

Cylinder Pressure Regulators

VSR-16M Series

VIGOUR

Product Feature

- Lightweight piston pressure reducer
- The body is 6061 aluminum with anodized surface
- Compact design, weight only 225g
- Up to four 1/4 "NPT, or SAE threaded connectors
- Stainless steel optional
- Tested for use with oxygen

Typical Applications

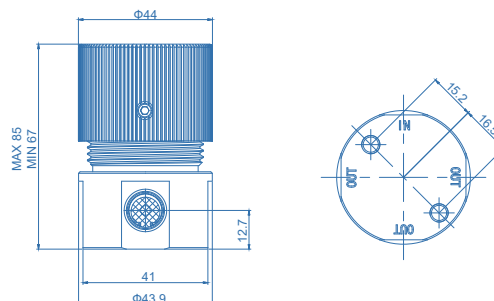
- Corollary Equipment
- Component Testing
- Calibration Systems
- Laboratory Pressure Control
- Service & Test Equipment



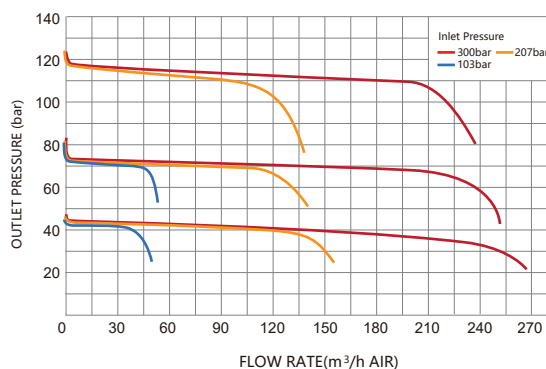
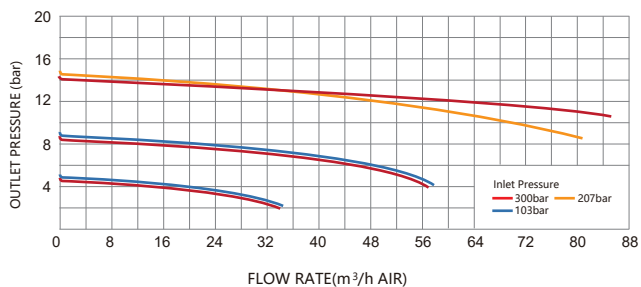
Technical Data

Type:	Regulators
Inlet Pressure:	Max. 300 bar
Materials	
Body:	See ordering info
Valve Seat:	PCTFE / PEEK (Vespel® Option)
O-ring:	Viton®
Inlets/Outlets:	1/4"NPT(F)
Leak Rate:	Bubble-tight
Flow Capacity:	Cv=0.06
Weight:	0.2kg

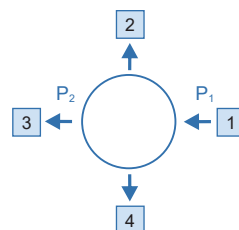
Dimensions (mm)



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 - 16MP - S - 300 - 150 - 1 - 2 - 3 - 4 - V

Type

None: Standard mounting
P: Panel mounting

Body Material

None: Aluminum
S: 316L

Inlet Pressure P₁

300: 300 bar

Valve Seat

None: PCTFE
P: PEEK
V: Vespe[®]

Outlet Pressure P₂

100: to 100 bar
150: to 150 bar

Ordering Example

Example: VSR - 16MP - 300 - 150 - F4 - P - P - F4 - V

1 2 3 4



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

