

Line Regulators

VSR-120 Series

VIGOUR

Product Features

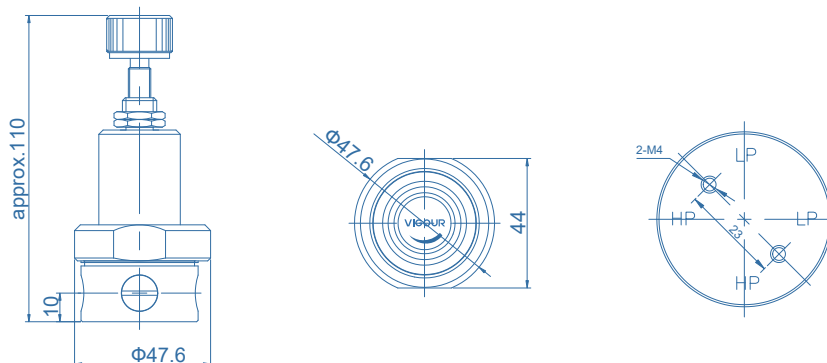
- Low pressure, high flow regulator
- Stainless steel 316L body, Aluminum body
- A variety of hole design, suitable for a variety of inlet and outlet gas structure
- Stable output pressure
- Simple outlet pressure limitation by handwheel
- Tested for use with oxygen

Typical Applications

- The hydrogen industry
- Supporting analysis industry
- Food and pharmaceutical industry



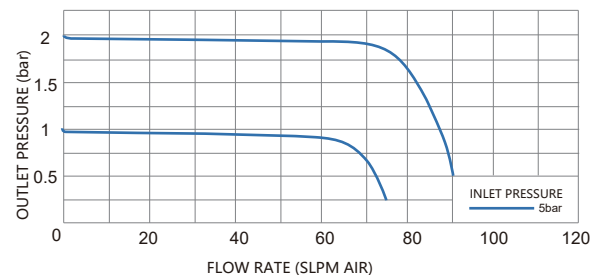
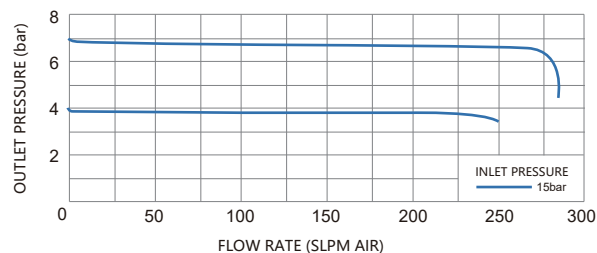
Dimensions (mm)



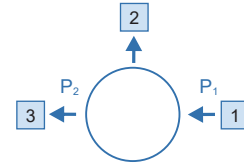
Technical Data

Type:	single-stage
Inlet pressure P ₁ :	max. 15 bar
Outlet pressure P ₂ :	1/2/4/7 bar
Materials	
Body regulator:	see ordering info
Valve seat:	Viton®(FKM)
Diaphragm:	Neoprene
O-ring:	Viton®(FKM)
(option)	Kalrez®(FFKM)
Filter:	SS 316L
Inlets and Outlets:	1/8"
Temperature range:	-30°C to +74°C
Leak rate:	Bubble-tight
Weight:	0.4kg (316L)
	0.2kg (Aluminum)

Flow Chart



Ordering Information



Inlets / Outlets

F2: 1/8" NPT(F)

M2: 1/8" NPT(M)

P: Gauge (Psig/bar)

* Other connection standard, consult factory.

Port Selection

VSR - 120 A - 15 - 4 - 1 - 2 - 3 - N₂

Body Material

S: 316L

A: Aluminum

Inlet Pressure P₁

15: 15 bar

Outlet Pressure P₂

1: to 1 bar

2: to 2 bar

4: to 4 bar

7: to 7 bar

Type of Gas

Please specify type of gas

Ordering Example

Example: VSR - 120 A - 15 - 4 - F2 - P - F2 - N₂

1 - 2 - 3

