BRONZE OR ALUMINUM
SELF-PRIMING CENTRIFUGAL PUMPS

PIECE SIZE 1

DESCRIPTION

<table>
<thead>
<tr>
<th>Pump</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>30P</td>
<td>Aluminum with Stainless Steel Shaft</td>
</tr>
<tr>
<td>30PB</td>
<td>Bronze with Stainless Steel Shaft</td>
</tr>
</tbody>
</table>

FEATURES

- Self-Priming to 20 Feet Suction Lift
- Available All Bronze or Corrosion Resistant Aluminum
- Heavy Duty Ball Bearings Suitable for Pulley Drive Applications
- Bronze Models with Monel Shaft (30PB-1) Ideal for Marine Service. (Air Conditioning, Bilge, and Sea Water Recirculating)
- Can Handle Most Difficult Solvents with Proper Seal Arrangement, Viton(R)* (S10) or Teflon(R)* (S11) available.

Up to 22 gallons per minute water flow and suction lift of 15 feet without a foot or check valve (25 foot suction lift using a foot or check valve and a filled inlet line). A 1/2" pipe plug on the tank top is for initial filling of priming chamber and inlet line--pump priming is automatic thereafter. Pump seal is mechanical carbon face type mated to ceramic wear face for maximum durability. Other seal components are made of Buna N with low swell characteristics for compatibility with a wide range of liquids including many chemicals and solvents. These pump models are widely used for the pumping of Perchloroethylene. Must be operated in the horizontal position. (As shown in picture)

*Viton(R) is a registered trademark of DuPont Dow Elastomers. Viton(R) or FKM equivalent will be used.

Teflon(R) is a registered trademark of DuPont. Teflon(R) or equivalent PTFE will be used.
EXPLODED VIEW AND PARTS LIST

<table>
<thead>
<tr>
<th>Pump No.</th>
<th>Body</th>
<th>Pedestal</th>
<th>Diffuser</th>
<th>Impeller</th>
<th>Seal Assy</th>
<th>Gasket</th>
<th>Diffuser</th>
<th>Gasket</th>
<th>Screw</th>
<th>Plug</th>
<th>Plug</th>
<th>Ball Bearing</th>
<th>Ret. Ring</th>
<th>Shaft</th>
<th>Key</th>
<th>Shim</th>
<th>Slinger</th>
<th>Repair Kit</th>
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<tbody>
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</tr>
</tbody>
</table>

* Items 4, 5, 6, & 7 are included in the Repair Kit.

SEAL OPTIONS - (Note: Seal and shaft modifications below are not physically interchangeable. Consult factory for modification data.)

**Viton (R)** A Solvent Mechanical Seal: Mechanical seal for oils, fuels, lubricants, most mineral acids, and many solvents that attack other rubbers such as Carbon Tetrachloride, toluene, benzene, and xylene.

**Teflon(R)** Mechanical Seal: For virtually all industrial chemicals, corrosives and solvents - as limited by compatibility of basic pump metal of construction.

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Specifications are subject to change without notice.