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# SpiralTrac<sup>TM</sup>

## COMBINED QUOTE FORM

### INSTRUCTIONS

This electronically fillable document includes all four of our current *SpiralTrac Quote Forms*. Please read our selection guide below and choose the right form to fill out based on your application needs.

**You only have to fill out one page on this document!**

1

#### **SpiralTrac for Packing**

Fill out this form if you plan on using mechanical packing with SpiralTrac.

2

#### **SpiralTrac for Mechanical Seal**

Fill out this form if you plan on using mechanical seal as your sealing solution.

3

#### **SpiralTrac Adaptor**

This form is for experienced specialists who have dealt with SpiralTrac adaptors in the past. Fill out this form if you know exactly what you need.

4

#### **SpiralTrac for Vertical Turbine**

Fill out this form if your equipment is a Vertical Turbine, regardless of your sealing solution. Make sure your equipment is a turbine and not a vertically oriented centrifugal pump.



Prefer a web browser? Our mobile friendly, online SpiralTrac Quote Form is available at [enviroseal.ca](http://enviroseal.ca)

Long years of experience has made the EnviroSeal Tech Support Team very good at understanding your SpiralTrac requirements based on a couple critical information. **Fill out what you can** and don't worry about leaving questions unanswered. We will make sure your quoted device is the right SpiralTrac for your application. If you have any questions, email us at [support@enviroseal.ca](mailto:support@enviroseal.ca).

# SpiralTrac™ Packing Version

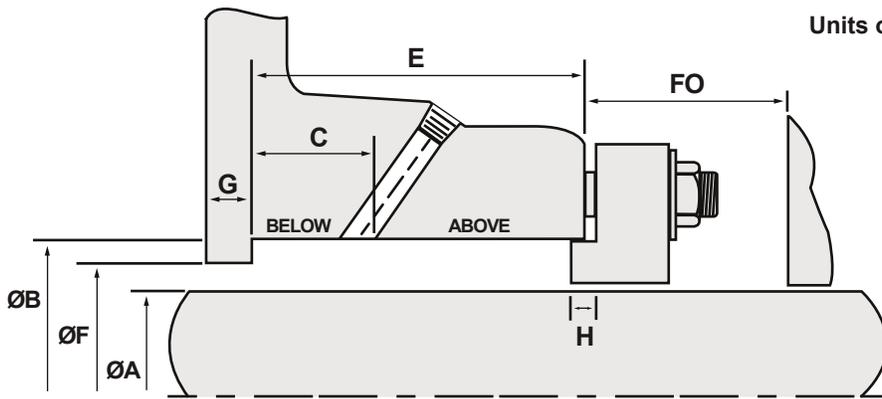
## Quote Form

### Configuration

Note: For vertical turbines please refer to the *Vertical Turbine Quote Form*.

1. Sufficient flush pressure (1 Bar/15 psi above box pressure) is required to ensure a positive flow into the box.
2. EnviroSeal recommends flow controls when installing a Packing Version SpiralTrac.
3. Vertical applications are sized the same as horizontal.
4. Minimum axial length of Packing Version SpiralTrac is 1.000".
5. Packing Version SpiralTrac requires flush in positive flush flow, any other ports should be plugged.
6. EnviroSeal recommends high quality Chesterton© packing to sustain drip rate leakage.

### Stuffing Box Measurements

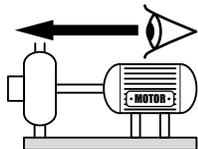


Units of measurement:  Inch  Metric

- ØA (Sleeve OD): \_\_\_\_\_
- ØB (Box ID): \_\_\_\_\_
- C (to edge of flush port): \_\_\_\_\_
- E (Box depth): \_\_\_\_\_
- ØF (Counter bore): \_\_\_\_\_
- G (Counter bore width): \_\_\_\_\_
- H (Gland nose length): \_\_\_\_\_
- FO (First obstruction): \_\_\_\_\_

*not shown on diagram*

**Shaft rotation as viewed from the motor end:**  
(Double ended pumps require both R and L devices)



- R** CW     **L** CCW

- D (current lantern ring axial width): \_\_\_\_\_
- BELOW** (current rings of packing below lantern ring): \_\_\_\_\_
- ABOVE** (current rings of packing above lantern ring): \_\_\_\_\_
- Split     Solid

### Material

- ESC** (Carbon filled PTFE)
- 316** Stainless Steel
- 416** Stainless Steel
- 17-4PH** Stainless Steel
- BRZ** (660 Bronze)
- Other:** \_\_\_\_\_

### Extra Information

#### Equipment

- Flush rate: \_\_\_\_\_
- Make/Model: \_\_\_\_\_
- Size: \_\_\_\_\_
- RPM: \_\_\_\_\_
- Product: \_\_\_\_\_
- Solids %: \_\_\_\_\_
- Notes: \_\_\_\_\_

#### Distributor

- Company: \_\_\_\_\_
- Specialist: \_\_\_\_\_
- P.O.#: \_\_\_\_\_
- Customer: \_\_\_\_\_
- Temperature: \_\_\_\_\_



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# SpiralTrac™ Seal Version

## Quote Form

### Required Information

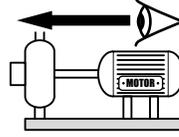
Note: For vertical turbines please refer to the *Vertical Turbine Quote Form*.

Mechanical seal being used: \_\_\_\_\_ Flush available:  No  Yes Flush Rate: \_\_\_\_\_

Units of measurement:  Inch  Metric

Shaft rotation as viewed from the motor end:  
(Double ended pumps require both R and L devices)

Shaft size: \_\_\_\_\_  
(or rotating element: sleeve, impeller hub, seal OD etc.)



**R** CW

**L** CCW

Bore size: \_\_\_\_\_ First obstruction: \_\_\_\_\_

### Version

**F** (Flush required)  **N** (Non fibrous applications)  **D** (Fibrous applications)  **C** (Chemical intermittent applications)

### Installation Type

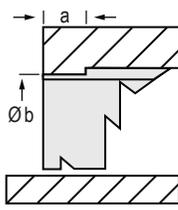
**Type A**

a width: \_\_\_\_\_

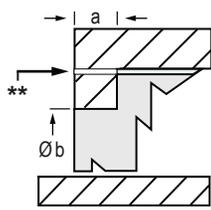
Øb diameter: \_\_\_\_\_

\*option depends on throat diameter

Integral air vent option\*

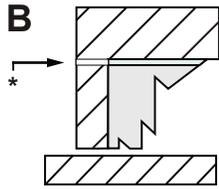


drilled air vent option\*



\*\*recommended 0.156" (3.96mm) vent hole to release air when flooding.

**Type B**



\*recommended 0.156" (3.96mm) vent hole to release air when flooding.

**Type E**

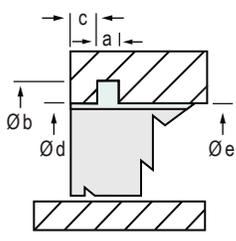
a width: \_\_\_\_\_

Øb diameter: \_\_\_\_\_

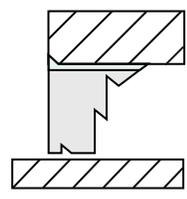
c width: \_\_\_\_\_

Ød diameter: \_\_\_\_\_

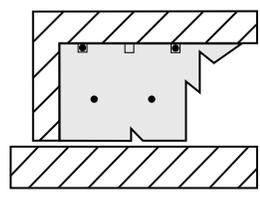
Øe diameter: \_\_\_\_\_



**Type I**



**Type S**



### Material

- ESC** (Carbon filled PTFE)
- 316** Stainless Steel
- 416** Stainless Steel
- 17-4PH** Stainless Steel
- BRZ** (660 Bronze)
- Other:** \_\_\_\_\_

### Extra Information

**Equipment**  
 Make/Model: \_\_\_\_\_  
 Size: \_\_\_\_\_  
 RPM: \_\_\_\_\_  
 Product: \_\_\_\_\_  
 Solids %: \_\_\_\_\_  
 Temperature: \_\_\_\_\_  
 Notes: \_\_\_\_\_

**Distributor**  
 Company: \_\_\_\_\_  
 Specialist: \_\_\_\_\_  
 P.O.#: \_\_\_\_\_  
 Customer: \_\_\_\_\_



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# SpiralTrac™ Adaptor

## Quote Form

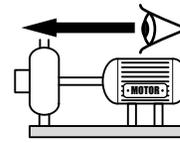
### Configuration

Note: For vertical turbines please refer to the *Vertical Turbine Quote Form*.

- Sufficient flush pressure (1 Bar/15 psi above box pressure) to ensure a positive flow into the box is required.
- EnviroSeal recommends that a flow meter and a check valve be utilized on the flush line.
- Vertical applications are sized the same as horizontal.

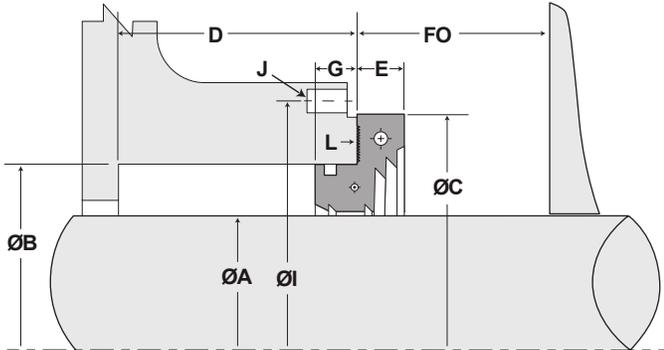
- 1:  Seal Adaptor     Packing Adaptor
- 2:  Split             Solid

3: Shaft rotation as viewed from the motor end:  
(Double ended pumps require both R and L devices)

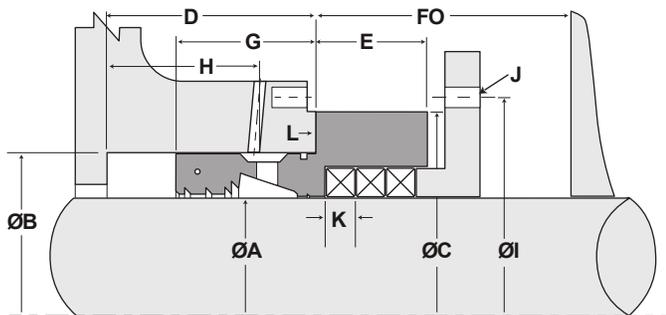


- R** CW
- L** CCW

### Seal Adaptor



### Packing Adaptor\*



### Measurements

Units of measurement:  Inch     Metric

Seal being used: \_\_\_\_\_

ØA (Sleeve OD): \_\_\_\_\_

ØB (Box ID): \_\_\_\_\_

ØC (Flange OD): \_\_\_\_\_

D (Box depth): \_\_\_\_\_

E (Flange width): \_\_\_\_\_

FO (First obstruction): \_\_\_\_\_

G (Nose width): \_\_\_\_\_

ØI (Bolt pattern/diameter): \_\_\_\_\_

J (Bolt Size): \_\_\_\_\_

H\* (to edge of flush port): \_\_\_\_\_

K\* (Packing size desired): \_\_\_\_\_

L (Gasket):    ESC only:    Metal only:

Flat gasket not supplied by EnviroSeal

### Material

- ESC (Carbon filled PTFE)
- 316 Stainless Steel
- 416 Stainless Steel
- 17-4PH Stainless Steel
- BRZ (660 Bronze)
- Other: \_\_\_\_\_

### Extra Information

Flush rate: \_\_\_\_\_

Cavity Pressure: \_\_\_\_\_

Make/Model: \_\_\_\_\_

Size: \_\_\_\_\_

RPM: \_\_\_\_\_

Product: \_\_\_\_\_

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

Distributor Company: \_\_\_\_\_

Specialist: \_\_\_\_\_

P.O.# \_\_\_\_\_

Customer: \_\_\_\_\_

Solids %: \_\_\_\_\_

Temperature: \_\_\_\_\_



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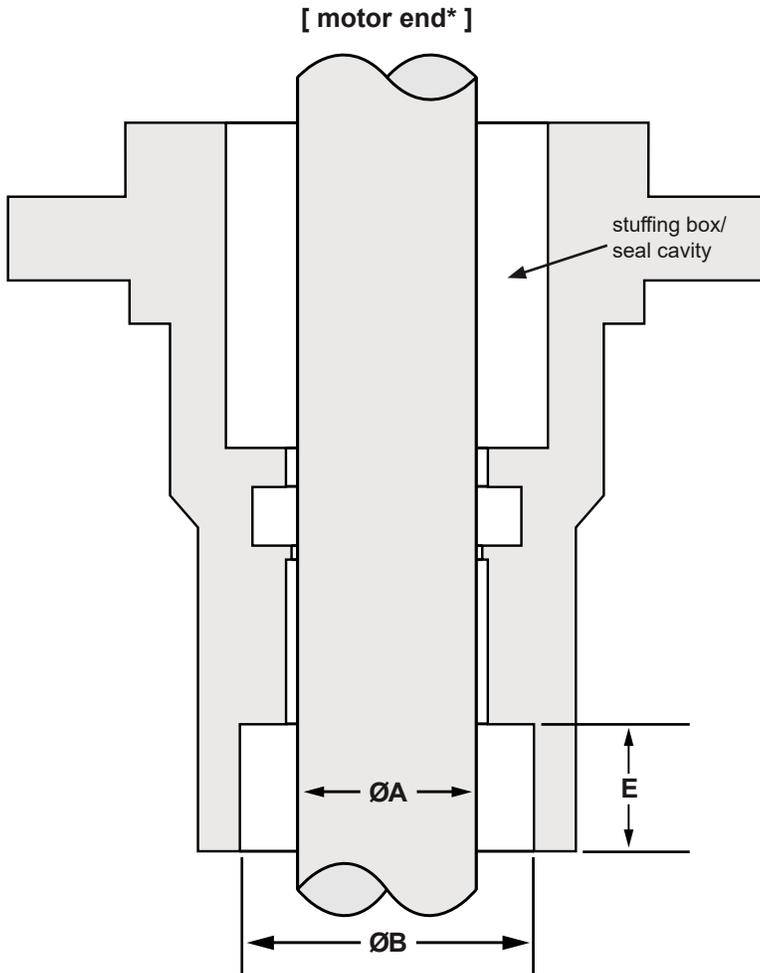
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# SpiralTrac™ Vertical Turbine

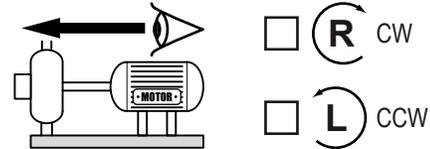
## Quote Form

### Configuration



**Can be used with Packing or Mechanical Seal!**

\*Shaft rotation as viewed from the motor end:



### Measurements

Units of measurement:  Inch  Metric

ØA (Shaft OD): \_\_\_\_\_

*Typically dictated by EnviroSeal:*

ØB (Cavity ID): \_\_\_\_\_

E (Cavity depth): \_\_\_\_\_

**Note:**

1. Minimum cross section required is **0.312"**
2. Minimum axial length for SpiralTrac is **1.000"**
3. Vertical turbine shaft is typically left hand rotation
4. Make sure equipment is a vertical turbine, not a vertically mounted centrifugal pump

### Material

- 316 Stainless Steel
- 416 Stainless Steel
- 17-4PH Stainless Steel
- BRZ (660 Bronze)
- Other: \_\_\_\_\_

### Extra Information

**Equipment**

Make: \_\_\_\_\_  
 Model: \_\_\_\_\_  
 Size: \_\_\_\_\_  
 RPM: \_\_\_\_\_  
 Product: \_\_\_\_\_  
 Solids %: \_\_\_\_\_  
 Notes: \_\_\_\_\_

**Distributor**

Company: \_\_\_\_\_  
 Specialist: \_\_\_\_\_  
 P.O.#: \_\_\_\_\_  
 Customer: \_\_\_\_\_

Temperature: \_\_\_\_\_



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