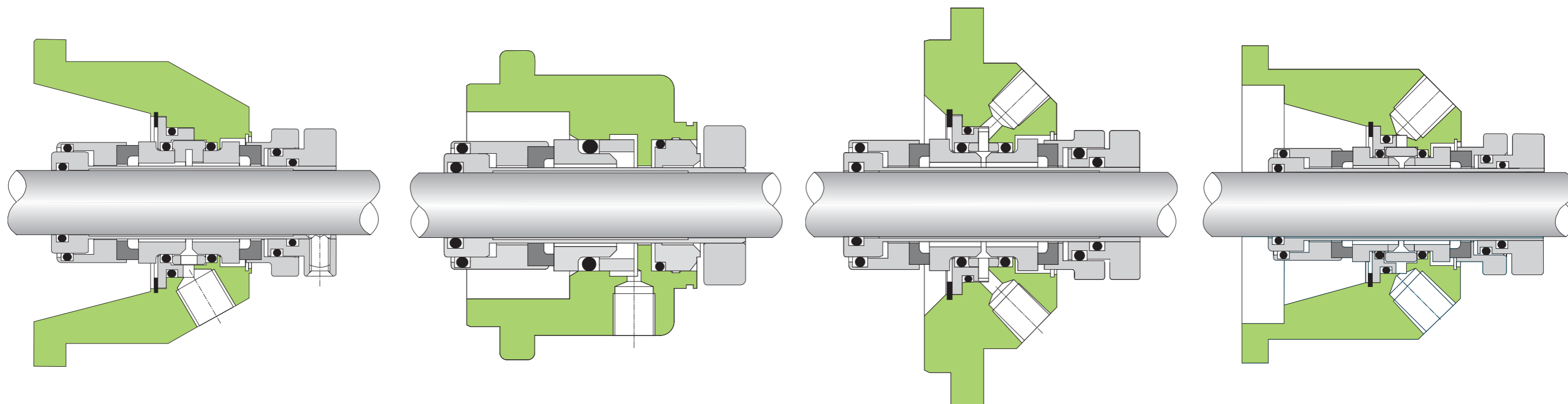


PCP STYLE HOUSING FOR DOUBLE & SINGLE CARTRIDGE SEALS



PCPS

CARTRIDGE MECHANICAL SEAL

INSTALLATION INSTRUCTIONS



EN

Original Instructions

Pre-Installation Checks.

- (i) Shaft Outside Diameter is within tolerance $\pm 0.002''$ ($\pm 0.05\text{mm}$)
- (ii) Shaft run out $< 0.004''$ (0.1mm) T.I.R.
- (iii) Shaft end float $< 0.005''$ (0.13mm).
- (iv) Fluid seal can be obtained on the Stuffing Box face.
- (v) There are no sharp edges over which the seal 'O' Ring must pass.

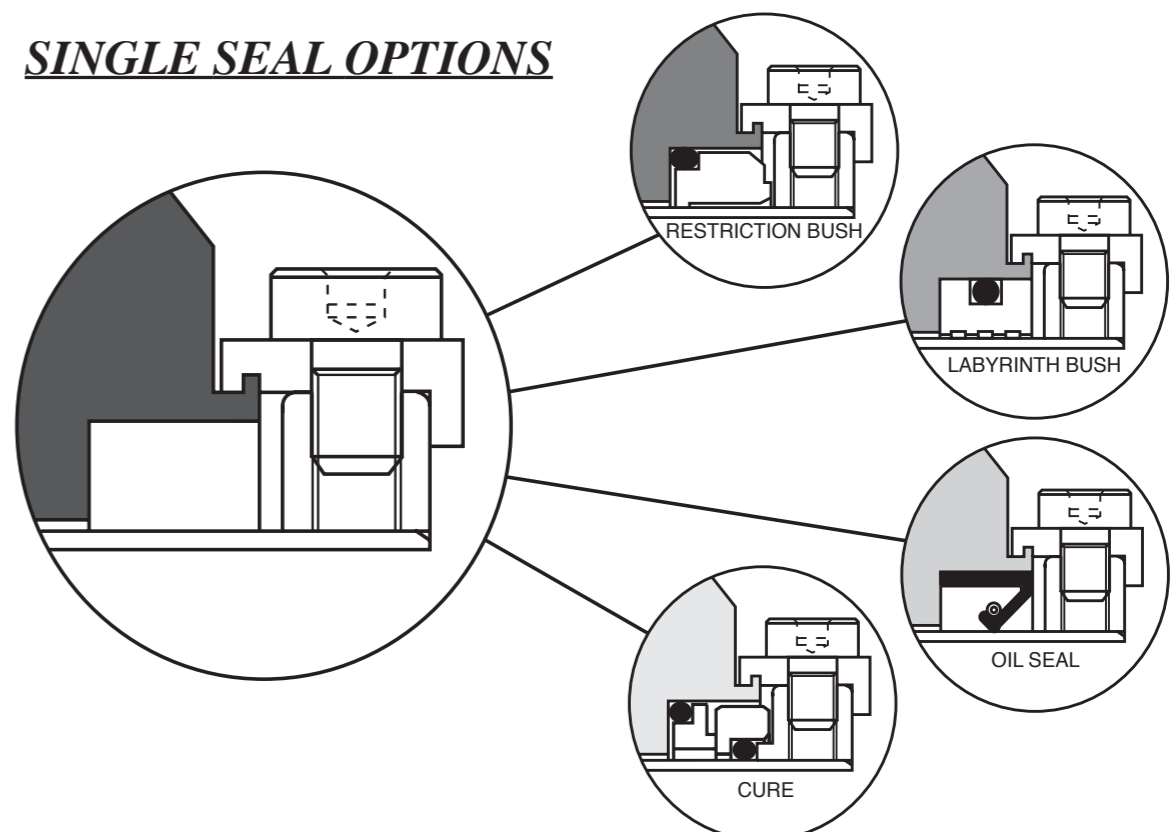
Installation instructions.

1. Lubricate the shaft with the grease provided.
2. Slide the seal onto the shaft.
3. Assemble rest of equipment in final running position.
4. Equally tighten the Drive Screws down onto the shaft.
5. Remove setting clips.
6. Spin the shaft by hand. Listen and feel for any shaft binding, etc.
7. Connect the flush, quench and drain connections. If flush connection is not required, please ensure that it is properly sealed with a 1/4"NPT plug (N/A with Double Seal)
8. Ensure the pump is primed prior to start up.
9. Retain clips and clip screws for future use.

In the absence of original equipment/fluid manufacturers instructions, ensure that the selected barrier/buffer fluid has an auto-ignition temperature at least 50°C (90°F) ABOVE the maximum surface temperature of any component with which it may come into contact, both in normal operation and in the event of leakage from the seal or barrier system.

Note: under certain conditions the auto-ignition temperature of a fluid can be reduced, for example if an oil is allowed to soak into damaged or unprotected insulation. If any potential sources of ignition are present in an area, it is advisable to select a barrier fluid which has a flash point higher than the maximum surface temperature of any component with which it may come into contact.

SINGLE SEAL OPTIONS



- DE
- IT
- ES
- FR
- PT
- NL
- NO
- DK
- FI
- SE

