



Engineering Design Request

1110 Richards Rd. Hartland, WI 53029
Phone: (888)-340-TLON Fax: (262) 367-8159 Web: www.t-lon.com

Entered By
Date
Project #
Part Number
Rep

Company
Address
City
Contact email
Division
Mail Stop
State
Zip
Title
Phone
Fax

Application
Current Seal
Problem(s) with Current Seal
Annual Usage
Price
Target \$
Quote Qty
New
Current
Part #
Cust Part #

Seal Motion
Seal Type
RPM
Rotation
Stroke
Frequency
Velocity
Static
Rotary
Oscillatory
Reciprocating
Rod / Shaft
Piston
Internal Face
External Face
Operating
Max
Min
Degrees
Operating
Max
Min
In mm
Operating
Max
Min
cpm Hz
Operating
Max
Min
Ft / Min m/sec
Operating
Max
Min

Pressure
Pressure Direction
Temp
Media(s)
psi bar
Operating
Max
Min
Unidirectional
Bidirectional
F C
Operating
Max
Min

Rod / Shaft Seals

Rod / Shaft Dia
Seal Groove Dia
Seal Groove Length
Groove Type
Tol
Material
Hardness Rc
Finish Ra
Radial Clearance Gap Shaft to Seal Housing
Open Two Piece
Open One piece
Closed One Piece

Piston Seals

Cyl Bore Dia
Seal Groove Dia
Seal Groove Length
Groove Type
Tol
Material
Hardness Rc
Finish Ra
Radial Clearance Gap Piston OD to Cylinder
Open Two Piece
Open One piece
Closed One Piece

Face Seals

Seal Groove OD
Seal Groove ID
Mating Plate
Tol
Material
Hardness Rc
Finish Ra
Seal Groove Depth
Tol
Gap

Life Requirement
Leakage Max
Comments:
Cycles
Hours
Years
Rate
Friction / Torque Max
@ Press

Large empty rectangular box for additional comments or specifications.