



RDI Engineering Pressure Regulator Key Specs.

## PRESSURE REGULATOR APPLICATION DATA

Tel: 909-260-2226  
E-mail: [info@rdiengineering.com](mailto:info@rdiengineering.com)

|          |          |                 |  |
|----------|----------|-----------------|--|
| COMPANY: |          | Tel:            |  |
| CONTACT: | (TITLE): | FAX:            |  |
| ADDRESS: |          | E-MAIL:         |  |
| DATE:    |          | QUOTE DUE DATE: |  |

## APPLICATION DETAILS: (please attach customer drawing / sketch)

|                             |             |                 |                                    |
|-----------------------------|-------------|-----------------|------------------------------------|
| Brief Description:          |             |                 |                                    |
| Program used on:            |             |                 |                                    |
| Annual quantities:          | # of years: | RFQ Quantities: |                                    |
| Is This a New Design?       | Yes         | No              | Are Modifications Possible? Yes No |
| Drawing or Sketch Attached? | Yes         | No              |                                    |

## SERVICE CONDITIONS:

|                                  |      |                 |    |                                    |              |
|----------------------------------|------|-----------------|----|------------------------------------|--------------|
| Working Pressure:                | psia | @ Temp. =       | °F | Life Expectancy:                   | yr(s)        |
| Housing Maximum Design Pressure: | psia | @ Temp. =       | °F | Media:                             |              |
| Max/Proof Pressure:              | psia | @ Temp. =       | °F | Max Temperature:                   | @ Pressure = |
| Burst Pressure:                  | psia | @ Temp. =       | °F | Min. Temperature:                  | @ Pressure = |
| Thermal Cycles:                  | 1x   | (from °F to °F) |    | External Leak rate (Max., Helium): | Std.cc/sec   |

|                                           |     |          |                    |              |           |
|-------------------------------------------|-----|----------|--------------------|--------------|-----------|
| <b>Pressure Regulator</b>                 |     |          | Single Stage       |              | Two Stage |
| <b>Primary Stage</b>                      |     | Media    |                    |              |           |
| Inlet Pressure:                           |     | psi ±    | Applied Inlet Rate | psi/min      | Slam      |
| Lockup Pressure                           |     | psi ±    |                    |              |           |
| Internal Leak rate (Max., Helium) @Lockup |     |          | Std.cc/sec         | @ Pressure = |           |
| Reg. Flow capacity, Minimum:              |     |          | lbm/sec            | SCFM         |           |
| Regulated Pressure                        |     | psi ±    |                    |              |           |
| <b>Secondary Stage</b>                    |     |          |                    |              |           |
| Inlet Pressure:                           |     | psi ±    | Applied Inlet Rate | psi/min      | Slam      |
| Lockup Pressure                           |     | psi ±    |                    |              |           |
| Internal Leak rate (Max., Helium) @Lockup |     |          | Std.cc/sec         | @ Pressure = |           |
| Reg. Flow capacity, Minimum:              |     |          | lbm/sec            | SCFM         |           |
| Shock:                                    | yes | No       | Climatic:          | yes          | No        |
| Vibration                                 | yes | No       | Specify            |              |           |
| Other Tests                               |     | Specify: |                    |              |           |

## OTHER:

|                      |                                                                                         |                                              |                          |         |          |
|----------------------|-----------------------------------------------------------------------------------------|----------------------------------------------|--------------------------|---------|----------|
| Internal Filter:     | <input type="checkbox"/> Inlet <input type="checkbox"/> Outlet <input type="checkbox"/> | Between RV & BD                              | Filter rating (microns): | Nominal | Absolute |
| Inlet ø & Type       |                                                                                         | Outlet ø & Type                              | Material:                |         |          |
| Max. desired Weight: | lbm                                                                                     | Special quality / inspection specifications: |                          |         |          |
| Other:               |                                                                                         |                                              |                          |         |          |