

# R72SL SERIES

High Purity Back Pressure Regulator

Specialty Gas Equipment



GENTEC® R72SL Back Pressure Regulator is a Piston-Sensed High Purity Back regulator designed for analytical applications where a constant back pressure is desired.

## Product Features

- Piston-Type Configuration
- Inlet & Outlet Post Size: 1/4" NPT(F)

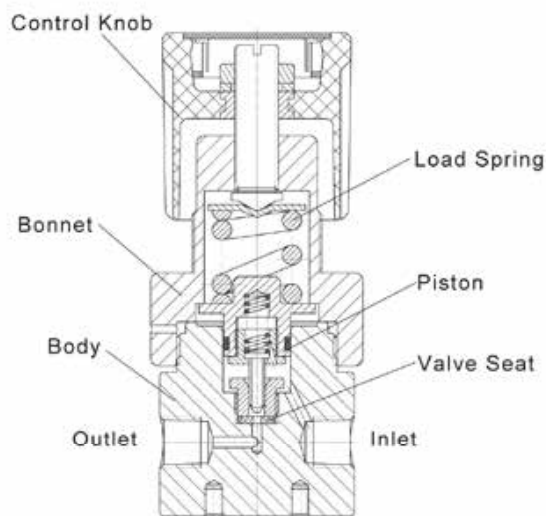
▶ R72SLAK-EW-00-00

## Materials

- |          |                      |
|----------|----------------------|
| • Body   | 316L Stainless Steel |
| • Seat   | PCTFE                |
| • Piston | 316L Stainless Steel |
| • Stem   | 316L Stainless Steel |
| • Spring | 316L Stainless Steel |

## Applications

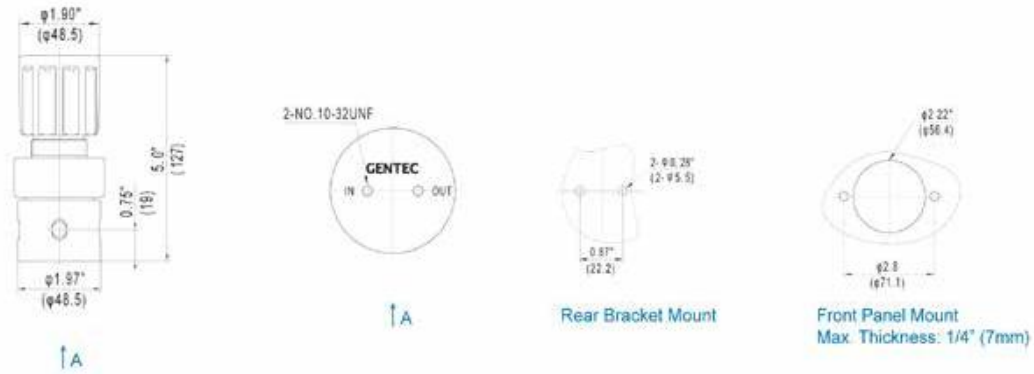
- Process Control
- Petrochemical Industry
- Gas Chromatography
- Research Laboratories



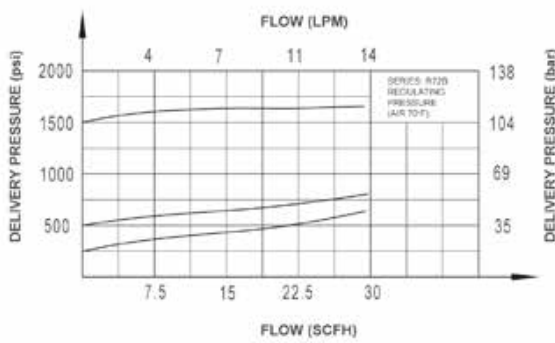
## Specifications

- Maximum back pressure: 1500 psig (103 bar)
- Safety test pressure: 1.5 x Maximum pressure
- Temperature range: -40°F~165°F (-40°C~ 74°C)
- Inboard leakage:  $2 \times 10^{-8}$  atm.cc/sec He
- Outboard leakage:  $2 \times 10^{-8}$  atm.cc/sec He
- Maximum Cv: 0.14
- Weight: 2.65 lb (1.2 kg)

**Dimensions**



**Flow Data**



**Body Port**



**Ordering Information**

EX:R72SL	A	K -	E	W -	00 -	00 -	J
Series	Body Ports	Seat	Inlet Pressure Ranges	Gauge	Inlet Connections	Outlet Connections	Options
• R72SL	A	K: PCTFE	E: 0-1500 psig F: 0-500 psig G: 0-250 psig	W: No Gauge	00: 1/4" NPT(F) Other connections available*	00: 1/4" NPT(F) Other connections available*	Blank: None J: Rack Mount

\* For more connection options contact GENTEC.