Pump
- Heavy-duty All Bronze marine pump
  Style S - for fresh water. Pump has an alloy bronze sleeve over the motor shaft.
  Style X – for sea water. Pump has a solid cast bronze alloy 954 stub shaft.
- Precision machined to close tolerances for consistent performance.
- Hardware -
  External - Type 300 stainless steel
  Internal – Type 316 stainless steel
- Semi-open impeller for solids to 5/8 inch
- Designed for continuous 24 / 7 operation.

Shaft Seal
- Rated at 125 PSI
- Buna rubber parts, ceramic stationary element, carbon rotating element, seawater stainless steel spring and metal components

Motor
- Totally enclosed fan cooled IP-44 motors meet Marine, European, and Coast Guard ignition protected requirements.
- Sealed ball bearings
- Single phase motors must be ordered specifically for either 60 Hz or 50 Hz.
- Single phase capacitor start
  60 Hz – 115/230 Volt
  50 Hz – 110/220 Volt
- Three phase – nine lead dual voltage
  60 Hz – 230/460 Volt
  50 Hz – 190/380 Volt

To Select a Motorpump
- Establish the capacity (GPM) and head required
- Refer to the 50 Hz or 60 Hz curve to determine the impeller required

To Order Specify
- Model 57122 Motorpump
- Duty (Seawater X or Freshwater S)
- Impeller (Imp) Number
- Motor HP • Hz (60 or 50)
- Phase (1 or 3) • Volts

Model 57122 Suggested Parts Inventory

| Part Number | Name               | Seal Kit has a seal, case gasket and instruction information XXX is impeller diameter
|-------------|--------------------|--------------------------------------------------
| 189.001.118 | Impeller           | 450 = 4.50 inches 500 = 5.00 inches
| 137.080.530.XXX | Impeller     | Example: 450 = 4.50 inches 500 = 5.00 inches

Motor Bearings
- JM140 6207 6203

Motor Dimensions

<table>
<thead>
<tr>
<th>Motor HP</th>
<th>Frame Dimension Table - 1750 - 1450 RPM TEFC Motor</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 Hz</td>
<td></td>
</tr>
<tr>
<td>1 1/2</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>3/4</td>
<td></td>
</tr>
</tbody>
</table>

Impeller vs Motor HP

<table>
<thead>
<tr>
<th>Motor HP</th>
<th>Frame Dimension Table - 1750 - 1450 RPM TEFC Motor</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 Hz</td>
<td></td>
</tr>
<tr>
<td>50 Hz</td>
<td></td>
</tr>
</tbody>
</table>

Impeller Type: Semi-Open

Model Number: ED-122-1450
Pump Size: 2.5 x 2.5 NPT
Impeller Size: P11636

PUMP SIZE: 2.5 X 2.5 NPT
IMPELLER TYPE: SEMI-OPEN
CASE: F1416

PUMP SIZE: 2.5 X 2.5 NPT
IMPELLER TYPE: SEMI-OPEN
MAX SPHERE: 0.93
1636 1416

U.S. GALLONS PER MINUTE
0 9 18 27 36 45 54

CUBIC METERS PER HOUR
0 9 18 27 36 45 54

LITER PER MINUTE
0 9 18 27 36 45 54

CUBIC FEET PER MINUTE
0 9 18 27 36 45 54