

**Black Hawk Seals, LLC**

3702 Vanguard Drive
Fort Wayne, IN 46809
(260) 615-3951
BlackHawkSeals.com

Engineering Action Request

Project No: _____

Date Entered: _____

Date Required: _____

Prepared By: _____

Salesman: _____

CUSTOMER PARAMETERS:

Company: _____

Address: _____

City: _____ State: _____

Contact: _____ Title: _____

Alt: _____ Title: _____

E-mail: _____

P.O. Box: _____ Mail Stop: _____

Zip: _____ Country: _____

Phone: _____ Ext: _____

Phone: _____ Ext: _____

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 ☐ unidirectional ☐ bidirectional ☐ Oscillatory

Product Type:

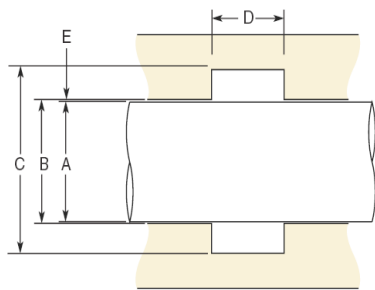
<input type="checkbox"/> Rod Seal	<input type="checkbox"/> Wiper	<input type="checkbox"/> O-Ring	<input type="checkbox"/> Internal Face Seal
<input type="checkbox"/> Piston Seal	<input type="checkbox"/> Bearing	<input type="checkbox"/> Other	<input type="checkbox"/> External Face Seal

Notes: _____

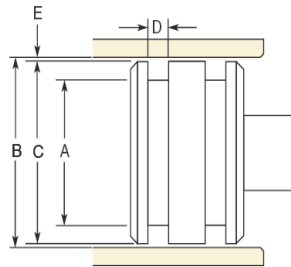
OPERATING PARAMETERS:

	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:	_____			
Notes:	_____			

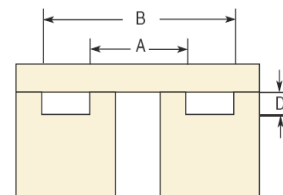
☐ **Rod**



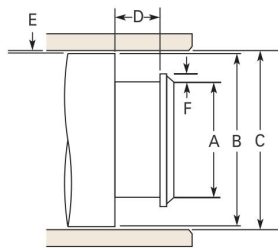
☐ **Piston**



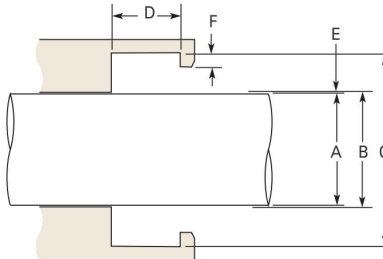
☐ **Face Seal**



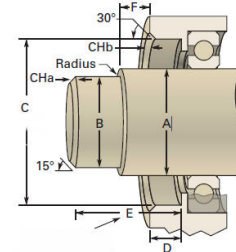
☐ **Other Piston**



☐ **Other Rod**



☐ **Open Groove**



HARDWARE SPECIFICATIONS:

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:	_____		
