

Product Features

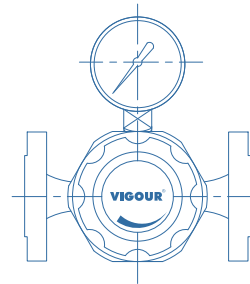
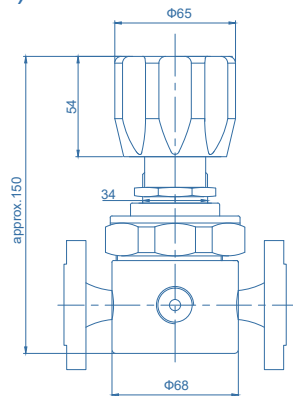
- Line pressure regulator
- Stainless steel 316L body
- 4 ports configuration
- Stable outlet pressure

Typical Applications

- Pharmaceutical Industry
- Food and Beverage Industry



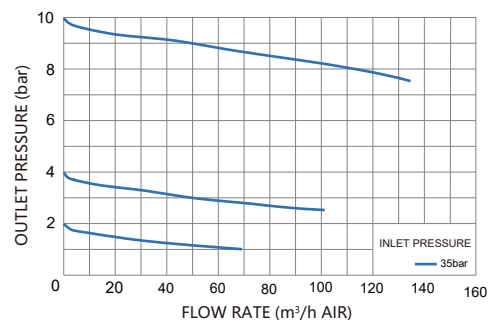
Dimensions (mm)



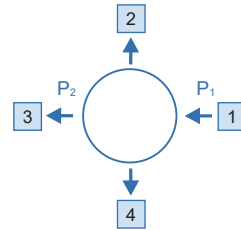
Technical Data

| | |
|----------------------------|--------------------------------|
| Type: | single-stage |
| Inlet pressure P1: | max. 40 bar |
| Outlet pressure P2: | 2/4/10/20/V2/V10 bar |
| Materials | |
| body regulator: | see ordering info |
| Valve seat: | PCTFE |
| Diaphragm: | Hastelloy® C276 |
| O-ring: | Viton® (FKM) |
| (option) | Kalrez® (FFKM) |
| Filter: | SS 316L |
| Inlets and Outlets: | see ordering info |
| 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=1.7 |
| Weight: | 3.2kg |

Flow Chart



Ordering Information



Inlets / Outlets

- | | | |
|------------------|------------------|---------------------|
| D10: DN10 Flange | D25: DN25 Flange | P: Gauge (Psig/bar) |
| D15: DN15 Flange | D30: DN30 Flange | B: Plug |
| D20: DN20 Flange | F4: 1/4"NPT(F) | |

* Other connection standard, consult factory.

Port Selection

VSR - 3F S - 40 - 10 - 1 - 2 - 3 - 4 - N₂

Body Material
S: 316L

Inlet Pressure P₁
10: 10 bar
16: 16 bar
25: 25 bar
40: 40 bar

Outlet Pressure P₂
2: to 2 bar
4: to 4 bar
10: to 10 bar
20: to 20 bar
V2: 30 in Hg VAC ~ 2 bar
V10: 30 in Hg VAC ~ 10 bar

Type of Gas
Please specify type of gas

Ordering Example

Example: VSR - 3FS - 40 - 10 - D10 - F4 - D10 - B - N₂

1 - 2 - 3 - 4

