

# R15SL SERIES

High Purity Medium Flow Line Regulator

Specialty Gas Equipment



▶ R15SLBE-DIP-04-04

GENTEC® R15SL Series Stainless Steel Regulator is a Diaphragm-Sensed Single-Stage High Purity Regulator.

## Product Features

- Single-Stage Configuration
- Metal-to-Metal Seal
- Inlet & Outlet Port Size: 1/2" NPT(F)
- 2" Pressure Gauge

## Materials

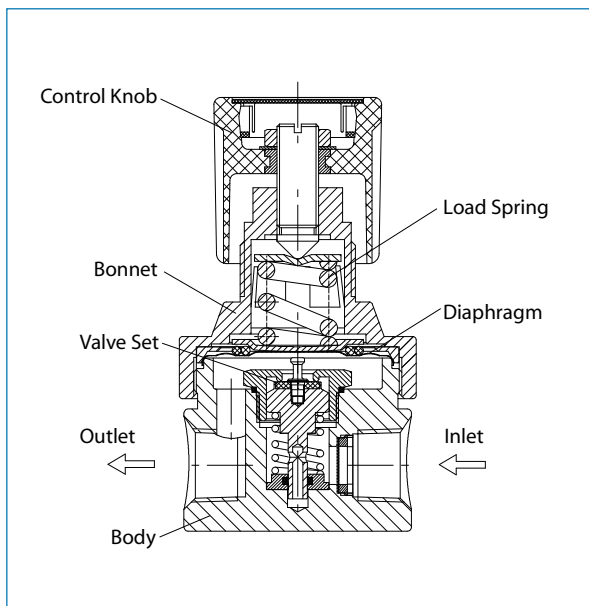
- |             |                      |
|-------------|----------------------|
| • Body      | 316L Stainless Steel |
| • Seat      | PTFE, PEEK, Vespel®  |
| • Diaphragm | 316L Stainless Steel |
| • Stem      | 316L Stainless Steel |
| • Spring    | 316L Stainless Steel |

## Applications

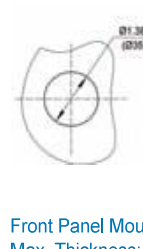
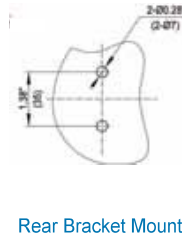
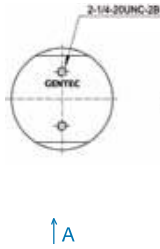
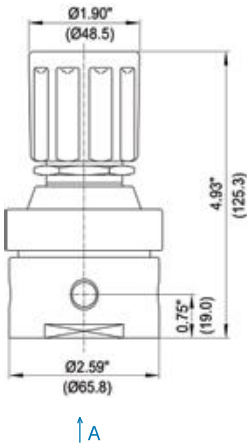
- Semiconductor Industry
- Research Laboratories
- Process Analyzer
- Gas Chromatography
- Petrochemical Industry
- Purge system

## Specifications

- **Maximum inlet pressure:** 4500 psi (310 bar)
- **Maximum outlet pressure:** 250 psi (17 bar)
- **Safety test pressure:** 1.5 x Maximum inlet pressure
- **Temperature range:** -40 to 165°F (-40 to 74°C)
- **Inboard leakage:**  $2 \times 10^{-8}$  atm.cc/sec He
- **Outboard leakage:**  $2 \times 10^{-8}$  atm.cc/sec He
- **Maximum Cv:** 1.2
- **Weight:** 2.0 lb (0.9 kg)



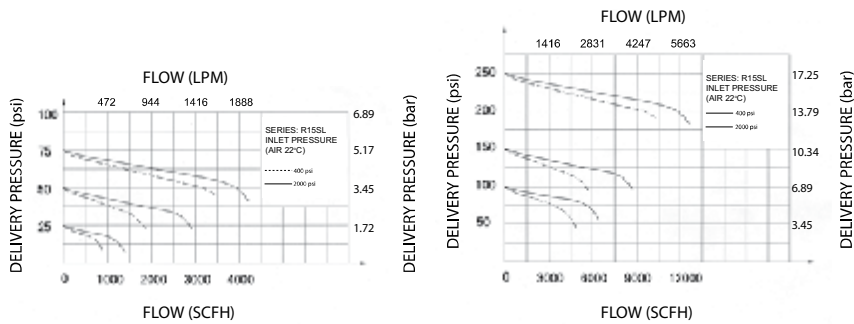
## Dimensions



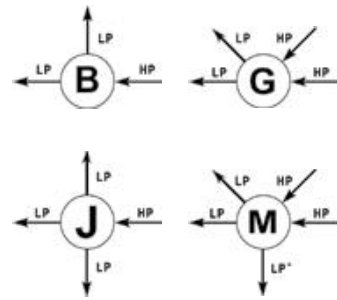
Rear Bracket Mount

Front Panel Mount  
Max. Thickness: 1/4" (7mm)

## Flow Data



## Body Port



## Ordering Information

EX:R15SL	J	T -	F	G	K -	04 -	04	
Series	Body Ports	Seat	Inlet Pressure Range	Outlet Pressure Ranges	Gauge	Inlet Connections	Outlet Connections	Options
• R15SL	B J G M	T: PTFE E: PEEK V: Vespel®	C: 4500 psi (310 bar) D: 3000 psi (206 bar) E: 1500 psi (103 bar) F: 500 psi (35 bar)	G: 0-250 psi (17 bar) H: 0-150 psi (10 bar) I: 0-100 psi (7 bar) K: 0-50 psi (3 bar) L: 0-25 psi (1.5 bar)	P: psi / bar K: psi / kPa W: No Gauge	04: 1/2" NPT(F) Other connections available*	04: 1/2" NPT(F) Other connections available*	P: Panel Mount

\*: For more options contact GENTEC.