**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.
- 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 1/2 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**
- Designed for dual frequency 60 Hz or 50 Hz.
  Connect to 60 Hz or 50 Hz power.
- Three-phase – nine lead dual voltage
  - 60 Hz – 230/460 Volt
  - 50 Hz – 190/380 Volt
- Sealed ball bearings

**Motor Dimensions**

<table>
<thead>
<tr>
<th>Frame</th>
<th>M</th>
<th>D</th>
<th>E</th>
<th>2F</th>
<th>AB</th>
<th>BA</th>
<th>MH</th>
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<tr>
<td>145</td>
<td>12.00</td>
<td>3.50</td>
<td>2.75</td>
<td>5.00</td>
<td>5.25</td>
<td>2.88</td>
<td>.34</td>
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<tr>
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<td>3.50</td>
<td>2.75</td>
<td>4.00</td>
<td>5.25</td>
<td>2.88</td>
<td>.34</td>
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</tbody>
</table>

**Impeller vs Motor HP**

<table>
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<tr>
<th>Imp No.</th>
<th>Motor HP</th>
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<tr>
<td>650</td>
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<tr>
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<tr>
<td>563</td>
<td>1 1 143</td>
</tr>
<tr>
<td>538</td>
<td>3/4 3/4 143</td>
</tr>
</tbody>
</table>

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 70054-4 Motorpump
- Duty (Style S –Fresh Water or Style X-Sea Water)
- Impeller (Imp) Number
- Motor HP