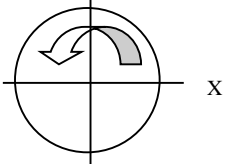






DOVER PEARLAND OPERATIONS							
<input checked="" type="checkbox"/> BPI Bearings Plus <small>A Waukesha Bearings Business</small>	<input type="checkbox"/> COOK COMPRESSION			<input type="checkbox"/> OPW			
DOCUMENT TITLE	SQUEEZE FILM DAMPER INQUIRY SHEET			DCR	DCR-0727-2015-11-06		
DOCUMENT No.	DE-BPI-CS-FR-0015	REV	01	DATE	11/6/2015	TIER	4

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SQUEEZE FILM DAMPER INQUIRY SHEET

Name						Title			
Company Name						Date			
Phone						Fax			
Address						Email			
City, State, ZIP		City		State		ZIP		Country	
Machine Description									
Industry		Choose an item.			Project Name				
OPERATING CONDITIONS									
Load Orientation for CCW Shaft Rotation – Angle Measured in CCW Direction from Horizontal (X-axis)						Lubricant Type			
Load Angle (°) for Max. Load						Operating Speed (rpm)			
						Min		Max	
Direction of Shaft Rotation		<input type="checkbox"/> CW or <input type="checkbox"/> CCW As viewed from							
Frequencies to Damp for Optimum Stability (cpm)						Critical Speed to Shift			
						Critical Speed (cpm)		Shift Desired (%)	
Max. Static Load						<i>lb_r</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>
DAMPER GEOMETRY									
Damper Housing I.D.						<i>in</i>			<i>mm</i>
Bearing Cavity Axial Fit						<i>in</i>			<i>mm</i>
Damper Split		<input type="checkbox"/> Yes <input type="checkbox"/> No							
Impact Load and Duration		<input type="checkbox"/> Radial <input type="checkbox"/> Axial <input type="checkbox"/> Both Radial and Axial <input type="checkbox"/> None							

							
<input checked="" type="checkbox"/>  A Waukesha Bearings Business		<input type="checkbox"/> 			<input type="checkbox"/> 		
DOCUMENT TITLE		SQUEEZE FILM DAMPER INQUIRY SHEET			DCR	DCR-0727-2015-11-06	
DOCUMENT No.		DE-BPI-CS-FR-0015		REV 01	DATE 11/6/2015	TIER 4	

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ATTACHMENTS
<ul style="list-style-type: none"> <input type="checkbox"/> Sketch or drawing of bearing housing showing envelope available <input type="checkbox"/> Rotor geometry and bearing span, estimated aero cross-coupling, and vibration data, if available <input type="checkbox"/> Preferred anti-rotation method, instrumentation required, and exit location <input type="checkbox"/> Other (please specify):
COMMENTS