Senior Aerospace Metal Bellows

Reservoirs/Tanks/Volume Compensators Design Data Sheet

Senior Operations, Inc.
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Technical Contact:_____ **Company:**_____

Phone:_____ **Fax:**_____ **Email:**_____

▪ **Volume Required:**	_____
▪ **Volume of Fluid Displaced:**	_____
▪ **Container OD & ID:**	**OD:**_____ **ID:**_____
▪ **Envelope Height:**	_____
▪ **Bellows Pressure:**	**OD:**_____ **Max.**_____ **Min.**_____ **ID:**_____ **Max.**_____ **Min.**_____
▪ **System Pressures:**	_____
▪ **Bellows Pressure on System:**	_____
▪ **Max. Pressure at Max Volume:**	_____
▪ **Gas Pre-charge Pressure:**	_____ *(If required)*
▪ **Pressures at Fill Position:**	_____
▪ **Pressures at Expelled Position:**	_____
▪ **Pressure at Lift Off:**	_____
▪ **Burst Pressure for Container:**	_____
▪ **Proof Pressure for Container:**	_____
▪ **Burst Pressure for Bellows:**	_____
▪ **Proof Pressure for Bellows**	_____
▪ **Media:**	_____
▪ **Temperature:**	_____
▪ **Range and Conditions:**	_____
▪ **Materials Required:**	_____
▪ **Cycle Rate:**	_____
▪ **Full Stroke Cycle Life:**	_____
▪ **Partial Stroke Cycle Life:**	_____
▪ **Ullage Volume Required:**	_____
▪ **Vibrations to Consider:**	_____
▪ **G-Loads to Consider:**	_____
▪ **Flange Mounting:**	_____
▪ **Input/Output Fittings:**	_____
▪ **Weight Requirements:**	_____ **Quantity:**_____
▪ **Sensor Required:**	◯ **No** ◯ **Yes → Type Preferred:**_____
▪ **Description of Application:**	_____ _____ _____

Submit Design Requirements