

Back Pressure Regulators

VSR-52 Series

VIGOUR

Product Features

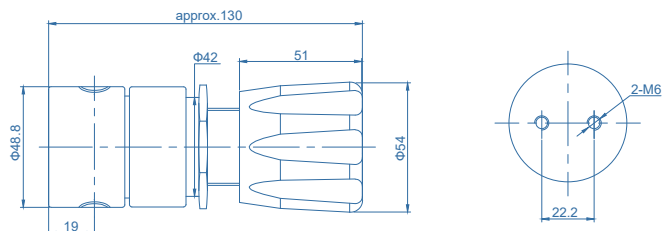
- Economical, compact design
- Piston sensed design is safe and reliable
- Available in a Stainless Steel or Brass design
- Optional gauge ports and panel mounting
- Low handknob torque for easy operation
- Bubble-tight shutoff at all reseating pressures
- Tested for use with oxygen



Typical Applications

- Industrial equipment for hydraulic or pneumatic service
- calibration system
- Laboratory pressure control
- High pressure sampling system
- Maintain and test equipment

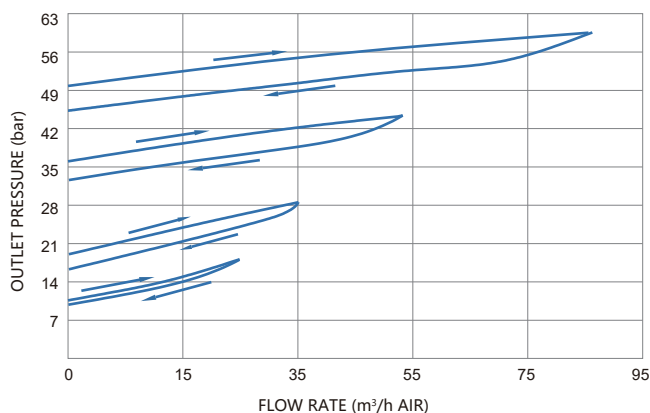
Dimensions (mm)



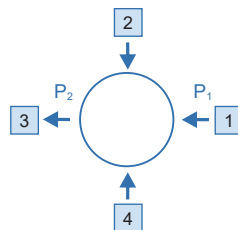
Technical Data

Backpressure:	max. 50 bar
Controlled pressure:	see ordering info
Materials	
Body regulator, relief valve:	see ordering info
Valve seat:	PCTFE (standard) / Vespel®(option)
Piston:	SS 316L
O-ring:	Viton® (FKM)
(option)	Kalrez® (FFKM)
Filter:	SS 316L
Inlets and Outlets:	1/4"NPT(F)
Temperature range:	-30°C to +74°C
Leak rate:	Bubble-tight
Flow capacity:	Cv=0.1
Weight:	1kg

Flow Chart



Ordering Information



Inlets / Outlets

F4: 1/4"NPT(F) | P: Gauge (Psig/bar) | B: Plug

* Other connection standard, consult factory.

Port Selection

VSR - 52 - L S - 10 - 1 - 2 - 3 - 4 - VS - N₂

Type

L: Line mounting
P: Panel mounting

Body Material

S: 316L
C: Chrome Plated Brass

Controlled Pressure Range

10: 3-10 bar
20: 3-20 bar
50: 7-50 bar

Type of Gas

Please specify type of gas

Valve Seat

None: PCTFE
VS: Vespe[®]

Ordering Example

Example: VSR - 52LS - 10 - F4 - P - F4 - B - N₂

1 - 2 - 3 - 4



* For mixed gases, please specify cylinder connection standard and thread when ordering.

