



ACTIVE MAGNETIC BEARING INQUIRY SHEET

Name									Title		<u> </u>					
Company Name										Date						
Phone										Fax						
Address									1	Email						
City, State, Zip			City					State			Zip		Countr	у		
					PLICA	TION I	NFO	RMATION		,						
Mad	chine Desc					Service					Power (kW)					
Usage							Industry			/				Est. Qty.		
Bearings			□ Ra	adial	AMB-			Radial AMB-2								
			☐ Axial AMB						Relative Position							
Cur	rent Proble	ems														
Solution Priority 1 = High Priority 6 = Low Priority			Rank 1 To 6 Cost:				Delivery Time:			e: Load Capacity: Env			relope: Vibration:			
			Details													
OPERATING CONDITIONS																
Oper			rating Speed (rpm)							Rotor V	t Split (kg)	plit (<i>kg</i>) Sha		aft Orientation		
Min Desi			gn Max. Continuous			Overspeed										
	•	I Daa		01-1:-					A .1 .1	:4:	. I Daniin n	D				
Additional Be				Bearing Static Loads Design Maximum						Add	Dynamic Loads ude Frequency					
Dadiala (AMD 4/2)			Design N			viaxiiiiu	N	Radials (AMB-1/2			Magriitt	Magnitude N		Hz		
Radials (AMB-1/2) Axial					N			N	Axi	•	1/2)		N			Hz
Unbalance Level			14				Rotor Type					14			112	
Bearing Span (expecte			ed)				mm		tor Length (exn)					mm	
Cooling Gas Type							111				tion for AMI	В			111111	
			position										side Machine			
Cooling Gas Comp Cooling Gas Press Cooling Gas Temp							kPa kPa					Protection				
Cooling Gas Temp								∞	S	Certification	tion Requirements					
BEARING DESIGN																
					Ra			ıdial		Axial						
Bearings Type																
Underlying Shaft Diameter (mm)							min	max		x	min	•		max		
Maximum Rotor Lamination / Collar OD								mm		n				mm		
Maximum Bearing Housing Outer Diameter									mn	n				mm		
Mounting																
Environment Compatibility																



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ISO 9001 CERTIFIED CONTROL OF CON

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TOUCHDOWN BEARINGS												
Supplied by (Vendor/Customer)												
Machine Minimum Radial Clearances (mm)				Min Required Rotor Dro								
CONTROL CABINET												
Control Cabinet Location					Min Required IP Rating							
nstallation Environment Temperature (°C			Min, °C Max, °C			Hur	lumidity (%)					
le Length (<i>m</i>)		Area Classification										
Cabinet Size Restrictions (if any) (m)				Cabinet Weight Restrictions								
Voltage (V)		AC/DC Voltage (V)		ltage (V)			AC/DC					
		Hold-up Time (min)										
		Control Logic Interface										
INSTRUMENTATION												
		Numb	ber of speed sensors									
		Customer position sensors										
Temperature Sensors Customer position sensors APPLICABLE STANDARDS												
□ API 617 □ ISO 14839 □ OTHERS												
COMMENTS												
	er) arances (mm) Temperature (°C) le Length (m) any) (m) Voltage (V)	Temperature (°C) le Length (m) voltage (V) INSTRUM APPLICABLE SO 14839	er) arances (mm) CONTROL CABI Min R Temperature (°C) Min, ° Ile Length (m) Area any) (m) Cabir Voltage (V) AC/ Hold- Contr INSTRUMENTAT Numb Custo APPLICABLE STAN SO 14839 TOTHERS	Type arances (mm) CONTROL CABINET Min Require Temperature (°C) Min, °C Area Classif any) (m) Cabinet We Voltage (V) AC/DC Hold-up Tim Control Logi INSTRUMENTATION Number of s Customer po APPLICABLE STANDARD SO 14839 Type Min Require APPLICABLE STANDARD SO 14839	Type arances (mm) CONTROL CABINET Min Required IP F Temperature (°C) Min, °C Ie Length (m) Area Classification any) (m) Cabinet Weight R Voltage (V) AC/DC Hold-up Time (min Control Logic Inte INSTRUMENTATION Number of speed Customer position APPLICABLE STANDARDS SO 14839 OTHERS	Type Arances (mm) CONTROL CABINET Min Required IP Rating Temperature (°C) Min, °C Max, °C Area Classification Cabinet Weight Restrictions (AC/DC Voltage (V) Hold-up Time (min) Control Logic Interface INSTRUMENTATION Number of speed sensors Customer position sensors APPLICABLE STANDARDS SO 14839 Type Min Required Rotor Dr. Max, °C Max, °C Area Classification Cabinet Weight Restrictions (Voltage (V) Hold-up Time (min) Control Logic Interface	Type arances (mm) Min Required Rotor Drops CONTROL CABINET Min Required IP Rating Temperature (°C) Min, °C Max, °C Hur Area Classification Cabinet Weight Restrictions (if any Voltage (V) Hold-up Time (min) Control Logic Interface INSTRUMENTATION Number of speed sensors Customer position sensors APPLICABLE STANDARDS SO 14839 OTHERS	Type arances (mm) Min Required Rotor Drops CONTROL CABINET Min Required IP Rating Temperature (*C) Min, *C Max, *C Humidity (%) Ie Length (m) Area Classification Cabinet Weight Restrictions (if any) (kg) Voltage (V) Hold-up Time (min) Control Logic Interface INSTRUMENTATION Number of speed sensors Customer position sensors APPLICABLE STANDARDS SO 14839				