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Senior Aerospace Metal Bellows
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Aerospace

Metal Bellows

Bellows Design Data Sheet

Technical Contact:_____ **Company:**_____

Phone:_____ **Fax:**_____

Size:		
• **Diameters**	Maximum O.D._____	Minimum I.D._____
• **Length**	Free Length:_____	*(Define if assembly of bellows)*
• **Area**	Effective Area:_____	
Operating Requirements:		
• **Total Stroke**	Total Stroke:_____	*(Define if assembly of bellows)*
• **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:	*(Material Preference, leave blank if none)*	
• **Bellows**	Material:_____	
• **Fittings**	Material:_____	
Cycle Life Requirements:	*(Cycle Life Requirements, leave blank if none)*	
• **Number of Cycles**	Number of Cycles:_____	
• ##**Description of Cycles (Deflections, Pressures, Temps.)**	Description of Cycles_____	
Description of Application:		

Email:

Form No. 03-07 Rev. D

Submit Design Requirements