



# Engineering Action Request

**Black Hawk Seals, LLC**  
3702 Vanguard Drive  
Fort Wayne, IN 46809  
(260) 615-3951  
BlackHawkSeals.com

Project No: \_\_\_\_\_  
Date Entered: \_\_\_\_\_  
Date Required: \_\_\_\_\_  
Prepared By: \_\_\_\_\_  
Salesman: \_\_\_\_\_

## CUSTOMER PARAMETERS:

Company: \_\_\_\_\_  
Address: \_\_\_\_\_ P.O. Box: \_\_\_\_\_ Mail Stop: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ Country: \_\_\_\_\_  
Contact: \_\_\_\_\_ Title: \_\_\_\_\_ Phone: \_\_\_\_\_ Ext: \_\_\_\_\_  
Alt: \_\_\_\_\_ Title: \_\_\_\_\_ Phone: \_\_\_\_\_ Ext: \_\_\_\_\_  
E-mail: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Equipment/Manufacture: \_\_\_\_\_  
Current Seal Manufacture: \_\_\_\_\_ Part No: \_\_\_\_\_  
Reason For Change:  Performance  Delivery  New Application  Price  
Current Price: \_\_\_\_\_ @ \_\_\_\_\_ Pcs. Annual Usage: \_\_\_\_\_  
Target Price: \_\_\_\_\_ @ \_\_\_\_\_ Pcs. Quote Qty: \_\_\_\_\_ Req Date: \_\_\_\_\_  
Special Requirements: \_\_\_\_\_

Motion:  Static  Reciprocating  Rotary  Oscillatory  
Product Type:  
 Rod Seal  Wiper  O-Ring  Internal Face Seal  
 Piston Seal  Bearing  Other  External Face Seal

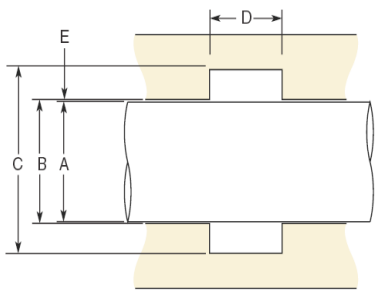
Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**OPERATING PARAMETERS:**

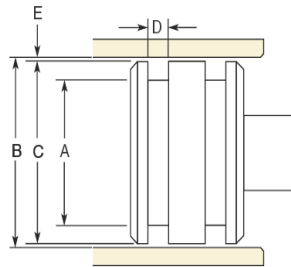
	Units (Circle One)	Minimum	Operating	Maximum
Temperature:	°K °F °C	_____	_____	_____
Pressure:	PSI BAR MPA	_____	_____	_____
Cycle Rate:	Cycles/Min HZ	_____	_____	_____
Stroke Length (Reciprocating):	INCH MM	_____	_____	_____
Velocity:	Ft/Min MM/Min	_____	_____	_____
Degree of Arc (Oscillating):	Degrees	_____	_____	_____
Rotary Speed:	RPM	_____	_____	_____

Media to be sealed: \_\_\_\_\_

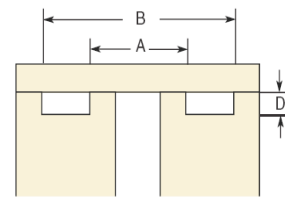
Rod



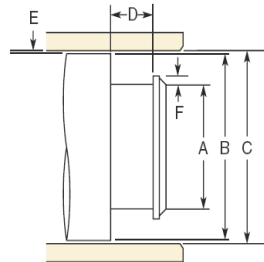
Piston



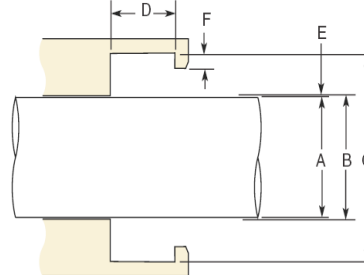
Face Seal



Other Piston



Other Rod



**HARDWARE SPECIFICATIONS:**

Hardware Prints Included w/ EAR: Y / N

	Min	Max	
(A) Diameter:	_____	_____	Gland Type: Split Open
(B) Diameter:	_____	_____	
(C) Diameter:	_____	_____	Can Hardware Be Changed: Y / N
(D) Groove Width:	_____	_____	How? _____
(E) Radial Clearance:	_____	_____	_____
(F) Rod/Piston Step Height:	_____	_____	_____
Most Critical Aspect:	_____		
	_____		