SCOT

Bronze Marine Motorpump™
Victaulic Grooved Suction and Discharge Ports
2 1/2 x 2 4 Pole 1750-1450 RPM 60-50 Hz

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>D</th>
<th>E</th>
<th>2F</th>
<th>AB</th>
<th>BA</th>
<th>M</th>
<th>MH</th>
</tr>
</thead>
<tbody>
<tr>
<td>145</td>
<td>3.50</td>
<td>2.75</td>
<td>5.00</td>
<td>5.25</td>
<td>2.88</td>
<td>12.00</td>
<td>.34</td>
</tr>
<tr>
<td>143</td>
<td>3.50</td>
<td>2.75</td>
<td>4.00</td>
<td>5.25</td>
<td>2.88</td>
<td>12.00</td>
<td>.34</td>
</tr>
</tbody>
</table>

Impeller vs Motor HP

<table>
<thead>
<tr>
<th>Impeller No.</th>
<th>Motor HP 60 Hz</th>
<th>Motor HP 50 Hz</th>
<th>Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>650</td>
<td>1 1/2</td>
<td>1 1/2</td>
<td>145</td>
</tr>
<tr>
<td>600</td>
<td>1</td>
<td>1</td>
<td>143</td>
</tr>
<tr>
<td>525</td>
<td>3/4</td>
<td>3/4</td>
<td>143</td>
</tr>
<tr>
<td>463</td>
<td>1/3</td>
<td>1/3</td>
<td>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 70052-4 Motorpump
- Duty (Style S-Fresh Water or Style X-Sea Water)
- Impeller (Imp) Number
- Motor HP

Scot Pump Florida – Ardox Corp Fort Lauderdale, FL 33315 www.scotpumpmarine.com SN-70052-4
Repl. March 5, 2014