

Product Features

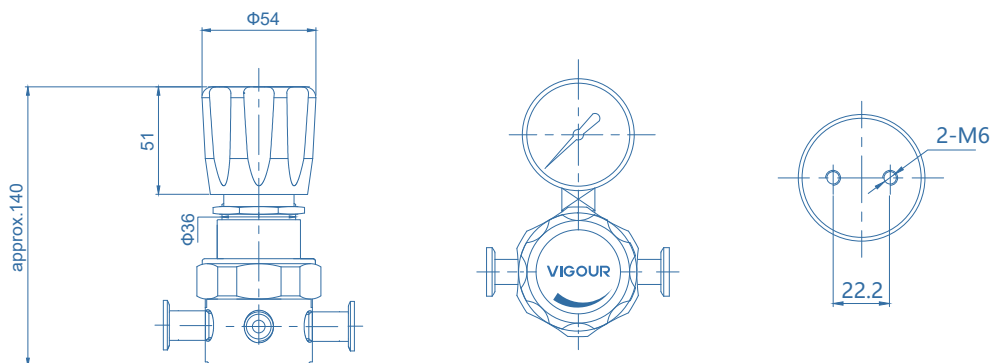
- Line pressure regulator
- Stainless steel 316L body
- Stable outlet pressure
- Hand wheel adjustment, precise control of pressure
- Tested for use with oxygen
- Clamp standard ISO2852(ASME BPE option)
- Seals conform to USP Class VI and BPE design
- Suitable for biotechnology and pharmaceutical applications

Typical Applications

- Food and pharmaceutical industry
- Petroleum and petrochemical industry
- Integrated equipment matching



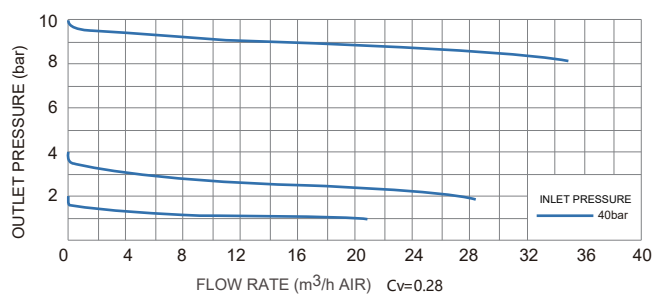
Dimensions (mm)



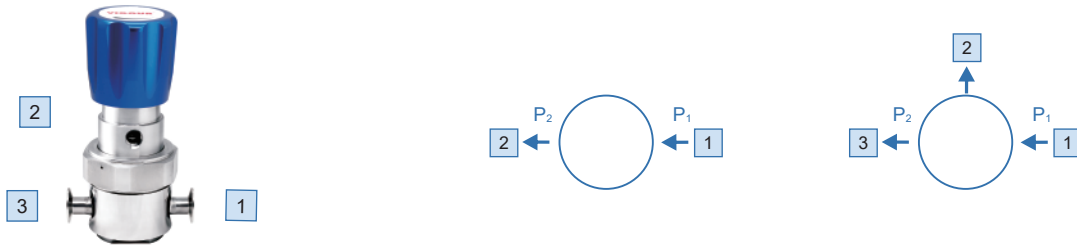
Technical Data

Type:	single-stage
Inlet pressure P1:	max. 40 bar
Outlet pressure P2:	VAC/1/2/3/4/8/10/20 bar
Materials	
Body regulator:	316L
Valve seat:	PCTFE
Diaphragm:	Hastelloy® C276
O-ring:	Viton® (FKM)
(option)	Kalrez® (FFKM)
Filter:	SS 316L
Inlets and Outlets:	1/4" standard, 3/8" optional
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=0.15
Weight:	1.25kg

Flow Chart



Ordering Information



Inlets / Outlets

S16: 1" Clamp

S32: 2" Clamp

TW4: 1/4" Tube fitting

TW6: 3/8" Tube fitting

TW4M: 4mm Tube fitting

TW6M: 6mm Tube fitting

FV4: 1/4" VFS fitting (Female)

P: Gauge (Psig/bar)

* Other connection standard, consult factory.

Port Selection

VSR - 2EPH S - 40 - 10 - 1 - 2 - 3 - N₂

Body Material

S: 316L

Inlet Pressure P₁

10: 10 bar

40: 40 bar

Outlet Pressure P₂

1: to 1 bar

2: to 2 bar

3: to 3 bar

4: to 4 bar

8: to 8 bar

10: to 10 bar

20: to 20 bar

V2: -1 bar to 2 bar

V4: -1 bar to 4 bar

V10: -1 bar to 10 bar

V20: -1 bar to 20 bar

Type of Gas

Please specify type of gas

Ordering Example

Example: VSR - 2EPHS - 40 - 4 - S16 - S16 - N₂

1 - 2

