

BRUSH SEAL INQUIRY SHEET

Name					Title			
Company Name					Date			
Phone					Fax			
Address					Email			
City, State, Zip	City		State		Zip		Country	
GENERAL INFORMATION								
Type of Equipment				Equipment Use				
Equipment Status (new design, in-production, upgrade)								
Equipment Make and Model								
Estimated Annual Seal Demand (New Builds/Field Units)								
Date Hardware Required								
Key Project Dates								
APPLICATION DETAILS								
Provide drawing or define available axial and radial space for seal								
Provide cross section of equipment showing flow direction and proposed seal location(s)								
Housing Material								
Rotor Material								
Rotor Diameter-Tolerance								
Rotor Speed								
Critical Speeds								
Rotor Centrifugal Growth								
Rotor maximum transverse excursions (additional to thermal and centrifugal)								
Rotor Coating								
Housing Concentricity to Rotor								
Type of Bearing								
OPERATING CONDITIONS								
Upstream Pressure (min/nom/max)								
Downstream Pressure (min/nom/max)								
Temperature Upstream (min/nom/max)								
Temperature Downstream (min/nom/max)								

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ADDITIONAL DETAILS	
Fluid being sealed	
Type of seals currently being used and leakage rate	
Desired leakage rate	
Desired seal life	
Direction of rotation (viewed in direction of flow)	
Split or Non Split Assembly	
Reverse Rotation Possibility	
COMMENTS	
<p>Describe any unique operating conditions that should be considered in designing the seal (e.g. fast start, reverse rotation, reverse pressurization, pressure/flow slugs, etc.)</p>	