

## R46 Series High pressure Medium Flow Pressure Regulator

The R46 series stainless steel pressure regulator, which adopts a piston-type structure, provides stable high-pressure output and is suitable for high-pressure, high-flow applications.

### FEATURES

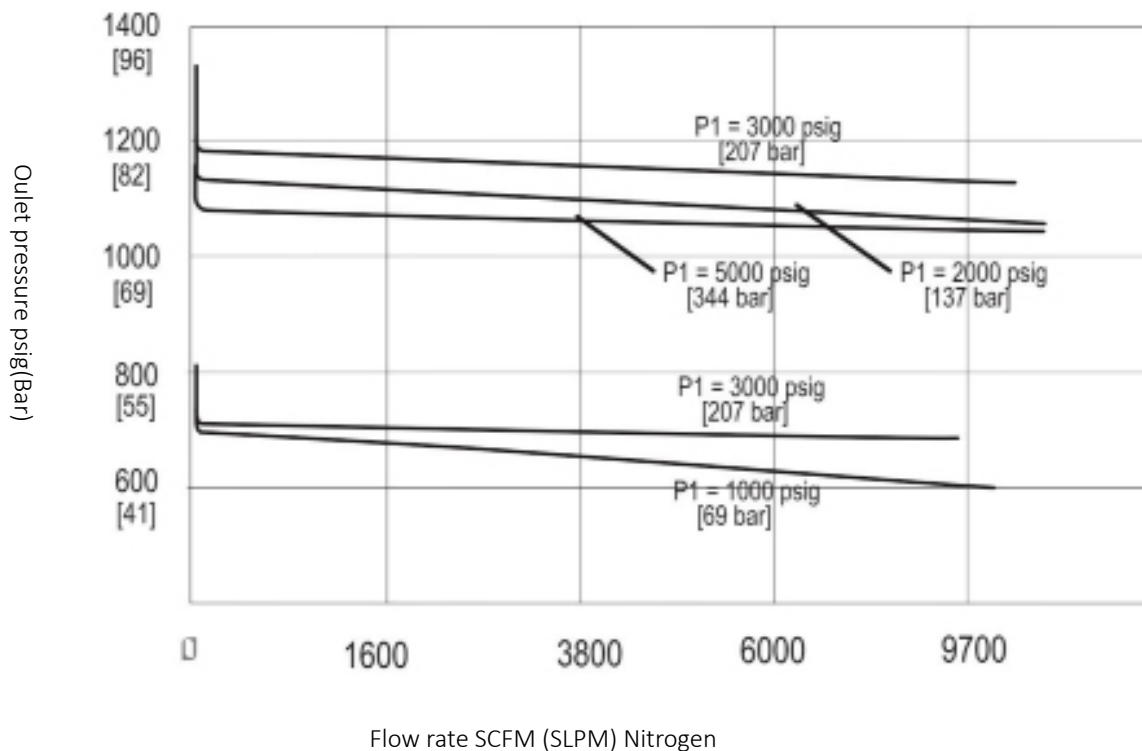
- High input pressure, large outlet flow
- Piston design, high safety and reliability
- Balanced spool design, optional panel installation.

### TECHNICAL DATA

- Inlet/Outlet Gas Connection: 1/2" NPT (optional 3/4" NPT)
- Maximum Inlet Pressure: 6000 Psi
- Output Pressure Range: 500,1000,2000 Psi
- Operating Temperature: -40 to 74°C
- CV Value: 1.0
- Material:
  - Valve Body: 316L
  - Valve Core: 316L
  - Valve Seat: PTFE/VITON
  - Other Components: 304



### FLOW DATA



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### CLEANING TECHNICS

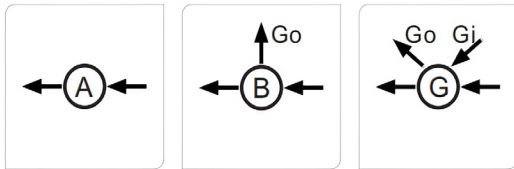
#### Standard(WK-BA)

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



For more or additional port options, please consult LITEN.

### ORDERING INFORMATION

Series	Body Material	Body Port	Inlet Pressure	Outlet Pressure	Pressure Guages	Inlet Connection	Outlet Connection	Seat Material
<b>R46</b>	<b>L</b>	<b>G</b>	<b>-A</b>	<b>C</b>	<b>G</b>	<b>-00</b>	<b>-00</b>	<b>-P</b>
R46	L:316L	A B G	A:3000psi B:6000psi	C:500psi D:1000psi E:2000psi	G: MPa P: psi/bar W: None	00: 1/2"NPT(F) 01: 3/4"NPT(F) 11: 1/3"OD 12: 3/4"OD More...	00: 1/2"NPT(F) 01: 3/4"NPT(F) 11: 1/2"OD 12: 3/4"OD More...	P: Panel mount None

Note: For more model selections, please contact LITEN.