

the past few months:

BEARING DESIGN CHECKLIST (BDC)

WUL	Reference Project:	Date:
Distributor /Branch	Contact	
Customer	Contact	
City	State	
Phone	Fax	
Email		
Application Da	ta	
• •		
Do any of these conditions exist?	What type of drive	
□ Modular Belt	is being used? Roller Chain	
☐ Tensioned Flat Belt	☐ Direct Couple	
☐ Screw Auger	☐ Timing Belt /HTD Belt	
Overhung Load	□ V-Belt	
☐ Trunnion	☐ Line Shaft	
□ USDA/FDA Inspection	☐ Hydraulic Motor	
☐ Indirect Food Contact	□ Slave Drive	
☐ Direct Food Contact	Variable Frequency Drive	
□ Wash Down	☐ Supported Shaft	
□ Submersion	Mount Reducer	
□ Chemical	☐ Unsupported Shaft	Bearing Data
 Abrasive Material 	Mount Reducer	Dearing Data
□ Vibration/Impact	□ Idler	☐ Mounted ☐ Type "E" or Roller ☐ Thrust
Bearing for: □ New machine	□ Retrofit	☐ ER ☐ Unmounted/Radial ☐ Roll End
How long is current bearing lasting? (Estimated life)		Shaft Diameter:
Weeks: Months: _	Years:	Shaft RPM:
Is a drawing of current system available?		Estimated Load/Bearing:
		Temp. around bearing:
		Shaft direction: Horizontal Vertical Inclined
Will existing housing be re-used? ☐ Yes ☐ No		Type of motion: □ Radial motion □ Linear motion
Has a plane bearing been tried previously? ☐ Yes ☐ No		□ Expansion □ Intermittent □ Reversing □ Frequent stop/start
		Self-alignment required? □ Yes □ No
		Split housing required? ☐ Yes ☐ No
		Part # of existing bearing:
		Style of housing:
	vith bearing performance questions)	It is extremely helpful if you can provide information about the chemicals that the bearing is subjected to in operation or in

It is extremely helpful if you can provide information about the chemicals that the bearing is subjected to in operation or in cleaning. Please send MSDS if at all possible, or at least a list of the solutions that come in contact with the bearing(s).