

THRUST BEARING INQUIRY SHEET

Name				Date						
Title				Phone						
Company Name				Fax						
Address				Email						
City, State, Zip		City		State		Zip				
						Country				
APPLICATION INFORMATION										
Machine Description										
Usage		New Product	Retrofit	Prototype	Other:	Est. Qty.				
Current Bearing Style										
Current Problems										
Solution Priority 1 = High Priority 6 = Low Priority		Rank 1 Thru 6	Cost:	Life:	Power Loss:	Temp:	Vibration: Other:			
		Details								
OPERATING CONDITIONS										
Operating Speed (rpm)				Shaft Rotation		Shaft Orientation				
Min		Design		Max		Runner Material				
						Bi-directional				
						Horizontal				
						Vertical				
Direction of Shaft Rotation			CW or CCW as viewed from							
Main Thrust Load				Reverse Load		Start-Up Load				
Min		Design		Max						
Lubricant	Type						Oil Supply	Type		
	Or	API Gravity						Pressurized Directed		
		Viscosity	Temp1		Visc1			Flooded		
			Temp2		Visc2					
Runner Misalignment										
Bearing Misalignment										
BEARING GEOMETRY										
Bearing Type		Flexure Pivot™		Tilt Pad	Taperland	Flat Plate	Not Sure			
Are equalizing levels required?		Yes		No						
Are temperature sensors required?		Yes		No						
If Yes:		Thermocouples or		RTD's?	How many per thrust face?					
Is thrust load measurement required?		Yes		No						
Is axial clearance or shaft position adjustment required?		Yes		No	Shims?	Yes	No			
Bearing Horizontally Split		Yes		No						
Shaft Diameter at the Bearing Location				in			mm			
Runner Thickness				in			mm			
Thrust Bearing Outer Diameter				in			mm			
Bearing Overall Height				in			mm			

ATTACHMENTS

Sketch or drawing of bearing housing

Other (please specify):

COMMENTS