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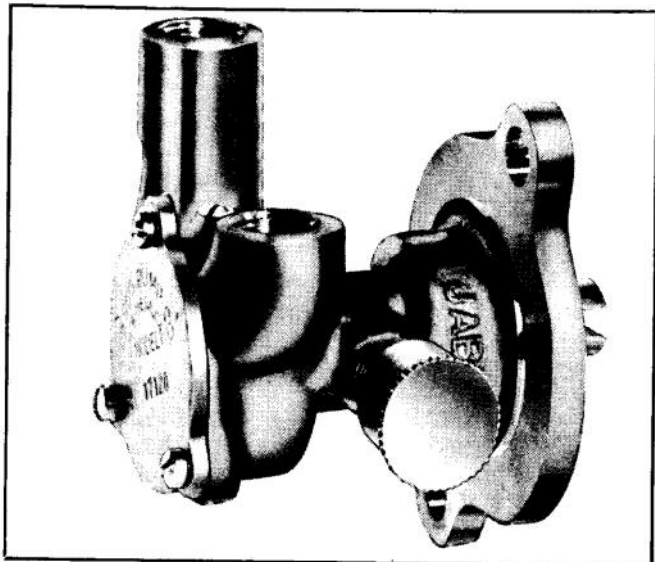


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Model 17120-0001



Engine Coolant Pump

FEATURES

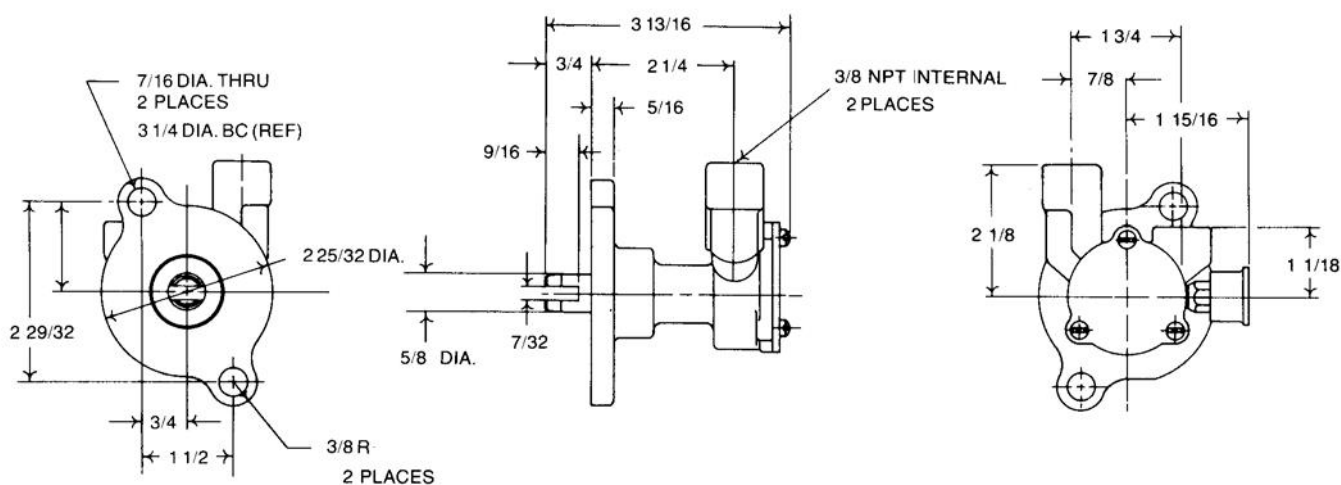
| | |
|-------------|----------------------------|
| Body: | Bronze |
| Impeller: | Jabsco Neoprene Compound |
| Shaft: | 316 Stainless Steel |
| Shaft Seal: | Lip Type |
| Ports: | 3/8" NPT |
| Weight: | Approx. Shipping Wght. 31b |

APPLICATION:
Marine Engine
Cooling
FOR ENGINE MODELS:
Universal Atomic Four

Model 17120-0001

MODEL: 17120-0001

DIMENSION DRAWING



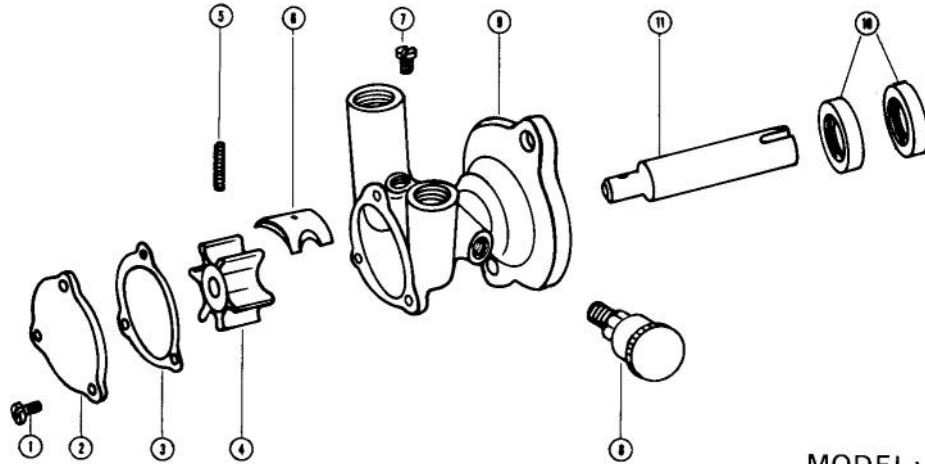
INSTALLATION INSTRUCTIONS

Engage shaft with drive tang, make sure flange seats squarely on mounting surface and bolt to engine. Connect inlet and outlet fittings using pipe compound to seal threads.

OPERATING INSTRUCTIONS

Pump will self prime at low or high speeds. Make sure scoop and inlet line are clear and all connections air tight. Do not run pump dry for more than 30 seconds. Lack of water flow may damage impeller. To drain pump, loosen end cover screws.

EXPLODED VIEW



MODEL: 17120-0001

SERVICE INSTRUCTIONS

IMPELLER REPLACEMENT: Remove end cover and gasket. Pull impeller and shaft assembly out by grasping hub or blades with pliers. Remove impeller screw and pull impeller off of shaft. Install new impeller on shaft and secure with screw. Lubricate impeller bore and install shaft and impeller assembly in body. (Make sure tang drive is lined up correctly, before pushing impeller in flush with body.) Lubricate face of impeller, install gasket and end cover, secure with screws. (Use correct Jabsco gasket; a thicker or thinner gasket may cause impeller damage.) Standard gasket is .010" thick.

MAJOR REPAIR: Follow steps outlined above to remove shaft and impeller assembly. Remove seals from bearing bore.

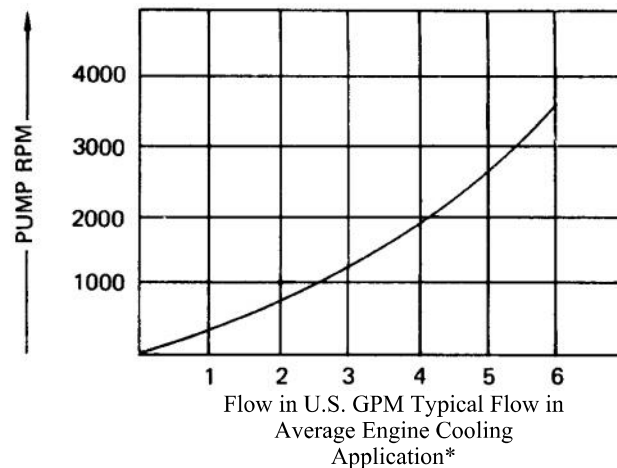
TO ASSEMBLE: Lubricate lip of inboard seal and install in body, with lip facing impeller bore. Lubricate lip of outboard seal and install in body, with lip facing drive end of shaft. Install impeller and shaft assembly as described above.

| KEY | DESCRIPTION | PART NO. | QTY. |
|-----|-------------------|------------|------|
| 1 | Screw (End Cover) | 91002-0090 | 4 |
| 2 | End Cover | 11833-0000 | 1 |
| 3* | Gasket | 9156-0010 | 1 |
| 4* | Impeller | 4528-0001 | 1 |
| 5 | Screw (Impeller) | 91009-0050 | 1 |
| 6 | Cam | 4538-0000 | 1 |
| 7 | Screw (Cam) | 91002-0090 | 1 |
| 8 | Grease Cup | 91501-0020 | 1 |
| 9 | Body | 17124-0000 | 1 |
| 10* | Lip Seal | 92700-0060 | 2 |
| 11 | Shaft | 17127-0000 | 1 |
| | Service Kit | 90178-0001 | 1 |

*Parts Contained in Service Kit

THE PRODUCT DESCRIBED HEREIN IS SUBJECT TO THE JABSCO ONE YEAR LIMITED WARRANTY, WHICH IS AVAILABLE FOR YOUR INSPECTION UPON REQUEST.

PUMP FLOW CHART



* Average engine cooling applications have discharge pressures of 10- 15 p.s.i. and intake vacuums of 3 - 5 inches of mercury.

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