

Sheet 1 of _____

EAR No. _____

Application (New, Existing)

Customer (New, Existing)

Product: _____ SES _____ RLS
_____ EES _____ Mach. Comp.
_____ Drawing Change
_____ New Design

Written By _____ Date _____

CUSTOMER INFORMATION

Cust. No. _____

P/N _____

Customer P/N _____

Cust. Dwg. No. _____

Company _____

Street _____

City _____ ST ____ Zip _____

Country _____

Engineer Contact _____

Email _____

Tel. No. _____

Purchasing Contact _____

Email _____

Tel. No. _____

SEAL STYLE AND MATERIAL

Similar to Part Number _____

Seal Type _____

Sealing Element Material _____

Energizing Material _____

Seal Case Material _____

Back-up Ring Material _____



SPECIALTY FLUID
COMPONENTS MANUFACTURING

Engineering Action Request Form
ISO 9001 Certified

7181 Old Highway 105 West, Conroe, TX 77304

Phone: (832) 813-8405 Fax: (832) 663-9663

SALES ACTION Date Req'd. _____

Quote Qtys. Of _____

Quote By (Phone, Email) _____

ENGINEERING ACTION Date Req'd. _____

Device Sealed _____

Date Proto's Required

Target Price \$ _____

Send Copies by (Method) _____

To Whom _____

Is there a source or spec control drawing?

_____ YES _____ NO

Required: _____ Cust. Dwg. _____ Inspection Dwg.

_____ Mfg. Dwg. _____ Sketch

_____ Quote _____ Proposal Dwg.

Enclosures: _____ Hardware _____ Hardware Dwg.

NOTES: _____

OPERATING CONDITIONS

	UNIT			Minimum	Operating	Maximum
#	___ °K	___ °F	___ °C	_____	_____	_____
Pressure:	___ PSI	___ Bar	___ MPa	_____	_____	_____
Stroke Length:	___ inch	___ mm		_____	_____	_____
Cycle Rate:	___ /min	___ /hr	___ Hz	_____	_____	_____
Oscillatory:	___ deg.	___ rad.		_____	_____	_____
Vacuum:	___ in.Hg	___ torr		_____	_____	_____
Velocity	___ ft/min.	___ m/sec.		_____	_____	_____
RPM				_____	_____	_____

Shaft Rotation: (as viewed from air side or low pressure side of seal) ___ cw ___ ccw

PV (psi-ft/min, MPa-m/sec) _____

Proof Pressure (units) _____

Burst Pressure (units) _____

Allowable Leakage (units) (drops, cc/mm) _____

Media to be sealed _____

Friction: ___ lbs. ___ oz. ___ gms Breakout: _____ Dynamic: _____

Torque: ___ ft-lbs ___ in-oz ___ gm-cm Breakout: _____ Dynamic: _____

Life Requirement (cyc., hrs., yrs.) _____

Duty Cycle _____

Type of seal evaluation: ___ Bench ___ Field ___ Both ___ Explain

Most critical performance criteria: _____

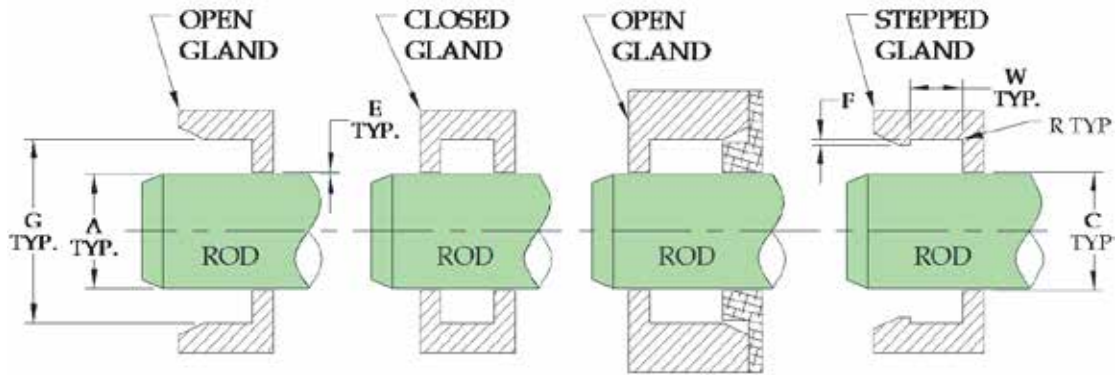
Contamination (type): _____

Seal Type (Rod, Piston, Face): _____

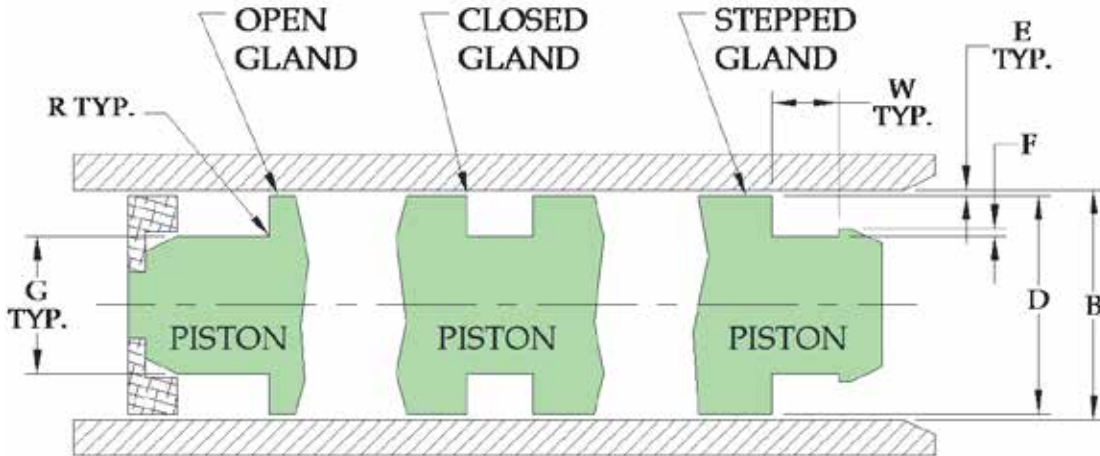
GLAND SPECS	Minimum	Maximum	Material	Finish	Hardness	Coating
A Rod Diameter	_____	_____	_____	_____	_____	_____
B Bore Diameter	_____	_____	_____	_____	_____	_____
G Groove Diameter	_____	_____	_____	_____	_____	_____
C Rod Bore	_____	_____	_____	_____	_____	_____
D Piston Diameter	_____	_____	_____	_____	_____	_____
J Gland O.D.	_____	_____	_____	_____	_____	_____
K Groove I.D.	_____	_____	_____	_____	_____	_____
L Groove Depth	_____	_____	_____	_____	_____	_____
W Groove Width	_____	_____	_____	_____	_____	_____
R Groove Radii	_____	_____	Can hardware be changed? ___ Yes ___ No			
E Extrusion Gap	_____	_____	How? _____			
F Step Height	_____	_____	Gland Type:		METRIC:	
Runout (TIR)	_____	_____	___ Split	___ Open	___ Solid	___ Yes
Sideload (lbs, Newtons)	_____	_____	___ Stepped	___ Irregular		___ No

SEAL HARDWARE NOMENCLATURE

ROD SEALS



PISTON SEALS



FACE SEALS

