

Service Instructions

DISASSEMBLY

1. Unscrew endcover with wrench. Use care not to break ribs.
2. Withdraw impeller and shaft assembly.
3. Remove impeller screw and shaft assembly.
4. Hook out seal taking care not to scratch groove in the body.

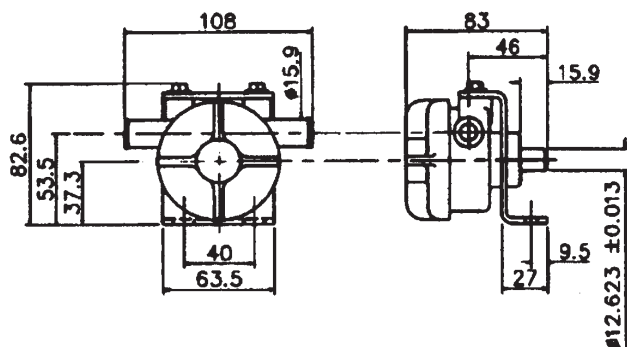
NOTE: Pump has replaceable PTFE bearings that are provided with a groove to match the drive lug in the body, toward the impeller bore. Use care to align drive lug and groove in bearing when installing the bearing.

ASSEMBLY:

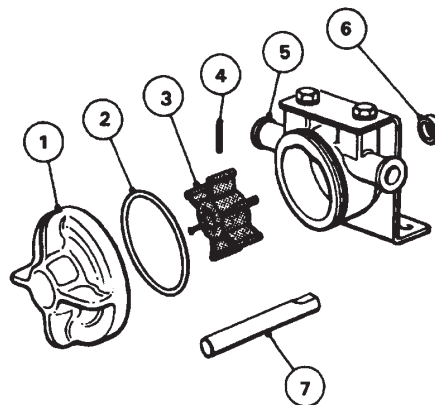
1. Press seal into cavity.
2. Slide impeller onto shaft, aligning holes in impeller and shaft.
3. Press in impeller screw.
4. Lightly oil drive end of shaft and install lubricated body with a twisting motion in the same rotation as the motor. Make sure the shaft is free of burrs.
5. Install "O" ring in cover.
6. Screw cover onto body, hand tight only.

Inspect all parts for wear or damage and replace if necessary.

Installation Drawing



Exploded View Diagram



MEDIUM PRESSURE IMPELLER

| PARTS LIST | | | Neoprene Elastomer 3010-8411 | Nitrile Elastomer 3010-8413 | Viton Components |
|------------------------------|--|-----|---------------------------------|--------------------------------|------------------|
| KEY | DESCRIPTION | QTY | | | |
| 1 | Endcover | 1 | 8187 | 8187 | |
| 2 | "O" Ring * | 1 | SP2000-59 | SP2000-59 | SP2000-79 |
| 3 | Impeller * | 1 | 3398-0011B | 3398-0013B | 3398-0014B |
| 4 | Impeller Screw * | 1 | SP1029-07 | SP1029-07 | |
| 5 | Body with Bearings Less Bracket & Screws | 1 | 8188 | 8188 | |
| 6 | Seal * | 1 | SP3000-08 | SP3000-08 | |
| 7 | Shaft | 1 | 1983-01 | 1983-01 | |
| 8 | Bearings (Not Shown) | 2 | 3625-115 | 3625-115 | |
| Service Kit (Comprises of *) | | | SK26-101 | SK26-101-37 | |

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