



More than a Seal. A Bond.



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Name: \_\_\_\_\_

email: \_\_\_\_\_

Project Name: \_\_\_\_\_

Company: \_\_\_\_\_

New Project: **OR**  Improve Current Seal

Describe \_\_\_\_\_

Timeline Concept By: \_\_\_\_\_ Protos By: \_\_\_\_\_

Units/Volume a Full Run: \_\_\_\_\_ Validation Completed By: \_\_\_\_\_ Launch Date: \_\_\_\_\_

**Critical Performance Characteristics / Problem to Solve:**

Darcoïd Contact: \_\_\_\_\_

Media being sealed: \_\_\_\_\_

**Design: Seal Orientation**

Rod/Female  Piston/Male  Face  Crush/Boss

**Gland/Groove**  Split  Open  Solid (typical)  Stepped  Dovetail  Advice required

	Nominal	+/- Tol	Material	Finish (pin.Ra)	Hardness, RC	Coating
Ø Gland ID	_____	_____	_____	_____	_____	_____
Ø Bore/Gland OD	_____	_____	_____	_____	_____	_____
Ø Rod Bore Dia.	_____	_____	<b>What hardware modifications allowed? / Total seal package dims. envelope</b>			
Piston Bore Dia.	_____	_____	_____			
Extrusion Gap	_____	_____	_____			
Step Height	_____	_____	_____			
Gland Width	_____	_____	_____			
Ø Rod Shaft Dia.	_____	_____	_____			
Ø Gland Depth	_____	_____	_____			
Shaft Runout (TIR)	_____	_____	_____			
Side Load (lbs)	_____	_____	_____			

**Operating Conditions:**

Static  Reciprocating

Rotary - partial  Rotary - full

	Units	Min	Operating	Max
Pressure	_____	_____	_____	_____
Vacuum	_____	_____	_____	_____
Temperature	_____	_____	_____	_____
Cycle Rate	_____	_____	_____	_____
Stroke Length	_____	_____	_____	_____
RPM	_____	_____	_____	_____
Velocity	_____	_____	_____	_____
Rotation	_____	_____	_____	_____

