



Innovative technologies and Advanced materials in fluid film bearing

PIK Diad Ltd.

www.pik-diad.ru

JOURNAL(RADIAL) BEARING INQUIRY SHEET

Fill in active fields, save copy and sent to info@pik-diad.com with your request.

CONTACT DETAILS															
Name				Date											
Title				Phone											
Company name				Email											
Address				Country											
City				State				ZIP							
APPLICATION INFORMATION															
Machine description						Project name									
Usage	New Product		Retrofit		Prototype		Other		Est. Qty.						
Current bearing style															
Current issues															
Design priority, rank		Cost:		Life:		Power Loss:		Temperature:		Load:					
1=Low; 5=High		Details													
OPERATING CONDITIONS															
Operating Speed (rpm)						Rotor rotation				Rotor orientation					
min		design		max		<input type="checkbox"/> Uni-directional <input type="checkbox"/> Bi-directional				<input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical					
Direction of rotor rotation			CW		CCW	as viewed from:									
Journal bearing load						Reverse load				Start-up load					
min		design		max											
N		N		N		N				N					
Lubricant	Type								Lubricant Supply	Type		Pressurised Directed		Flooded	
	API gravity									Pressure		kPa			
	Viscosity		Temp.1		Visc.1					Temperature		°C			
			Temp.2		Visc.2										
BEARING GEOMETRY															
Bearing type			Tilt Pad		Fixed Profile		Sleeve		Other						
Temperature sensor?			No		Yes (provide installation sketch)										
If yes, provide type			RTD		Thermocouple		Quantity per journal bearing								
Split bearing?			Yes		No										
Rotor diameter at bearing?												mm			
Bearing housing diameter?												mm			
Bearing housing axial?												mm			



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ATTACHMENTS
<input type="checkbox"/> Sketch, design or drawing of bearing <input type="checkbox"/> Sketch, design or drawing of bearing instrumentation(temperature, thrust load, etc.) <input type="checkbox"/> Sketch, design or drawing of bearing lubrication oil supply <input type="checkbox"/> Other, please specify
COMMENTS
<p>Please specify any additional bearing design requirements. For instance - instrumentation, seals, oil supply and drain if applicable. Also, if applicable, please provide detailed description of existing bearing design and existing issues.</p> <p>Please provide contact details of engineering personal in case additional information required</p>