

Product Features

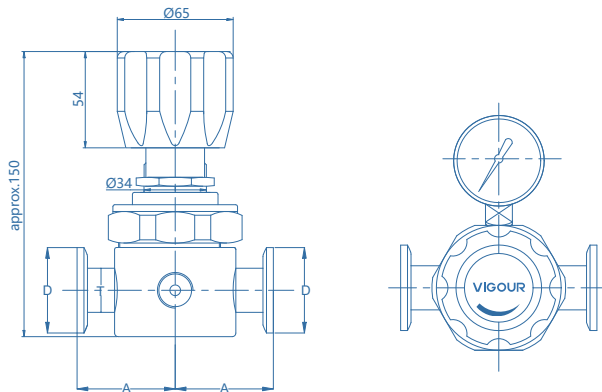
- Line pressure regulator
- Stainless steel 316L body
- 2 or 3 ports configuration
- Stable outlet pressure
- Hand wheel adjustment, precise control of pressure
- Tested for use with oxygen
- Clamp standard ISO2852(ASME BPE optional)
- Seals conform to USP Class VI and BPE design

Typical Applications

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



Dimensions (mm)

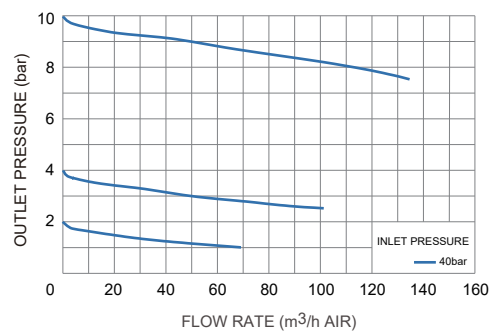


Connections	A	T	D
	mm	inch	mm
S16-TW8	60.6	1/2	25.4
S32-TW8	60.6	1/2	50.5
S16-TW12	60.6	3/4	25.4
S32-TW12	60.6	3/4	50.5
S32-TW16	60.6	1	50.5
S40-TW16	60.6	1	64
S32-TW24	60.6	1.5	50.5
S40-TW24	60.6	1.5	64
S40-TW32	60.6	2	64

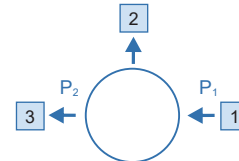
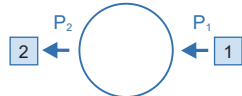
Technical Data

Type:	single-stage
Inlet pressure P1:	max. 40 bar
Outlet pressure P2:	2/3/4/8/10 bar
Materials	
Body regulator:	316L
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=1.0
Weight:	2.8kg

Flow Chart



Ordering Information



Inlets / Outlets

S16: 1" Clamp

S32: 2" Clamp

S40: 2-1/2" Clamp

TW8: 1/2" Tube fitting

TW12: 3/4" Tube fitting

TW12M: 12mm Tube fitting

TW20M: 20mm Tube fitting

FV4: 1/4" VFS(F)

P: Gauge (Psig/bar)

* Other connection standard, consult factory.

Port Selection

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

Body Material

S: 316L

Inlet Pressure P₁

10: 10 bar

40: 40 bar

Outlet Pressure P₂

2: to 2 bar

3: to 3 bar

4: to 4 bar

8: to 8 bar

10: to 10 bar

Type of Gas

Please specify type of gas

Ordering Example

Example: VSR - 3PH S - 40 - 4 - S16 - S16 - N₂

