





<input checked="" type="checkbox"/> A Waukesha Bearings Business		<input type="checkbox"/>			<input type="checkbox"/>		
DOCUMENT TITLE		RADIAL BEARING INQUIRY SHEET			DCR	DCR-0730-2015-11-06	
DOCUMENT No.		DE-BPI-CS-FR-0018		REV 01	DATE 11/6/2015	TIER 4	

Bearings Plus • 11951 North Spectrum Blvd • Houston, TX 77047 • USA
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RADIAL BEARING INQUIRY SHEET

Name				Date						
Title				Phone						
Company Name				Fax						
Address				Email						
City, State, ZIP		City		State		ZIP				
						Country				
APPLICATION INFORMATION										
Machine Description										
Industry		Choose an item.		Project Name						
Usage		<input type="checkbox"/> New Product <input type="checkbox"/> Retrofit <input type="checkbox"/> Prototype <input type="checkbox"/> Other:					Est. Qty.			
Current Bearing Style										
Current Problems										
Design Priority		Rank 1 Thru 6	Cost	Life	Power Loss	Temp	Vibration			
1 = High Priority 6 = Low Priority		Details								
OPERATING CONDITIONS										
Operating Speed (rpm)				Shaft Rotation		Shaft Orientation				
Min	Design		Max	<input type="checkbox"/> Uni-directional <input type="checkbox"/> Bi-directional		<input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical				
Radial Bearing Load				Load Orientation Angle (°) at Max. Load	Load orientation measured for CCW rotation & CCW from the horizontal X-axis					
Min	Design		Max							
	<i>lb_r</i>		<i>lb_r</i>						<i>lb_r</i>	
	<i>N</i>		<i>N</i>		<i>N</i>					
Direction of Shaft Rotation			<input type="checkbox"/> CW or <input type="checkbox"/> CCW as viewed from							
Lubricant	Type						<input type="checkbox"/> Pressurized <input type="checkbox"/> Flooded			
	Or	API Gravity						Directed		
		Viscosity	Temp1		Visc1		Pressure	<i>psig</i>		<i>kPa</i>
			Temp2		Visc2		Temp.	<i>°F</i>		<i>°C</i>
BEARING GEOMETRY										
Bearing Type			<input type="checkbox"/> Flexure Pivot® <input type="checkbox"/> Tilt Pad <input type="checkbox"/> Sleeve <input type="checkbox"/> Not Sure							
Bearing Split			<input type="checkbox"/> Yes <input type="checkbox"/> No							
Shaft Diameter w/ Tolerance					<i>in</i>			<i>mm</i>		
Bearing Housing Fit Diameter w/ Tolerance					<i>in</i>			<i>mm</i>		
Bearing Housing Axial Fit w/ Tolerance					<i>in</i>			<i>mm</i>		

							
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ATTACHMENTS
<input type="checkbox"/> Preferred anti-rotation method and location <input type="checkbox"/> Sketch or drawing of bearing housing showing available envelope <input type="checkbox"/> Rotor dimensional drawing or mass-elastic data (if requesting rotordynamic analysis) <input type="checkbox"/> Other (please specify):
COMMENTS