



ACTIVE MAGNETIC BEARING INQUIRY SHEET

Name					Title					
Company Name					Date					
Phone					Fax					
Address					Email					
City, State, Zip	City		State		Zip		Country			
APPLICATION INFORMATION										
Machine Description				Service				Power (kW)		
Usage				Industry				Est. Qty.		
Bearings	<input type="checkbox"/> Radial AMB-1			<input type="checkbox"/> Radial AMB-2			Relative Position			
	<input type="checkbox"/> Axial AMB									
Current Problems										
Solution Priority 1 = High Priority 6 = Low Priority	Rank 1 To 6	Cost:	Delivery Time:	Load Capacity:	Envelope:	Vibration:				
	Details									
OPERATING CONDITIONS										
Operating Speed (rpm)				Rotor Weight Split (kg)			Shaft Orientation			
Min	Design	Max. Continuous	Overspeed							
Additional Bearing Static Loads				Additional Bearing Dynamic Loads						
	Design		Maximum			Magnitude		Frequency		
Radials (AMB-1/2)		<i>N</i>		<i>N</i>	Radials (AMB-1/2)		<i>N</i>		<i>Hz</i>	
Axial		<i>N</i>		<i>N</i>	Axial		<i>N</i>		<i>Hz</i>	
Unbalance Level				Rotor Type						
Bearing Span (expected)				<i>mm</i>	Rotor Length (exp.)				<i>mm</i>	
AMB Cooling	Cooling Gas Type						Certification	Zone Classification for AMB		
	Cooling Gas Composition							Zone Class. Outside Machine		
	Cooling Gas Pressure			<i>kPa</i>				Expected EEx- Protection		
	Cooling Gas Temperature			<i>°C</i>				Certification Requirements		
BEARING DESIGN										
				Radial			Axial			
Bearings Type										
Underlying Shaft Diameter (mm)				<i>min</i>		<i>max</i>	<i>min</i>		<i>max</i>	
Maximum Rotor Lamination / Collar OD				<i>mm</i>			<i>mm</i>			
Maximum Bearing Housing Outer Diameter				<i>mm</i>			<i>mm</i>			
Mounting										
Environment Compatibility										



TOUCHDOWN BEARINGS							
Supplied by (Vendor/Customer)					Type		
Machine Minimum Radial Clearances (<i>mm</i>)					Min Required Rotor Drops		
CONTROL CABINET							
Control Cabinet Location					Min Required IP Rating		
Installation Environment		Temperature (°C)		Min, °C	Max, °C	Humidity (%)	
Distance from machine - Cable Length (<i>m</i>)					Area Classification		
Cabinet Size Restrictions (if any) (<i>m</i>)					Cabinet Weight Restrictions (if any) (<i>kg</i>)		
Available Power Supplies		Voltage (V)		AC/DC	Voltage (V)		AC/DC
UPS					Hold-up Time (<i>min</i>)		
Certification Requirements					Control Logic Interface		
INSTRUMENTATION							
Speed Sensors					Number of speed sensors		
Temperature Sensors					Customer position sensors		
APPLICABLE STANDARDS							
<input type="checkbox"/> API 617 <input type="checkbox"/> ISO 14839 <input type="checkbox"/> OTHERS							
ATTACHMENTS							
COMMENTS							