**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
- Enclosed impeller for solids to 7/32 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 motors designed for dual frequency 60 Hz or 50 Hz. Connect to either 60 Hz or 50 Hz power.
  - 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 curves to determine the impeller required

To Order Specify
- Model 57016 Motorpump
- Duty (Seawater X or Freshwater S)
- Impeller (Imp) Number
- Motor HP • Hz (60 or 50)
- Phase (1 or 3) • Volts

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**Model 57016 Suggested Parts Inventory**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>189.001.118</td>
<td>Seal Kit</td>
</tr>
<tr>
<td>131.000.808.XXX</td>
<td>Impeller</td>
</tr>
</tbody>
</table>

Seal kit has a seal, case gasket and instruction information

Example: 450 = 4.50 inches 500 = 5.00 inches

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**Motor Bearings**

<table>
<thead>
<tr>
<th>Bearing No.</th>
<th>Motor Frame</th>
<th>Shaft End Size</th>
<th>End Opposite Shaft</th>
</tr>
</thead>
<tbody>
<tr>
<td>JM180</td>
<td>6207</td>
<td>6205</td>
<td></td>
</tr>
<tr>
<td>JM140</td>
<td>6207</td>
<td>6205</td>
<td></td>
</tr>
</tbody>
</table>

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**Graphs**

- Total GPM vs Head
- Impeller vs Motor HP
- HP Ampere Table
- Frame Dimension Table
- Motor Dimensions

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**Repl. SN-57016-N Dec. 15, 2013**

Scot Pump Florida – Ardox Corp  Fort Lauderdale, FL 33315  www.scotpumpmarine.com  SN-57016