

Product Features

- Line pressure regulator
- Stainless steel 316L body
- 2&3 ports configuration
- Stable outlet pressure

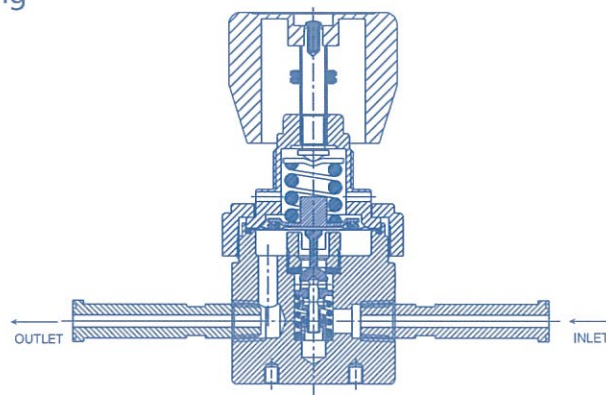
Product Applications

- Sparge gases
- Clean steam for sanitization
- Transfer panels

Typical Applications

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

Schematic Drawing

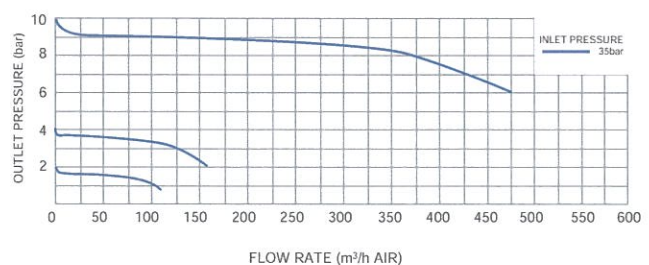


VSR-3PH Series

Technical Data

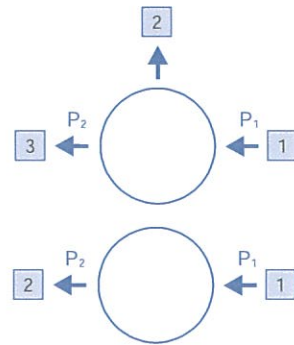
Type:	single-stage
Inlet pressure P ₁ :	max. 40bar
Outlet pressure P ₂ :	2/4/10bar
Materials	
Body regulator	see ordering info
Valve seat:	PCTFE
Diaphragm:	Hastelloy® C276
O-ring:	Viton® (FKM)
(option)	Kalrez® (FFKM)
Filter:	SS 316L
Inlets and Outlets:	see ordering info
Temperature range:	-30°C to +74°C
Leak rate (to atmosphere)	1x10 ⁻⁸ mbar l/s He
(via seat)	1x10 ⁻⁶ mbar l/s He
Flow capacity:	Cv=1.7
Weight:	2.8 kg

Flow Chart



Wir bieten Lösungen für Ihre Ideen!
We offer solutions regarding your ideas!

Ordering Information



Inlets / Outlets

- | | |
|--------------------|---------------------|
| 82: 1/2" Sanitary | 91: 20mm Weld tube |
| 83: 3/4" Sanitary | P: Gauge (Psig/bar) |
| 86: 1/2" Weld tube | |
| 87: 3/4" Weld tube | |
| 90: 12mm Weld tube | |

* Other connection standard, consult factory.

Port Selection

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

Body Material

S: 316L

Inlet Pressure P1

40: 40 bar

Outlet Pressure P2

- 2: to 2 bar
- 4: to 4 bar
- 10: to 10 bar

Type of Gas

Please specify type of gas

Ordering Example

Example: VSR - 3PHS - 40 - 4 - 82 - 82 - N2



VSR-4PH Series

Product Features

- Line pressure regulator
- Stainless steel 316L body
- 2&3 ports configuration
- Stable outlet pressure

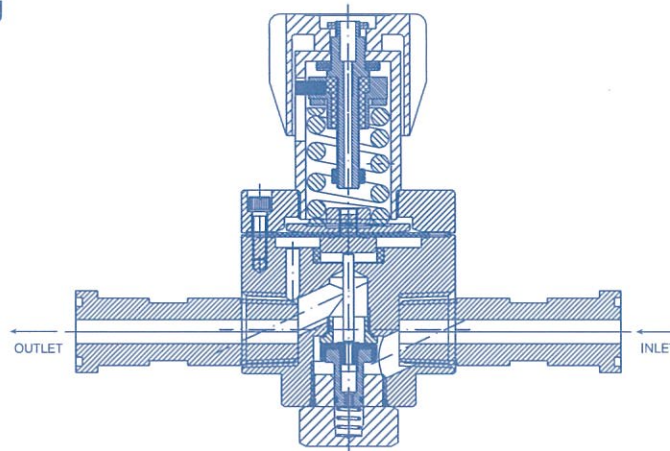
Product Applications

- Clean steam for sanitization
- Vessel headspace pressurization

Typical Applications

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

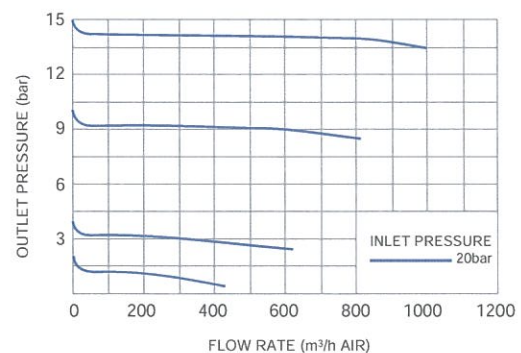
Schematic Drawing



Technical Data

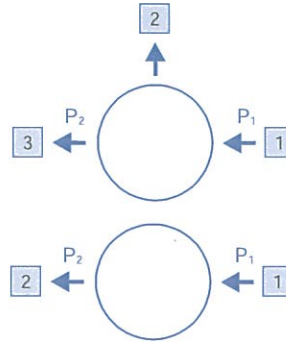
Type:	single-stage
Inlet pressure P ₁ :	max. 35bar
Outlet pressure P ₂ :	2/4/10/20bar
Materials	
Body regulator	see ordering info
Valve seat:	Buna-N
Diaphragm:	Hastelloy® C276
Inlets and Outlets:	see ordering info
Temperature range:	-15°C to +74°C
Leak rate (to atmosphere) (via seat)	1x10 ⁻⁶ mbar l/s He 1x10 ⁻⁴ mbar l/s He
Flow capacity:	C _V =5.1
Weight:	4.10 kg

Flow Chart



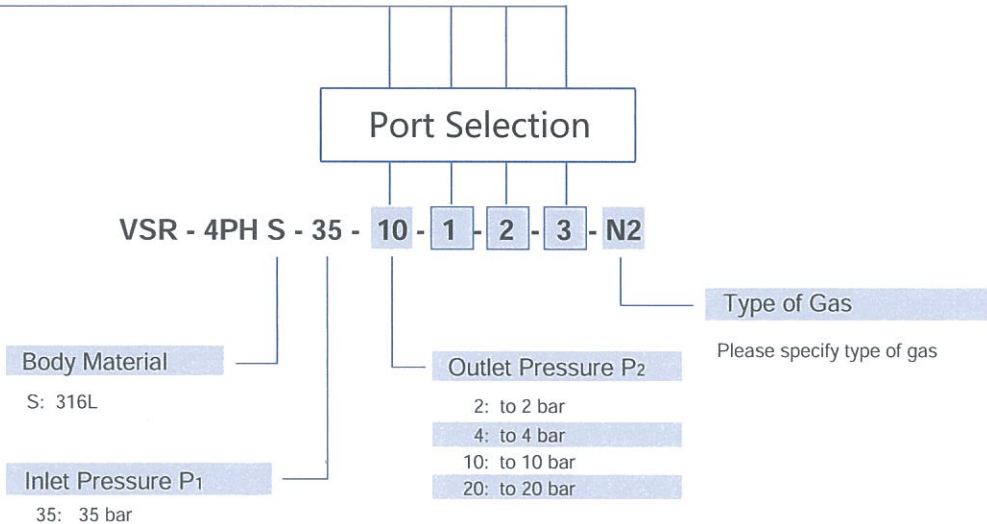
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Ordering Information



Inlets / Outlets			P: Gauge(Psig/bar)
82: 1/2" Sanitary	86: 1/2" Weld tube	90: 12mm Weld tube	
83: 3/4" Sanitary	87: 3/4" Weld tube	91: 20mm Weld tube	
84: 1" Sanitary	88: 1" Weld tube	92: 25mm Weld tube	
85: 1-1/2" Sanitary	89: 1-1/2" Weld tube	93: 30mm Weld tube	

* Other connection standard, consult factory.



Ordering Example

Example: VSR - 4PH S - 35 - 10 - 82 - 82 - N2

1 - 2

