



BELLOWS DESIGN DATA SHEET

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Senior Metal Bellows
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1. Fill out the online form
2. Download and a keep a copy for your records
3. Click "Submit to SMB" below on the downloaded form

Technical Contact: _____ Company: _____

Phone: _____ Fax: _____ Email: _____

Size: <ul style="list-style-type: none"> • Diameters • Length • Area 	Maximum O.D. _____ Minimum I.D. _____ Free Length: _____ (define if assembly of bellows) Effective Area: _____
Operating Requirements: <ul style="list-style-type: none"> • Total Stroke • Operating Positions • Operating Pressures • Misalignment • Torsional 	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: <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> • Temperature • Media • Contamination 	Operating: _____ Extremes: _____ Corrosive Gas/Liquid: _____ Particulate: _____
Material Requirements: <ul style="list-style-type: none"> • Bellows • Fittings 	(Material Preference, leave blank if none) Material: _____ Material: _____
Cycle Life Requirements <ul style="list-style-type: none"> • Description of Cycles • Cycle Life Requirements • (Deflections, Pressures, Temps) 	(Cycle Life Requirements, leave blank if none) Number of Cycles: _____ Description of Cycles: _____ _____
Description of Application:	_____ _____ _____