

Single Stage Pressure Regulators VSR-3UA Series

Product Feature

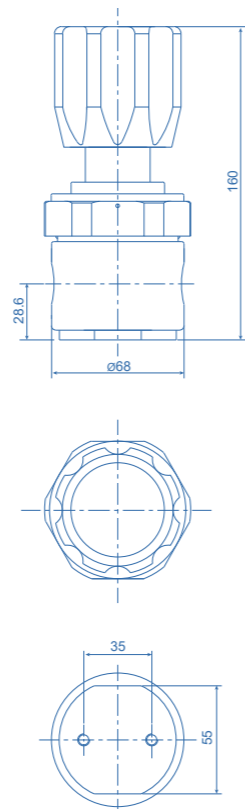
- Single-stage pressure regulator
- High performance, high flow
- High control outlet pressure accuracy
- Simple outlet pressure limitation by hand-wheel
- 100 % helium-leak-tested
- Cleaned for O2 service



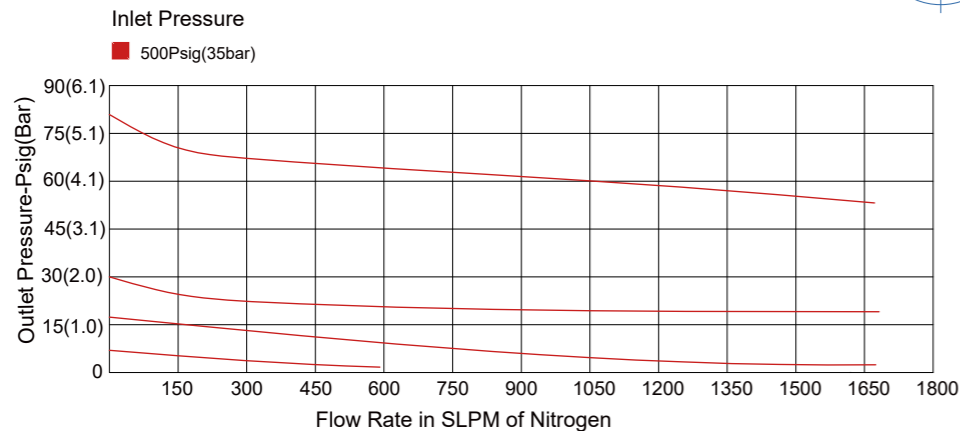
Technical Data

Type	single-stage
Inlet pressure P1	max. 600 psig
Outlet pressure P2	30/60/100/150 psig
Materials	
Body regulator	see ordering info
Valve seat	PCTFE
Diaphragm	Hastelloy® C276
Inlets and Outlets	1/2" / 3/4" NPT(F)
Temperature range	-40° to +160°F (-40° to +71°C)
Leak rate (to atmosphere)	1x10 ⁻⁹ mbar l/s He
Flow capacity	Cv=1.6
Weight	2.8 kg
Supply pressure effect	5 psig per 100 psig source pressure change

Dimensions(mm)

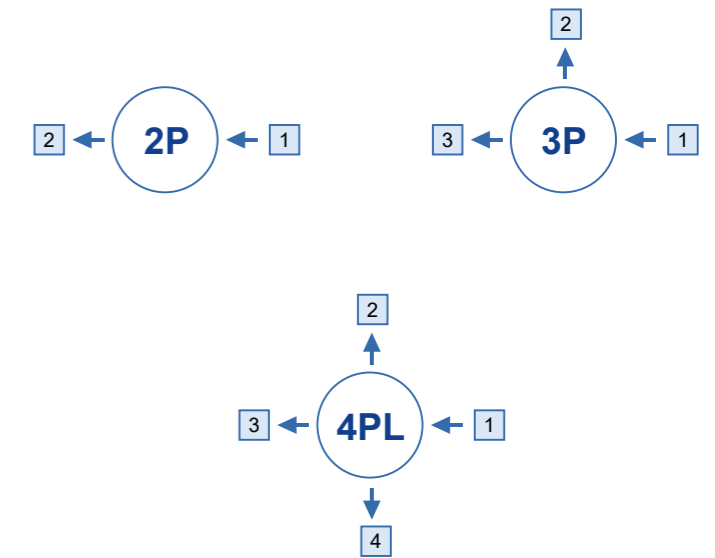


Flowchart



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Ordering Information



Inlet/Outlet Connection

00: 1/4" NPT(F)	67: 12mm weld tube
02: 3/8" NPT(F)	68: 20mm weld tube
04: 1/2" NPT(F)	P: gauge
06: 3/4" NPT(F)	B: plug

* Other connection standard, consult factory

Port Selection

VSR - 3UAPS - 40 - 2 - 4PL - 04 - P - 04 - B

Installation

- P: panel installation
- L: line installation

* Panel hole ϕ 34mm

Materials

S: 316L

Outlet Pressure

- 2: to 30 psig
- 4: to 60 psig
- 7: to 100 psig
- 10: to 150 psig

Inlet Pressure

40: 600 psig

Ordering Example

VSR - 3UALS - 40 - 10 - 4PL - 04 - P - 04 - B

1 - 2 - 3 - 4

