

## SQUEEZE FILM DAMPER INQUIRY SHEET

<b>Name</b>				<b>Title</b>			
<b>Company Name</b>				<b>Date</b>			
<b>Phone</b>				<b>Fax</b>			
<b>Address</b>				<b>Email</b>			
<b>City, State, Zip</b>		City		State		Zip	
						Country	
<b>Machine Description</b>							
<b>OPERATING CONDITIONS</b>							
Load Orientation for CCW Shaft Rotation – Angle Measured in CCW Direction from Horizontal (X -axis)				Oil Type			
Load Angle (°) for Max. Load				Operating Speed ( <i>rpm</i> )		Min	Max
Frequencies to Damp for Optimum Stability ( <i>cpm</i> )				Critical Speed to Shift		Critical Speed ( <i>cpm</i> )	Shift Desired (%)
Max. Static Load				<i>lb<sub>f</sub></i>		<i>N</i>	
Journal Diameter				<i>in</i>		<i>mm</i>	
Oil Supply Pressure				<i>Psia</i>		<i>kPa</i>	
Oil Supply Temperature				<i>°F</i>		<i>°C</i>	
Desired Stiffness				<i>lb/in</i>		<i>N/m</i>	
Desired Damping				<i>lb-s/in</i>		<i>N-s/m</i>	
<b>DAMPER GEOMETRY</b>							
Damper Housing I.D.				<i>in</i>		<i>mm</i>	
Bearing Cavity Axial Fit				<i>in</i>		<i>mm</i>	
Damper Horizontally Split		Yes			No		
Impact Load and Duration		Radial	Axial	Both Radial and Axial		None	
<b>ATTACHMENTS (If available)</b>							
Sketch or Drawing of bearing housing showing envelope available Rotor geometry and bearing span, estimated aero cross-coupling, and vibration data if available Preferred anti-rotation method, instrumentation required, and exit location Other (please specify).							
<b>COMMENTS</b>							