

PRIME MOVER™ Actuator Design Data Sheet

Senior Operations, Inc.
Senior Aerospace Metal Bellows
1075 Providence Highway
Sharon, MA 02067
Phone: (781) 784-1400
Fax: (781) 784-1405

Metal Bellows

Technical Contact: _____ Company: _____

Phone: _____ Fax: _____ Email: _____

Process Environment Requirements:

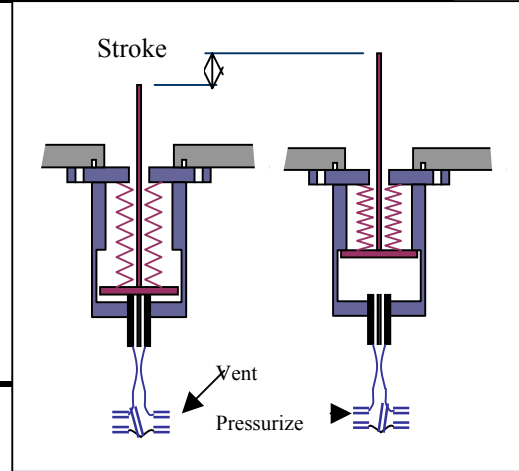
- **Chemicals**
 - Direct Contact
 - Indirect Contact
- **Temperature**
 - Max/Min Operating
 - Max/Min Non-operating

Chemicals

Max. Min

_____ °F (°C) _____ °F (°C)

_____ °F (°C) _____ °F (°C)



Actuator Stroke Requirements:

- **Total Linear Motion**
- **Stop Positional Tolerance**

_____ in(mm) ± _____ in(mm)

Down Stop ± _____ in(mm)

Up Stop ± _____ in(mm)

Actuator Envelope Dimensions:

- **Max. Diameter**
- **Max. Length**

_____ in(mm)

_____ in(mm)

Miscellaneous:

- **Position Sensors**
- **Upward Lifting Force**
- **Downward Force**
- **Actuation Time**
- **Retraction Time**
- **Life Requirement (Cycles/Years)**

NO YES Type: _____

_____ lbs(N)

_____ lbs(N)

_____ Seconds

_____ Seconds

_____ Cycles _____ Years

Preferred Materials:

- **Bellows**
- **Fittings**

Interface Requirements:

- **Flange Type**
- **Gas Fitting**

Application Information:

- **Process**
- **Prototype (qtys, schedule)**
- **Production (qtys, schedule)**
