

Gas Terminal

VSR-1ETG-BV Series

Product Features

- Wall-mounting tapping points
- VSR-1EL series single-stage 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
- Modular design
- Diaphragm type shut-off valves
- Suitable for inlet pressure up to 100 bar
- Tested for use with oxygen

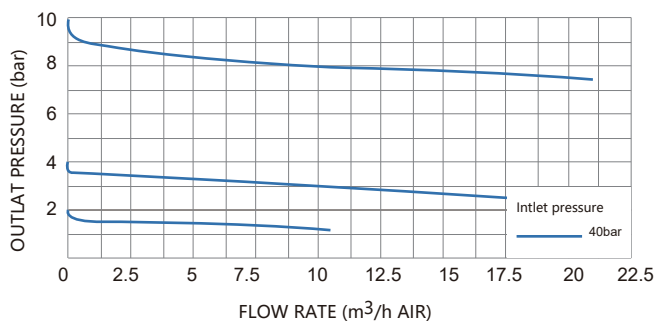
Typical Applications

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

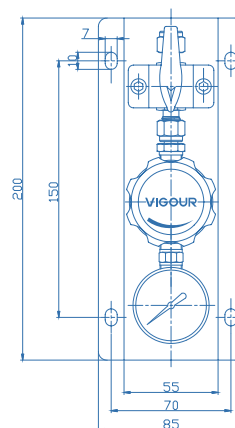
Technical Data

Type:	single-stage
Inlet pressure P1:	max. 100 bar
Outlet pressure P2:	2/4/10/20/50 bar
Materials	
Body regulator and valves:	see ordering into
Valve seat (regulator):	PCTFE
(shut-off valve):	PTFE
Diaphragm (regulator):	Hastelloy® C276
Filter:	SS 316L
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=0.18
Weight:	4.1~5.7kg

Flow Chart

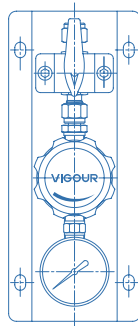


Dimensions (mm)

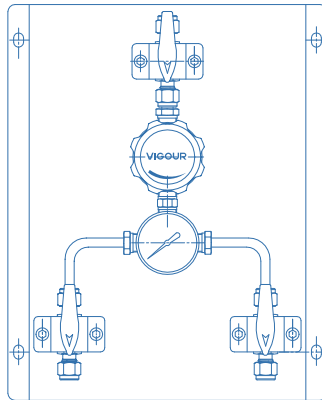


*As shown in the diagram, the outlet connection is the model of no ball valves.

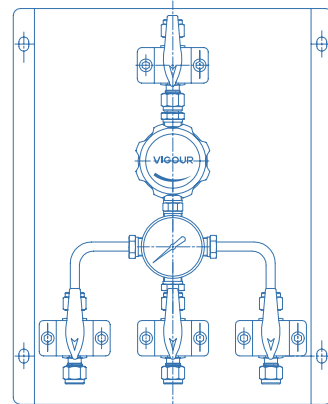
Schematic Drawing



"A" Type:
Single outlet



"B" Type:
Dual outlet



"C" Type:
Triple outlet

*As shown in the diagram, the inlet/outlet connection is the model of BV04.

Ordering Information

VSR - 1ETGS - 100 - 10 - BV04 - BV04 - A - N₂

Body Material

S: 316L

C: Chrome Plated Brass

Inlet Pressure P₁

40: 40 bar

100: 100 bar

Outlet Pressure P₂

2: to 2 bar

4: to 4 bar

10: to 10 bar

20: to 20 bar

50: to 50 bar

Gas Type

Please specify gas type

Outlet Type

A: "A" type single outlet

B: "B" type dual outlet

C: "C" type triple outlet

Inlet / Outlet Port

BV04: 1/4" ball valves

BV06: 3/8" ball valves

04: 1/4" Tube fitting

06: 3/8" Tube fitting

F4: 1/4" NPT(F)