Pump
- Heavy-duty All Bronze marine pump
  Style S – for fresh water. Pump has an alloy bronze sleeve over motor shaft.
  Style X – for sea water. Pump has a solid cast bronze alloy 954 stub shaft.
- Pump discharge and suction are machined for Victaulic grooved pipe fittings.
- Hardware:
  - External - Type 300 stainless steel
  - Internal – Type 316 stainless steel
- Enclosed 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

Victaulic System Connector
- The pump case suction and discharge are fitted with a Victaulic coupling and a female pipe fitting which:
  - Reduces vibration transmission
  - Compensates for slight misalignment
  - Accommodates piping system contraction or expansion.
- Agency listing
  - ABS American Bureau of Shipping
  - ANSI Amer. National Standards Institute
  - CE Certif European
  - Lloyds Lloyds Register of Shipping
  - ASHRAE Amer. Soc. Of Heating, Refrig. Engrs
  - ASME Amer. Soc. Mechanical Engrs
  - UL Underwriters Lab
- Pump can be easily removed for service.
  Only two bolts per coupling.

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 motors are 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
- Single phase 50 Hz motors are special order

Model 58121 Suggested Parts Inventory
- Seal Kit
  Part Number: 189.001.118 Sealing Kit
  Impeller
  Part Number: 131.000.805.XXX Impeller
  XXX is impeller diameter
  Example: 450 = 4.50 inches

Impeller vs Motor HP

Motor Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Frame</th>
<th>Dimension (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>58121</td>
<td>2F</td>
<td>17.12</td>
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<tr>
<td></td>
<td>2F</td>
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<td></td>
<td>2F</td>
<td>1.00</td>
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</tbody>
</table>

Model 58121
- Motor HP
  - Frame: 2F
  - BHP: 10
  - RPM: 2900
  - Impeller Diameter: 4.50 inches

Motor Bearings

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