

# High Pressure Self-venting Regulator / Druckminderer selbstentlüftend **VIGOUR**<sup>®</sup>

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We offer solutions regarding your ideas!

## VSR-7 Series

### Product Features

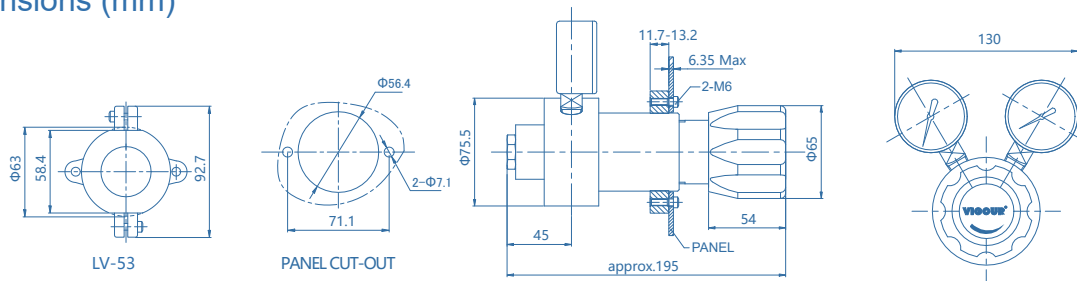
- High pressure, high flow regulator
- Brass chrome plated body and bonnet for inert, reactive, flammable and oxidizing oxidizing gas and mixtures up to grade 6.0
- Stainless steel 316L body for pharmaceutical, food and beverage application
- Simple outlet pressure limitation by handwheel
- Self-venting standard
- Stable outlet pressure
- Tested for use with oxygen

### Typical Applications

- Component Testing
- Calibration System
- Laboratory Pressure Control
- High Pressure Sampling System
- Service & Test Equipment



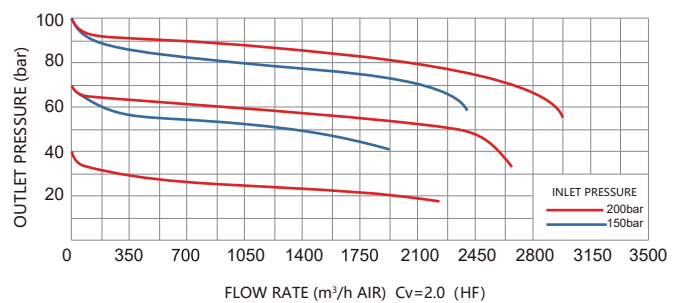
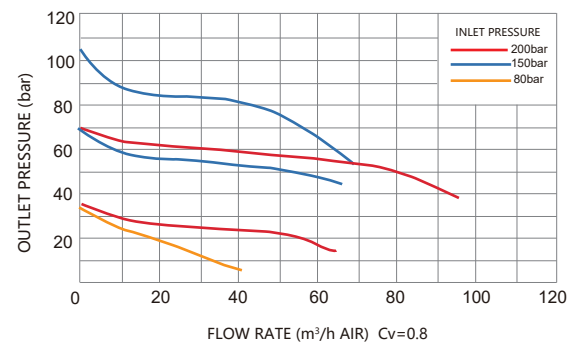
### Dimensions (mm)



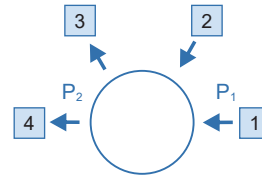
### Technical Data

Type:	single-stage
Inlet pressure P1:	max. 300 bar
Outlet pressure P2:	20/35/50/100 bar
Materials	
Body regulator:	see ordering info
Valve seat:	Teflon <sup>®</sup> (PCTFE)
Filter:	SS 316L
O-ring:	Viton <sup>®</sup> (FKM)
Back-up ring:	PTFE
Gaskets:	PCTFE
Inlets and Outlets:	1/2"NPT(F) 3/4"NPT(F)
Temperature range:	-30°C to +74°C
Leak rate:	Bubble-tight
Flow capacity:	Cv=0.8 Cv=2.0(HF)
Weight:	2.9kg

### Flow Chart



## Ordering Information



### Inlets / Outlets

- F4: 1/4 NPT(F)
- F8: 1/2"NPT(F)
- F12: 3/4"NPT(F)
- TW12M: 12mm weld tube
- TW20M: 20mm weld tube
- P: Gauge (Psig/bar)
- B: Plug

\* Other connection standard, consult factory.

### Port Selection

**VSR - 7S - 200 - 20 - 1 - 2 - 3 - 4 - N2 - HF - X**

#### 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>

- 20: to 20 bar
- 35: to 35 bar
- 50: to 50 bar
- 100: to 100 bar

#### Option

- Blank: Self-venting
- X: Non self-venting

#### Option

- Blank: Cv=0.8
- HF: Cv=2.0

#### Type Of Gas

Please specify type of gas

## Ordering Example

**Example: VSR - 7S - 300 - 50 - F8 - P - P - F8 - N2**

1 - 2 - 3 - 4

