacity:	Cv=2.0
Weight:	5.5kg

Flow Chart



Ordering Information



Inlets / Outlets

F4: 1/4"NPT(F) P: Gauge (Psig/bar)
F8: 1/2"NPT(F) B: Plug
F12: 3/4"NPT(F) R: Relief valve

* Other connection standard, consult factory.

Port Selection

VSR - 36S - 200 - 20 - 1 - 2 - 3 - 4 - 5 - N₂

Body Material

S: 316L
C: Chrome plated brass

Inlet Pressure P₁

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

Outlet Pressure P₂

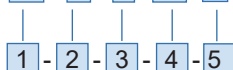
20: 10 to 20 bar
40: 20 to 40 bar
60: 40 to 60 bar

Type of Gas

Please specify type of gas

Ordering Example

Example: VSR - 36S - 200 - 20 - F8 - P - P - F8 - B - N₂



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

