

Precision Pressure Regulator

VSR-120 Series

VIGOUR

Product Features

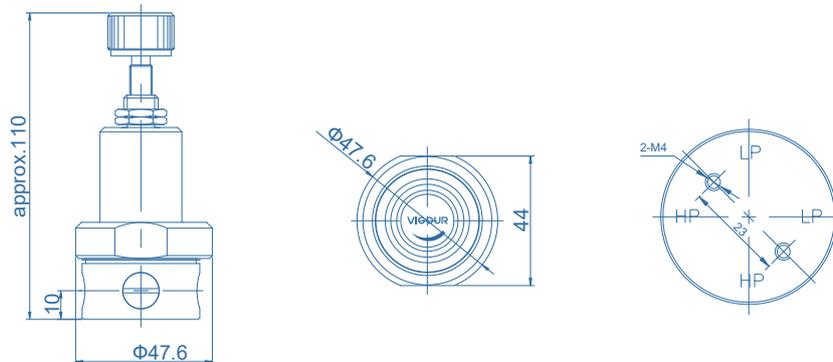
- Low pressure, high flow regulator
- Stainless steel 316L body, Aluminum body
- A variety of hole design, suitable for a variety of inlet and outlet gas structure
- Stable output pressure
- Simple outlet pressure limitation by handwheel
- Tested for use with oxygen

Typical Applications

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



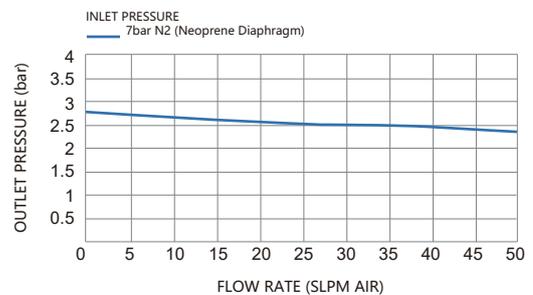
Dimensions (mm)



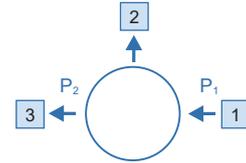
Technical Data

Type:	single-stage
Inlet pressure P1:	max. 17 bar
Outlet pressure P2:	0~0.3/0.7/2/4/7 bar
Materials	
Body regulator:	see ordering info
Valve seat:	Viton®(FKM)
Diaphragm:	Neoprene / 316L (option)
O-ring:	Viton®(FKM) / Kalrez®(FFKM)
Filter:	SS 316L
Inlets and Outlets:	1/8"
Temperature range:	-30°C to +74°C
Leak rate:	Bubble-tight
Flow capacity:	Cv=0.04
Weight:	0.4kg (316L) 0.2kg (Aluminum)

Flow Chart



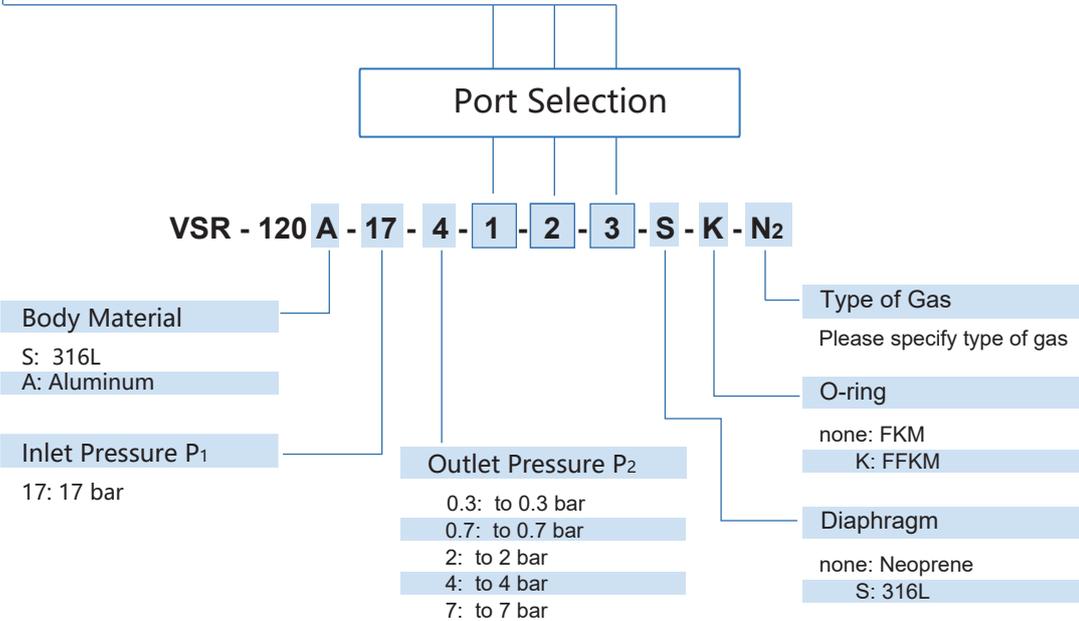
Ordering Information



Inlets / Outlets

F2: 1/8" NPT(F) | P: Gauge (Psig/bar)
 M2: 1/8" NPT(M)

* Other connection standard, consult factory.



Ordering Example

Example: VSR - 120A - 17 - 4 - F2 - P - F2 - N₂

1 - 2 - 3

