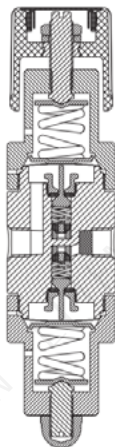


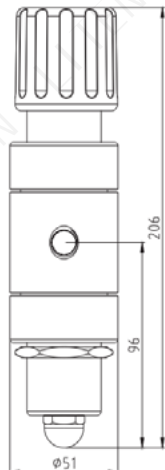
R31 Series Dual Stage Pressure Regulators

FEATURES

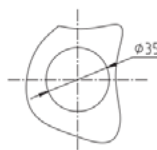
- Dual-stage diaphragm structure
- Corrugated diaphragm design for excellent sensitivity and cycle life
- Purity up to 6.0, inlet pressure 0~3500 psi, outlet pressure 0~250 psi;
- Suitable for inert, corrosive, toxic, flammable, and combustible gases.



Internal structure



External dimension

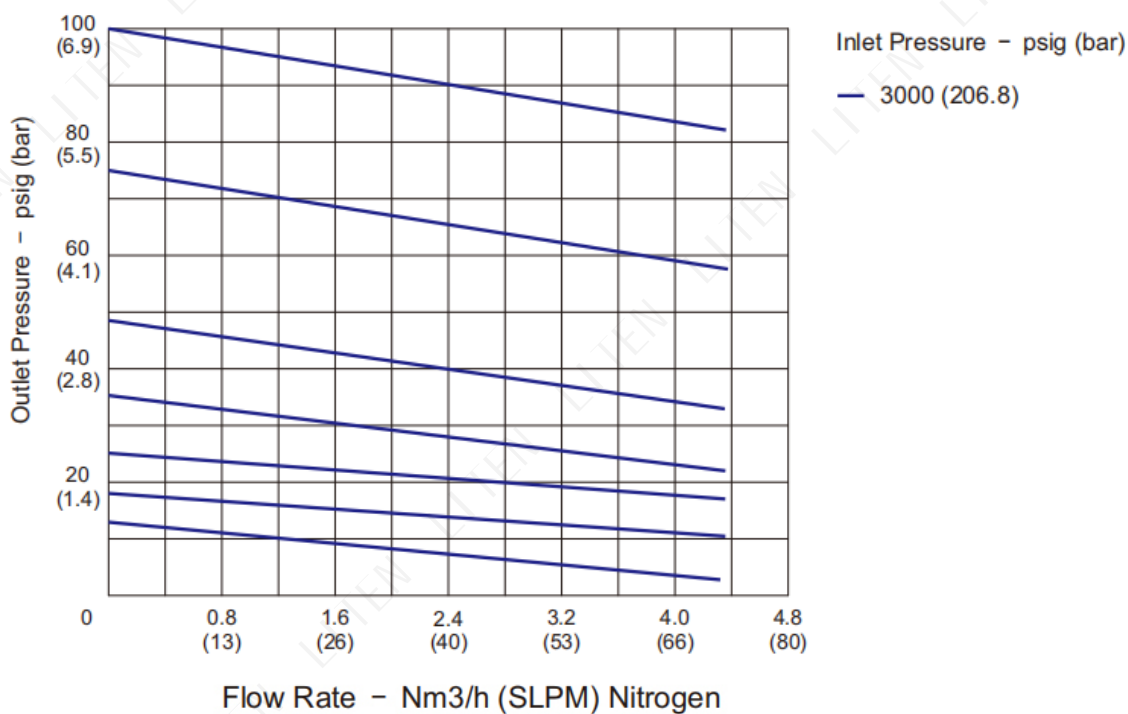


Middle opening, bottom mounting holes



- Valve seat material: PCTFE, PTFE
- Diaphragm material: SS316L, Hastelloy
- Female thread: 1/4"NPT(F)
- Leakage rate: 2×10^{-8} atm.cc/sec He
- Cv value: 0.08
- Valve body weight: 1.4kg
- Applicable temperature: -40 °C to +74 °C
- Safety pressure: 1.5 times the maximum input pressure

FLOW DATA



R31 Series Dual Stage Pressure Regulators

CLEANING TECHNICS

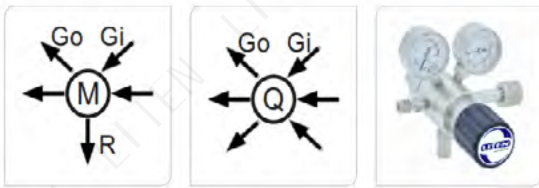
Standard(WK-BA)

The welded fittings are cleaned in accordance with our standard cleaning and packaging specifications. No suffixes need to be added when ordering.

Oxygen Cleaning(WK-O2)

Specifications for cleaning and packaging of products for oxygen environments are available. This meets ASTM G93 Class C cleanliness requirements. When ordering, add -O2 to the end of the order number.

PORT CONFIGURATIONS



R31LM

For more or additional port options, please consult LITEN.

ORDERING INFORMATION

Series	Body Material	Body Port	Inlet Pressure	Outlet Pressure	Pressure Gauges	Inlet Connection	Outlet Connection	Optional Accessories
R31	L	A	-R	F	G	-00	-00	-B
R31	L:316L B: Brass	A B G M	R: 3000psi K:500psi	F:0~250psi C:0~100psi B:0~50psi A:0~25psi	G:MPa P:psi/bar W: No Gauges	01:1/4"NPT(F) C330:CGA330 C580:CGA580 52:G5/8"-RH(F) 64:W21.8-14LH(F) More...	01:1/4"NPT(F) C330:CGA330 C580:CGA580 52:G5/8"-RH(F) 64:W21.8-14LH(F) More...	B: Ball valve N: Needle valve R: Safety valve P: Center-mounted F: Fixed panel None

Note: For more model selections, please contact LITEN.

OPTIONAL ACCESSORIES



Ball Valve

Needle Valve

Safety Valve

Pressure Gauge

Cylinder Adapter

Connectors

Fixed Panel