

Dual Stage Regulators / Zweistufige Druckminderer

VSR-11E Series

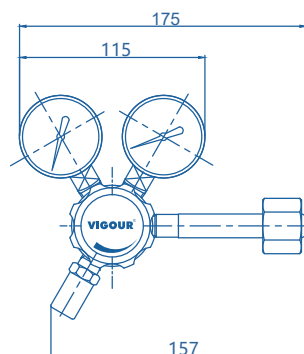
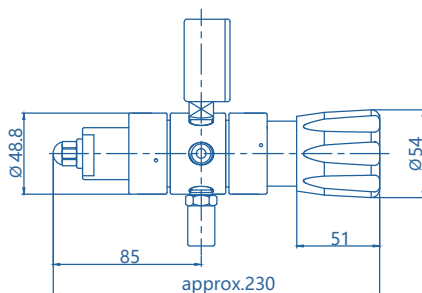
Product Features

- Dual stage pressure regulator
- Brass chrome plated body and bonnet for inert, reactive, flammable and oxidizing gas and mixtures up to grade 6.0
- Stainless steel 316L body and bonnet for corrosive gases
- Simple outlet pressure limitation by handwheel
- Inlet filter
- Stable outlet pressure
- Tested for use with oxygen

Typical Applications

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

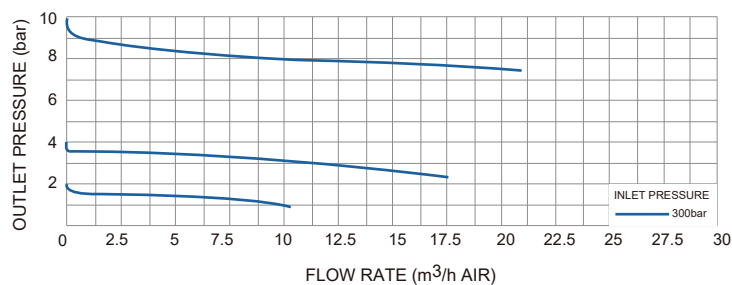
Dimensions (mm)



Technical Data

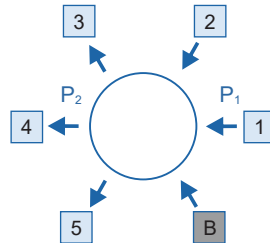
Type	Dual-stage
Inlet pressure P ₁	max. 300 bar
Outlet pressure P ₂	2/4/10/20 bar
Materials	
Body regulator, relief valve:	see ordering info
Valve seat:	PCTFE
Diaphragm:	Hastelloy® C276
Filter:	SS 316L
Inlets and Outlets:	1/4" NPT(F)
Temperature range:	-30°C to +74°C
Leak rate (to atmosphere)	1x10 ⁻⁸ mbar l/s He
(via seat)	1x10 ⁻⁶ mbar l/s He
Flow capacity:	Cv=0.07
Weight:	2.10 kg

Flow Chart



Zweistufige Druckminderer / Dual Stage Regulators VSR-11E Series

Ordering Information



Inlets / Outlets

DIN: Germany	NF: French	04: 1/4" Tube fitting	R: Relief valve
CGA: USA	JIS: Japan	06: 3/8" Tube fitting	B: Plug
BSP: British	F4: 1/4"NPT(F)	6M: 6mm Tube fitting	
GB: China	M4: 1/4"NPT(M)	8M: 8mm Tube fitting	
UNI: Italy	02: 1/8" Tube fitting	P: Gauge(Psig/bar)	

* Other connection standard, consult factory.

Port Selection

VSR - 11ES - 200 - 10 - 1 - 2 - 3 - 4 - 5 - B - N2

Body Material

S: 316L
C: Chrome Plated Brass

Inlet Pressure P1

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

Ordering Example

Example: VSR - 11EC - 200 - 10 - F4 - P - P - F4 - B - B - N2

1 2 3 4 5 6



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