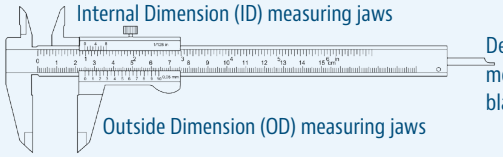
RFQ Measuring Instructions

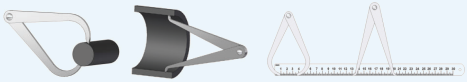
SEALRYT CORPORATION

ROTATING SHAFT SEALING EXPERTS

Tools Needed:

1. Calipers





Hinged Tension Calipers will also work.

2. Telescoping Gages

3. Rigid Piece of wire bent 90 degrees at one end.

(or an Allen wrench)

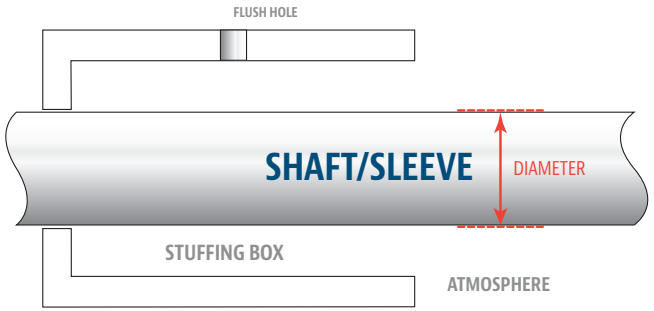
Optional:

Ruler

Pi Tape or Soft Tape

UNITS: ☐ INCHES ☐ MILLIMETERS

Step 1. Using an OD Caliper measure the diameter of the shaft. You can also use a Pi Tape if a caliper is not available or will not fit.



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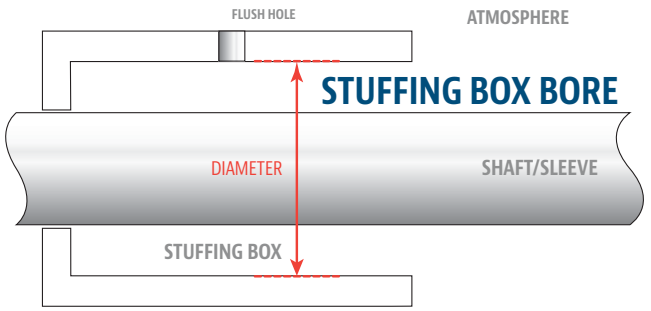
SHAFT/SLEEVE DIAMETER

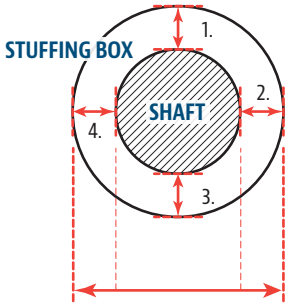
Measurement to 1/1000 required

Step 2. Measure the STUFFING BOX BORE



Take 4 measurements using a Telescoping Gage. 12, 3, 6, and 9 o'clock. The deeper into the stuffing box the better because our bearings usually sit at the bottom of the box. If Telescoping Gages are not available use an ID Caliper.

CROSS SECTIONAL VIEW



Average the measurements:

Measurement 1.
Measurement 2.
Measurement 3.
\+ Measurement 4.

TOTAL

Divide the TOTAL above by 4 to find the **CROSS SECTION AVERAGE**

Shaft/Sleeve Diameter + (2 x CROSS SECTION AVERAGE)

= Stuffing Box Bore

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STUFFING BOX BORE

Measurement to 1/1000 required

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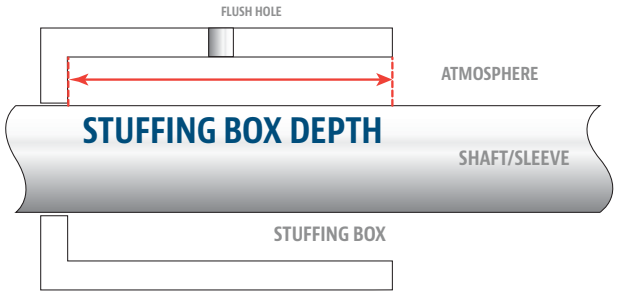
Step 3.

Measure **STUFFING BOX DEPTH** with Depth Blade on the Caliper or a ruler or tape measure.



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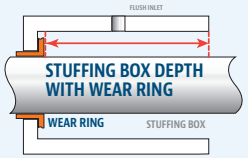
STUFFING BOX DEPTH

Measurement to 1/100 required

Step 3a.



If there is a WEAR RING present measure the depth to the WEAR RING. **PLEASE INDICATE THAT THE DEPTH IS TO A WEAR RING.**

WEAR RING PRESENT: ☐YES ☐NO ☐UNKNOWN

IF YES, What is the WEAR RING Thickness?

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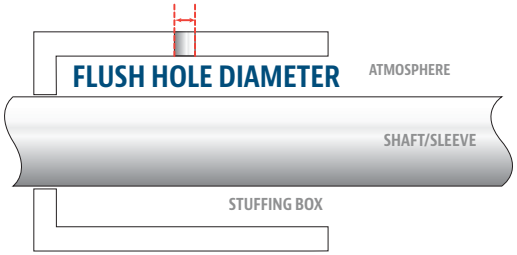
WEAR RING THICKNESS

Measurement to 1/100 required

Step 4.

Measure **FLUSH HOLE DIAMETER** with an ID Caliper.



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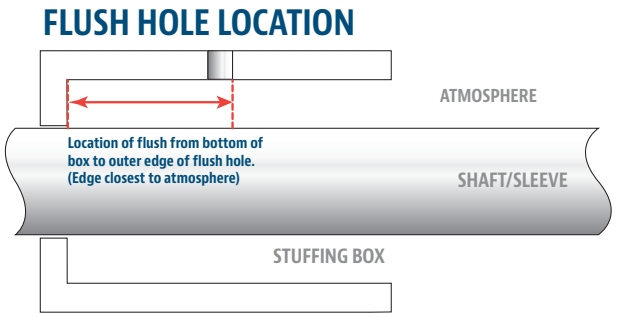
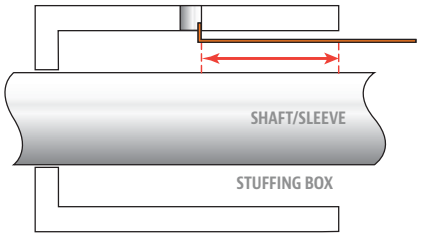
FLUSH HOLE DIAMETER

Measurement to 1/100 required

Step 5.

Measure the **FLUSH HOLE LOCATION.**





TIP: Use an Allen wrench if no wire is available.

Using a piece of rigid wire with a short 90 degree "L" at one end. Insert the wire into the bore and slide it against the bore surface until the "L" section slips into the flush hole. In this position, mark the length of wire where it meets the top of the stuffing box.

Remove the wire and measure from the INSIDE of the "L" to your mark to determine the FLUSH HOLE DEPTH.

STUFFING BOX DEPTH

– FLUSH HOLE DEPTH

FLUSH HOLE LOCATION

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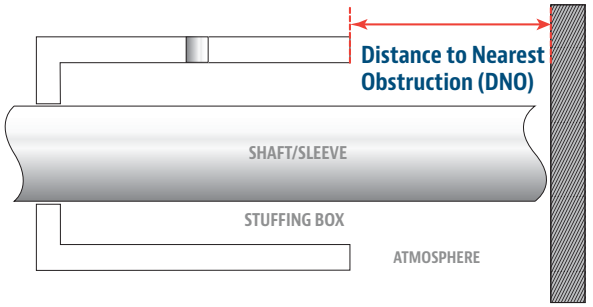
FLUSH HOLE LOCATION

Measurement to 1/100 required

Step 6.

Measure **DISTANCE TO NEAREST OBSTRUCTION** with a ruler or tape measure.



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DISTANCE TO NEAREST OBJECT

Measurement to 1/100 required

If you encounter any difficulty or have questions regarding measuring for a quote, please contact SealRyt at:

413-564-5202

Mon – Fri 8:00AM to 5:00PM EST