

# R23SL SERIES

High Purity High Flow Line Regulator

Solutions for Life



» R23SLJK-DHW-06-06

GENTEC® R23 Series Regulator is a stainless steel diaphragm-sensed single-stage “High Purity-style” regulator, designed for applications where high flow is desired. Available in stainless steel.

## Product Features

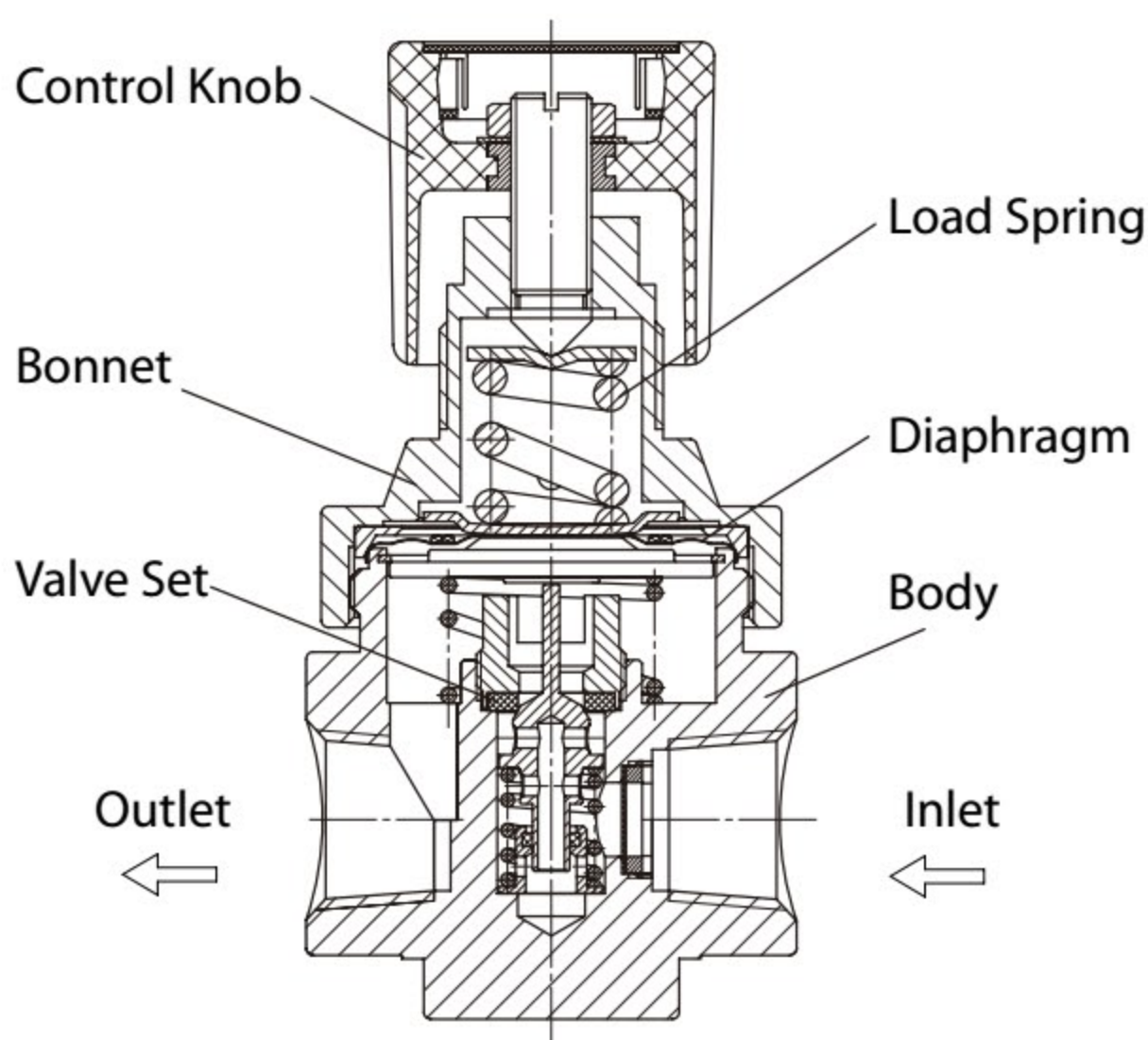
- Single-Stage Configuration
- Metal-to-Metal Seal
- Inlet & Outlet Port Size: 3/4” NPT(F)
- 2” Pressure Gauge

## Materials

- |             |                                  |
|-------------|----------------------------------|
| • Body      | 316L Stainless Steel             |
| • Seat      | PCTFE                            |
| • Diaphragm | 316L Stainless Steel, Hastelloy® |
| • Stem      | 316L Stainless Steel             |
| • Spring    | 316L Stainless Steel             |

## Applications

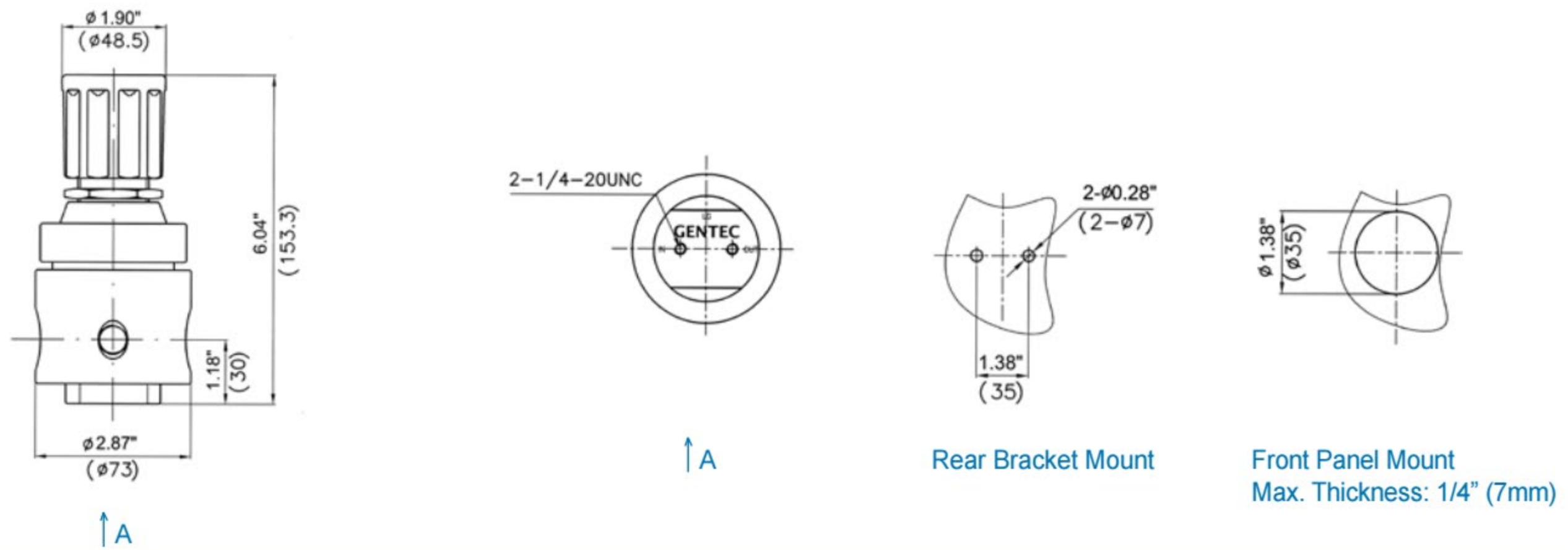
- Purging Systems
- Specialty Gas
- Pressure Control Facilities
- Gas Control Box



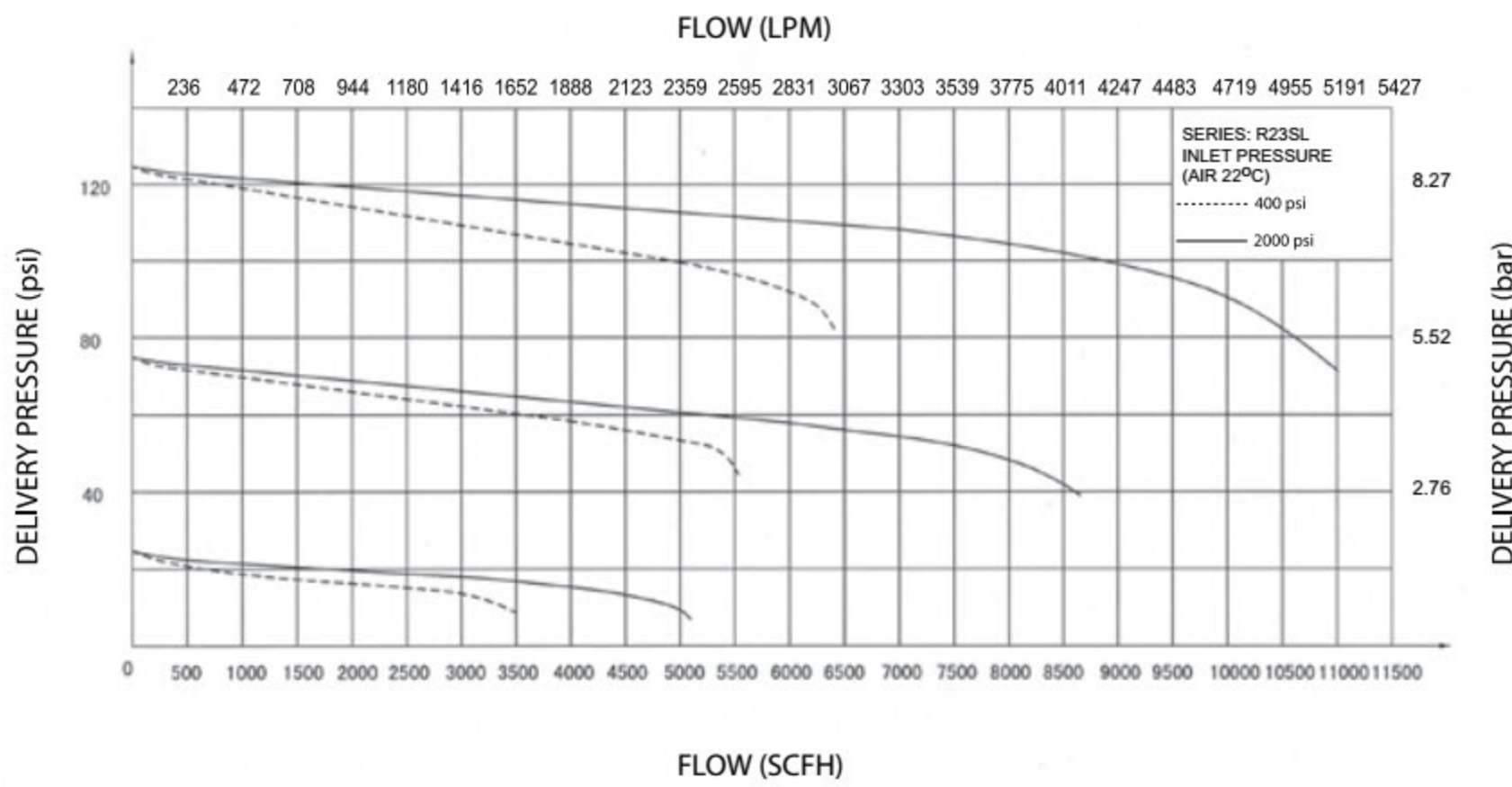
## Specifications

- Maximum inlet pressure: 3000 psi (206 bar)
- Maximum outlet pressure: 150 psi (10 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: 1.8
- Weight: 5.95 lb (2.7 kg)

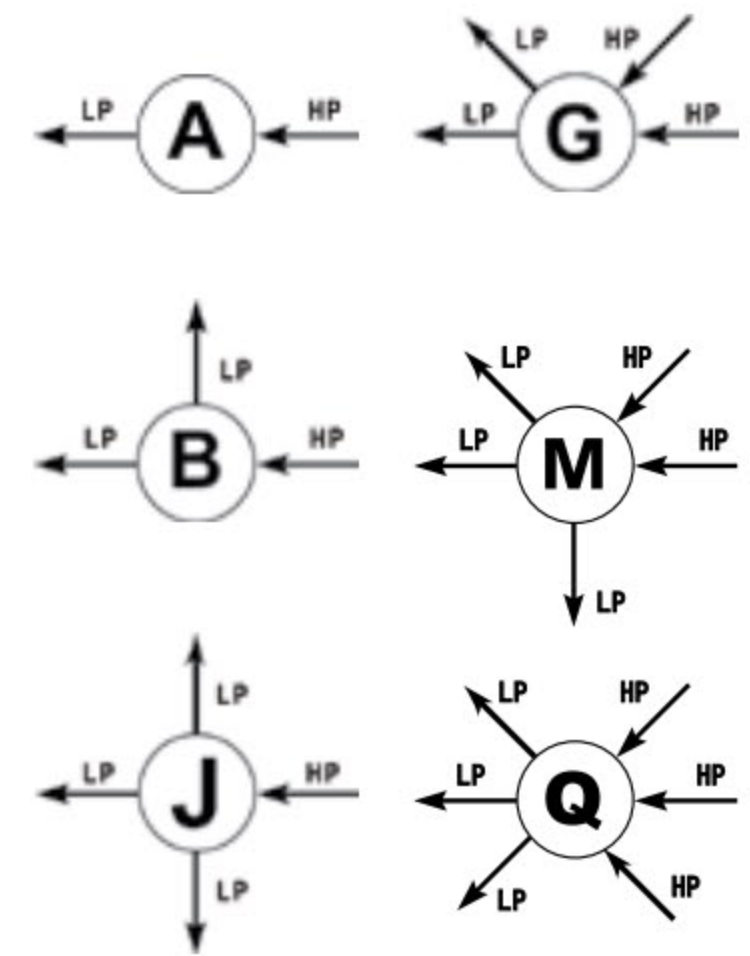
## Dimensions



## Flow Data



## Body Port



## Ordering Information

EX: R23SL	J	K -	D	I	W -	06 -	06 -	D
Series	Body Ports	Seat	Inlet Pressure Range	Outlet Pressure Ranges	Gauge	Inlet Connections	Outlet Connections	Options
<ul style="list-style-type: none"> <li>R23SL (316L)</li> <li>R23SH (Hastelloy® Diaphragm and Valve Stem)</li> </ul>	A, B, J, G, M, Q	K: PCTFE	D: 3000 psi (206 bar) F: 500 psi (35 bar)	H: 0-150 psi (10 bar) I: 0-100 psi (7 bar) J: 0-75 psi (5 bar) L: 0-25 psi (1.5 bar) M: 0-15 psi (1 bar)	W: No Gauge	06: 3/4" NPT(F) Other connections available*	06: 3/4" NPT(F) Other connections available*	P: Panel Mount H: Hastelloy® Diaphragm

\*: Please see page 83 for more inlet connection options such as DIN, BSP, CGA, and JIS.