

Engineering Action Request Form

Company: _____ Contact: _____
 Address (1): _____ Title: _____
 Address (2): _____ Telephone: _____ Ext.: _____
 City: _____ Facsimile: _____
 State: _____ Zip Code: _____ Email: _____

Equipment: _____ Part No.: _____
 Existing Seal: _____
 Problem: _____
 Current Price: \$ _____ @ _____ pcs. Usage/yr: _____ Planning Test? Yes No
 Target Price: \$ _____ @ _____ pcs. Quote Qty: _____ Proto Qty: _____ Date Required _____

Operating Conditions Static Reciprocating Rotary Oscillatory

Unit (Check One)	Minimum	Operating	Maximum	Media to be sealed
Pressure: PSI <input type="checkbox"/> Bar <input type="checkbox"/>	_____	_____	_____	_____
Vacuum: torr <input type="checkbox"/> in.Hg <input type="checkbox"/>	_____	_____	_____	_____
Temperature: ° F <input type="checkbox"/> ° C <input type="checkbox"/>	_____	_____	_____	_____
Cycle Rate: /min. <input type="checkbox"/> Hz <input type="checkbox"/>	_____	_____	_____	_____
Stroke Length: inch <input type="checkbox"/> mm <input type="checkbox"/>	_____	_____	_____	_____
RPM: deg. <input type="checkbox"/> rad. <input type="checkbox"/>	_____	_____	_____	<input type="checkbox"/> Unidirectional pressure
Velocity: ft/min. <input type="checkbox"/> m/sec. <input type="checkbox"/>	_____	_____	_____	<input type="checkbox"/> Bidirectional pressure
Rotation: deg. <input type="checkbox"/> rad. <input type="checkbox"/>	_____	_____	_____	

Gland Design Seal Type: Rod/shaft Seal Piston Seal Internal Face External face

Gland type: Spit Gland Open Gland Solid Gland Stepped Gland

	Minimum	Maximum	Material	Finish (uin. Ra)	Hardness, RC	Coating
ØA Rod / Gland ID	_____	_____	_____	_____	_____	_____
ØB Bore / Gland OD	_____	_____	_____	_____	_____	_____
Rod Bore Dia	_____	_____	_____	_____	_____	_____
Piston Bore Dia	_____	_____	_____	_____	_____	_____
Gland Width	_____	_____	_____	_____	_____	_____
Gland Depth	_____	_____	_____	_____	_____	_____
Extrusion Gap	_____	_____	_____	_____	_____	_____
Step Height	_____	_____	_____	_____	_____	_____
Shaft Runout (TIR)	_____	_____	_____	_____	_____	_____
Side Load (lbs):	_____	_____	_____	_____	_____	_____

What modifications to the hardware are permitted?

Performance Requirements

Breakout friction/torque: _____ Expected life: _____
 Running friction/torque: _____ Most critical aspect: _____
 Allowable leakage: _____ Other: _____

