

# R23 SERIES

Medium Flow Regulator

Solutions for Life



» R23SLJK-DHW-06-06

GENTEC® R23 Series Regulator is a 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, Vespel®
- **Diaphragm:** 316L Stainless Steel, Hastelloy®
- **Stem:** 316L Stainless Steel
- **Spring:** 316L Stainless Steel

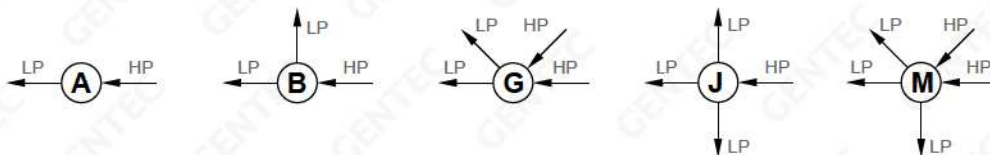
## Applications

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

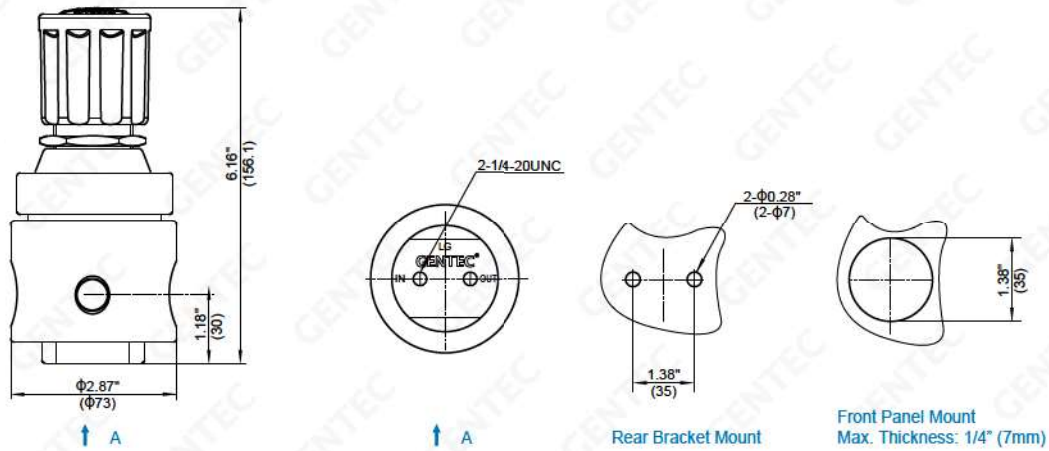
## Specifications

- **Maximum inlet pressure:** 4500 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:** 6.0 lb (2.7 kg)

## Body Port

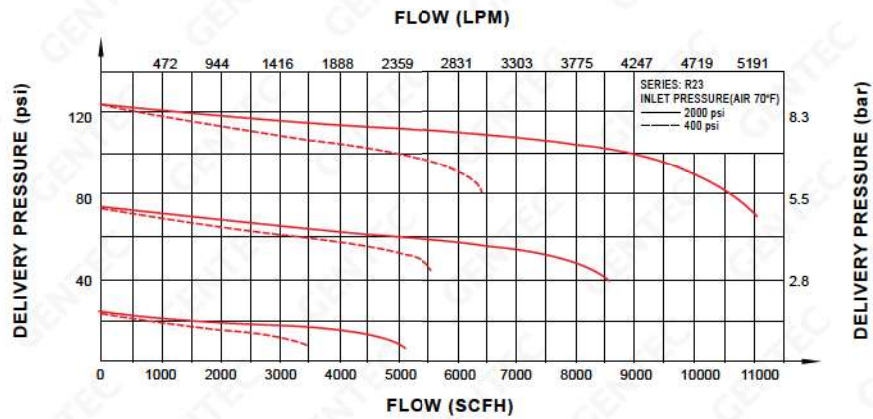


## Dimensions



Dimensions: in (mm)

## Flow Data



## Ordering Information

EX:R23SL	J	K -	D	I	W -	06 -	06 -	P
Series	Body Ports	Seat	Inlet Pressure Range	Outlet Pressure Ranges	Gauge	Inlet Connections	Outlet Connections	Options
• R23SL (316L)	A B G J M	K: PCTFE V: Vespel®	C: 4500 psi (310 bar) D: 3000 psi (206 bar) E: 1500 psi (103 bar) F: 500 psi (35 bar)	H: 0-150 psi (10 bar) J: 0-75 psi (5 bar) L: 0-25 psi (1.5 bar) M: 0-15 psi (1 bar)	P: psi / bar K: psi / kPa 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.