

Bellows Design Data Sheet

Metal Bellows

Technical Contact: _____ Company: _____

Phone: _____ Fax: _____

Size:	Maximum O.D. _____ Minimum I.D. _____
• Diameters	Free Length: _____ <i>(Define if assembly of bellows)</i>
• Length	Effective Area: _____
• Area	
Operating Requirements:	
• Total Stroke	Total Stroke: _____ <i>(Define if assembly of bellows)</i>
• Operating Positions	Max. Extended Length: _____ Min. Compressed Length: _____
• Operating Pressures	Pressure Internal: _____ Pressure External: _____
	Proof Pressure: _____ Burst: _____
• Misalignment	Angular: _____ Parallel: _____
• Torsional	Torque: _____ Cycles: _____
Functional Requirements:	
• Axial Loading	Spring Rate: _____ Load @ Length: _____
	Force Output: _____
• Angular Loading	Angular Rate: _____
• Parallel Loading	Parallel Rate: _____
• Torsional Loading	Torsional Rate: _____
• Leak Rate	Mass Spectrometer Leak Rate: _____
Environmental Requirements:	
• Temperature	Operating: _____ Extremes: _____
• Media	Corrosive Gas/Liquid: _____
• Contamination	Particulate: _____
Material Requirements:	<i>(Material Preference, leave blank if none)</i>
• Bellows	Material: _____
• Fittings	Material: _____
Manufacturing Requirements:	<i>(Special Manufacturing Preference, leave blank if none)</i>
• Cleaning	Passivation: _____ Other: _____
• Special Handling	Gloves: _____ Other: _____
• Special Processes	Other: _____
Description of Application:	_____ _____ _____ _____

Email: