

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
Operating pressure		

Pressure the system runs at under normal operating conditions

Burst pressure		
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Pressure the disc will burst at

Operating temperature		
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Temperature the system runs at under normal operating conditions

Burst temperature		
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Temperature the media will be at time of burst

Required flow		
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Quantity of volume per unit of time

Flow velocity		
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Speed of substance through flow area

Back pressure		
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Pressure on outlet side of disc

Desired disc opening size		
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What opening size do you believe is needed?

Max. allowable footprint		
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Maximum size to work with

Max. protrusion allowed		
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Max allowed protrusion from the face of the equipment

Design Variable	Answer
Will the system cycle?	

Will the disc see regular fluctuations of pressure?

Disc material	
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Non-fragmenting	
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Do you require a fragmenting or a non-fragmenting disc?

Desired mounting	
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How do you want to mount the unit onto the equipment?

Estimate annual usage	
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EAU

Gasket material	
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Required gasket material

Industry certifications	
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Do you require any product or industry certifications?