

# DISC SIZING INFORMATION SHEET

## LITHIUM ION BATTERY APPLICATIONS

Type in your answers in the spaces provided or use the drop down menus for the required information

Design Variable	Value	Units
<b>Operating pressure</b>		

Pressure the system runs at under normal operating conditions

<b>Burst pressure</b>		
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Pressure the disc will burst at

<b>Operating temperature</b>		
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Temperature the system runs at under normal operating conditions

<b>Burst temperature</b>		
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Temperature the media will be at time of burst

<b>Required flow</b>		
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Quantity of volume per unit of time

<b>Flow velocity</b>		
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Speed of substance through flow area

<b>Back pressure</b>		
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Pressure on outlet side of disc

<b>Desired disc opening size</b>		
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What opening size do you believe is needed?

<b>Max. allowable footprint</b>		
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Maximum size to work with

<b>Max. protrusion allowed</b>		
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Maximum allowed protrusion from the face of the equipment

Design Variable	Answer
<b>Will the system cycle?</b>	

Will the disc see regular fluctuations of pressure?

<b>Disc material</b>	
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<b>Non-fragmenting</b>	
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Do you require a fragmenting or a non-fragmenting disc?

<b>Desired mounting</b>	
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How do you want to mount the unit onto the equipment?

<b>Estimate annual usage</b>	
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EAU

<b>Gasket material</b>	
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Required gasket material

<b>Industry certifications</b>	
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Do you require any product or industry certifications?