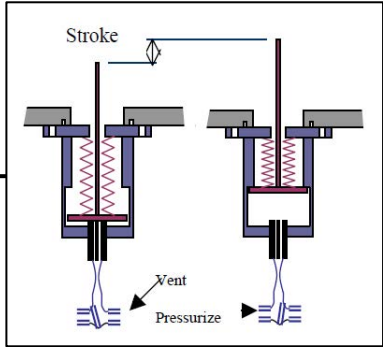


PRIME MOVER™ ACTUATOR DESIGN DATA SHEET

Technical contact: _____ Company: _____
 Phone: _____ Fax: _____ Email: _____

Process Environment Requirements: <ul style="list-style-type: none"> • Temperature <ul style="list-style-type: none"> ○ Min/Max Operating ○ Min/Max Non-Operating 	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; border-bottom: 1px solid black;">Min</th> <th style="text-align: left; border-bottom: 1px solid black;">Max</th> </tr> </thead> <tbody> <tr> <td>_____ °C</td> <td>_____ °C</td> </tr> <tr> <td>_____ °C</td> <td>_____ °C</td> </tr> </tbody> </table>	Min	Max	_____ °C	_____ °C	_____ °C	_____ °C	
Min	Max							
_____ °C	_____ °C							
_____ °C	_____ °C							
Actuator Stroke Requirements: <ul style="list-style-type: none"> • Total Linear Motion • Down Position Pin Height • Actuation Time • Retraction Time 	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>_____ mm ± _____ mm</td> </tr> <tr> <td>_____ mm ± _____ mm</td> </tr> <tr> <td>_____ seconds</td> </tr> <tr> <td>_____ seconds</td> </tr> </tbody> </table>	_____ mm ± _____ mm	_____ mm ± _____ mm	_____ seconds	_____ seconds			
_____ mm ± _____ mm								
_____ mm ± _____ mm								
_____ seconds								
_____ seconds								
Actuator Envelope Dimensions: <ul style="list-style-type: none"> • Max Diameter • Max Length • Enveloped CAD Models Available? 	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>_____ mm</td> </tr> <tr> <td>_____ mm</td> </tr> <tr> <td> <input type="checkbox"/> NO <input type="checkbox"/> YES </td> </tr> </tbody> </table>	_____ mm	_____ mm	<input type="checkbox"/> NO <input type="checkbox"/> YES				
_____ mm								
_____ mm								
<input type="checkbox"/> NO <input type="checkbox"/> YES								
Miscellaneous: <ul style="list-style-type: none"> • Min Lifting Force at Bottom of Stroke • Min Lifting Force at Top of Stroke • Life Requirement (Cycles) • RF Hot Environment (Y/N) • Minimum Available Air Pressure 	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>_____ N</td> </tr> <tr> <td>_____ N</td> </tr> <tr> <td>_____ cycles</td> </tr> <tr> <td> <input type="checkbox"/> NO <input type="checkbox"/> YES </td> </tr> <tr> <td>_____ bar</td> </tr> </tbody> </table>	_____ N	_____ N	_____ cycles	<input type="checkbox"/> NO <input type="checkbox"/> YES	_____ bar		
_____ N								
_____ N								
_____ cycles								
<input type="checkbox"/> NO <input type="checkbox"/> YES								
_____ bar								
Preferred Materials: <ul style="list-style-type: none"> • Bellows (Exposed to vacuum) • Fittings (Exposed to vacuum) • Fittings (Not exposed to vacuum) 	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>_____</td></tr> <tr><td>_____</td></tr> <tr><td>_____</td></tr> </tbody> </table>	_____	_____	_____				

Interface Requirements: <ul style="list-style-type: none"> • Mounting Flange Type • Air Fitting: Type and Size 	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>_____</td></tr> <tr><td>_____</td></tr> </tbody> </table>	_____	_____					

Application Information <ul style="list-style-type: none"> • Process/Program • Prototype (Qty's, schedule) • Production (Qty's, schedule) 	<table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td>_____</td></tr> <tr><td>_____</td></tr> <tr><td>_____</td></tr> </tbody> </table>	_____	_____	_____				

