



BELLOWS DESIGN DATA SHEET

Senior Operations, LLC
Senior Metal Bellows
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Technical contact: _____ Company: _____

Phone: _____ Fax: _____ Email: _____

Size:

- Diameters
- Length
- Area

Maximum O.D. _____ Minimum I.D. _____
 Free Length: _____ (define if assembly of bellows)
 Effective Area: _____

Operating Requirements:

- Total Stroke
- Operating Positions
- Operating Pressures

- Misalignment
- Torsional

Operating Requirements:

Total Stroke: _____ (define if assembly of bellows)
 Max. Extended Length: _____ Min. Compressed Length: _____
 Pressure Internal: _____ Pressure External: _____
 Proof Pressure: _____ Burst: _____
 Angular: _____ Parallel: _____
 Torque: _____ Cycles: _____

Functional Requirements:

- Axial Loading

- Angular Loading
- Parallel Loading
- Torsional Loading
- Leak Rate

Spring Rate: _____ Load @ Length: _____
 Force Output: _____
 Angular Rate: _____
 Parallel Rate: _____
 Torsional Rate: _____
 Mass Spectrometer Leak Rate: _____

Environmental Requirements:

- Temperature
- Media
- Contamination

Environmental Requirements:

Operating: _____ Extremes: _____
 Corrosive Gas/Liquid: _____
 Particulate: _____

Material Requirements:

- Bellows
- Fittings

(Material Preference, leave blank if none)
 Material: _____
 Material: _____

Cycle Life Requirements

- Number of Cycles
- Description of Cycles

(Deflections, Pressures, Temps)

(Cycle Life Requirements, leave blank if none)

Number of Cycles: _____
 Description of Cycles: _____

Description of Application:

