

Seal & Cylinder Source, Inc.  
44250 Groesbeck hwy.  
Clinton Township, MI 48036  
PHONE: 586-791-9001  
FAX 586-791-9033



## ENGINEERING APPLICATION FORM

### CUSTOMER INFORMATION

COMPANY \_\_\_\_\_ REQUESTOR'S NAME \_\_\_\_\_  
TELEPHONE \_\_\_\_\_ FAX \_\_\_\_\_  
ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP CODE \_\_\_\_\_

### APPLICATION TYPE

EXISTING, is the current seal working? \_\_\_\_\_ What is the current design? \_\_\_\_\_ What is the current cost? \_\_\_\_\_  
 NEW DESIGN       VENDOR PROBLEM      QUANTITY PER YEAR \_\_\_\_\_  
 STATIC       DYNAMIC       UNIDIRECTIONAL       BIDIRECTIONAL  
 RECIPROCATING       ROTARY       OSCILLATORY      WHEN IS INPUT REQUIRED \_\_\_\_\_  
 PISTON       ROD       FACE      WHEN ARE PROTOTYPES NEEDED \_\_\_\_\_  
 O-RING       GASKET (PROVIDE SKETCH) \_\_\_\_\_  
 OTHER, DESCRIBE (PROVIDE SKETCH) \_\_\_\_\_

### ENGINEERING DETAILS

TEMPERATURE: LOW \_\_\_\_\_ NORMAL \_\_\_\_\_ MAX \_\_\_\_\_  
PRESSURE: OPERATING \_\_\_\_\_ PROOF \_\_\_\_\_ BURST \_\_\_\_\_  
STROKE (TOTAL) \_\_\_\_\_ FREQUENCY \_\_\_\_\_ DUTY CYCLE \_\_\_\_\_  
ROTATION (DEGREES) \_\_\_\_\_ RPM \_\_\_\_\_ DUTY CYCLE \_\_\_\_\_  
MEDIA TO BE SEALED \_\_\_\_\_  
LEAKAGE REQUIREMENT \_\_\_\_\_ FRICTION LIMITATIONS \_\_\_\_\_  
SEAL LIFE REQUIRED \_\_\_\_\_

### HARDWARE INFORMATION

SEAL SCIENCE TO PROVIDE GROOVE DETAILS

BORE DIA. \_\_\_\_\_ TOLERANCE \_\_\_\_\_ HARDNESS \_\_\_\_\_ FINISH \_\_\_\_\_ MAT'L \_\_\_\_\_  
ROD DIA. \_\_\_\_\_ TOLERANCE \_\_\_\_\_ HARDNESS \_\_\_\_\_ FINISH \_\_\_\_\_ MAT'L \_\_\_\_\_  
GROOVE DIA. \_\_\_\_\_ TOLERANCE \_\_\_\_\_ GROOVE WIDTH \_\_\_\_\_ TOLERANCE \_\_\_\_\_  
PISTON DIA. \_\_\_\_\_ TOLERANCE \_\_\_\_\_ OR THROAT DIA. \_\_\_\_\_ TOLERANCE \_\_\_\_\_  
EXTRUSION GAP: MAX \_\_\_\_\_ MIN \_\_\_\_\_ Are any bearings required? \_\_\_\_\_

Are there any current recommendations/quotes?

What does your company make?

What does this equipment do?

Can you provide a sketch or drawings?

Is there anything else you can tell me about this application?

Are there any other projects I can help you with?