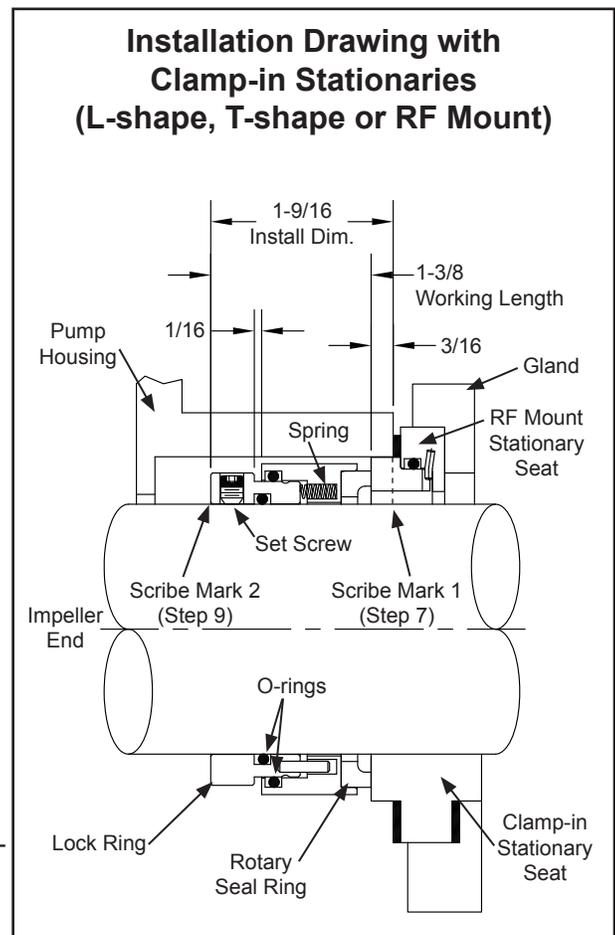


INSTALLATION INSTRUCTIONS

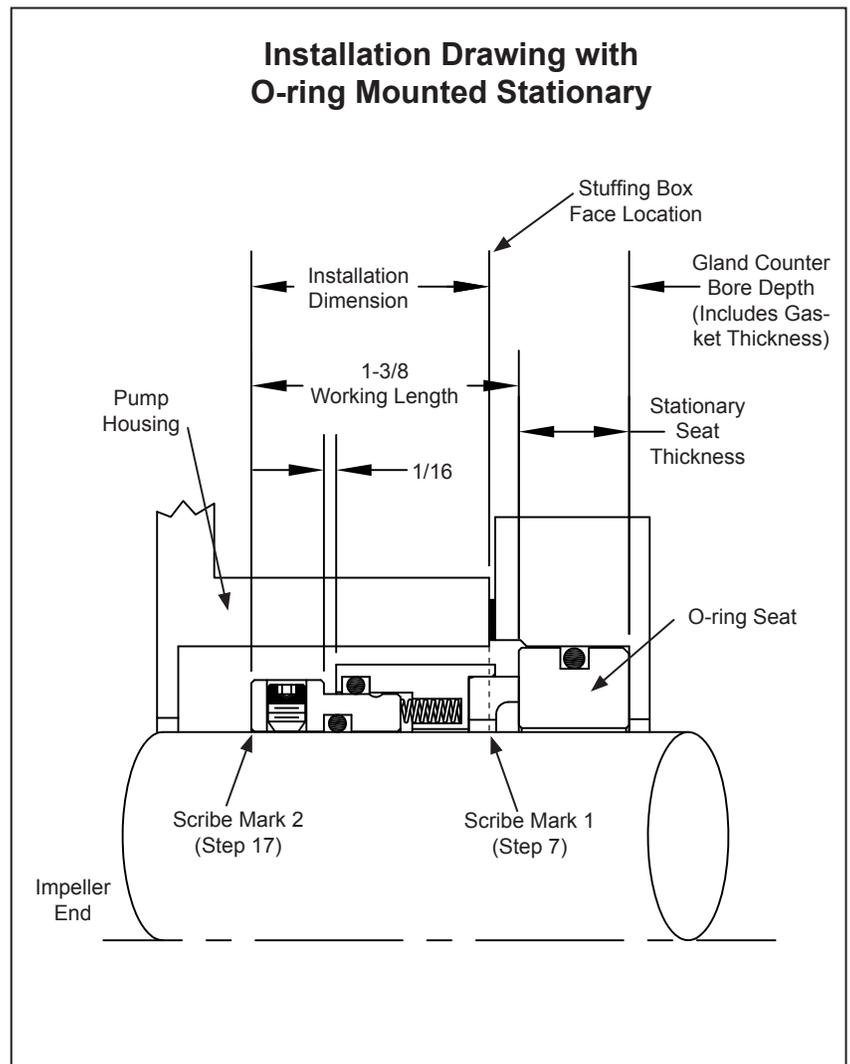
Inside Mounted SRS Seal

1. Do not remove seal parts from protective packaging until equipment has been inspected and repaired.
2. Disassemble, check and clean equipment. Visually inspect shaft/sleeve over which the seal is to be installed. Check for excessive wear, burrs, or sharp edges which might cut sleeve O-rings on installation. Check actual shaft/sleeve OD; tolerance is $+.000 - .002$ from the nominal. If shaft/sleeve shows sign of wear in an area where static O-ring or set screws are mounted, or is not within tolerance, the shaft/sleeve must be replaced.
3. Check for excessive shaft movement. Maximum run out is $.003''$ T.I.R. Maximum end play is $.005''$. If excessive movement is indicated, check for bent shaft or bad bearings and correct.
4. If pump is equipped with a sleeve, inspect O-ring or gasket seal and replace if necessary.
5. Reassemble pump (less gland) and make any necessary impeller adjustments.
6. Apply bluing to shaft/sleeve at a point directly under the stuffing box face.
7. Scribe shaft/sleeve to show location of stuffing box face. (See Scribe Mark 1 in the installation drawing.)
8. Remove stuffing box. If using O-ring mounted seat, go to Step #15.
9. Scribe a mark on bluing $1\ 9/16''$ back from the first scribe mark (Step #7) toward impeller end.
10. Carefully remove stationary seat from protective packaging.
11. Insert stationary into seal gland and slide over shaft back to bearing housing.
12. Carefully remove the SRS from protective packaging and lubricate static O-ring with silicone grease provided. **DO NOT USE PETROLEUM BASED LUBRICANTS.**
13. Slide SRS over shaft, locating the rear of the seal over the second scribe mark (step #9) which should be located $1\ 9/16''$ back from stuffing box face.
14. Install set screws evenly and do not overtighten. Go to step #23 to finish installation.



Installation with O-ring Mounted Stationary

15. Measure gland plate counter bore depth from stuffing box face (including gasket). See installation drawing.
16. Measure stationary seat width (thickness).
17. Add SRS working length (1 3/8") to stationary seat thickness, subtract from gland counter bore depth (Step #15) and scribe back from the first scribe mark (Step #7) toward impeller end.
18. Carefully remove stationary seat from protective packaging and lubricate the O-ring with silicon grease provided. **DO NOT USE PETROLEUM BASED LUBRICANTS.**
19. Insert stationary into gland and slide over shaft back to bearing housing.
20. Carefully remove the SRS from protective packaging and lubricate static O-ring with silicon grease provided. **DO NOT USE PETROLEUM BASED LUBRICANTS.**



21. Slide SRS over shaft, locating the rear of the seal over the second scribe mark (Step #17).
22. Install set screws evenly and do not overtighten.
23. Reinstall stuffing box and impeller.
24. Place gland plate and stationary seat assembly over gland studs.
25. Finger tighten gland nuts evenly.
26. Tighten gland nuts two to three flats (just enough to compress gasket).
27. Reinstall pump on line.
28. Reinstall and open all specified flushes.

If you need further assistance, please call
our Mechanical Seal Department at:

1-800-633-4770