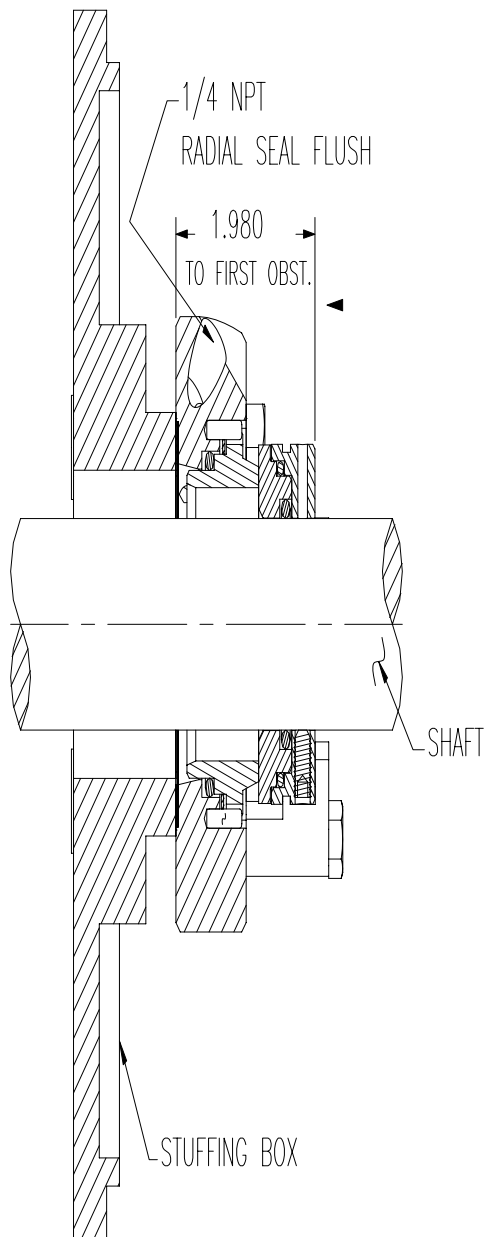


ZMT ZN Cartridge Seal Installation Instructions



NOTE:
IMPELLER NOT SHOWN

- 1) Inspect pump for shaft for run-out and shaft deflection.
- 2) Inspect sleeve/shaft for burrs or nicks that might cut shaft o-ring.
- 3) Lubricate shaft o-ring with liquid soap or silicon based lubricant. **DO NOT USE OIL OR GREASE.**
- 4) Slide seal on shaft.
- 5) Install stuffing box into pump frame adaptor.
- 6) Bolt stuffing box to frame adaptor.
- 7) Bolt seal to stuffing box.
- 8) Tighten impeller onto the shaft.
- 9) Tighten rotary component set screws to shaft.
- 10) Remove hex head bolts that hold seal clips to the seal gland.
- 11) Remove clips from seal.
- 12) Either connect seal flush connection to pump suction pipe or discharge pipe.

NOTE: Failure to connect flush connection may shorten seal performance. Plugging the flush connection is NOT recommended.

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