SCOT Bronze Marine Motorpump™

Model 72050
2 x 1 1/2 NPT  2 Pole  3450-2900 RPM  60-50 Hz

JANUARY 2, 2014

Pump
- Heavy-duty All Bronze marine pump
  Seawater or freshwater application models
  Seawater duty models have bronze shafts
- 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.
- 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
- Sealed ball bearings

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 72050 Motorpump
- Duty (Seawater or Freshwater)
- Impeller (Imp) Number
- Motor HP

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<tr>
<th>Motor Dimensions</th>
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<tr>
<th>Impeller vs Motor HP</th>
<th>Amperes</th>
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<tr>
<td></td>
<td>3450-2900 RPM</td>
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<tr>
<td></td>
<td>60 Hz 50 Hz</td>
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<tr>
<td>Imp</td>
<td>Motor HP</td>
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<td>60 Hz HP</td>
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<td>50 Hz HP</td>
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<td>Frame 3450-2900</td>
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<td>230 V 380 V</td>
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<td>5 3</td>
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<td>12.6 5.3</td>
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<td>7.6 3.9</td>
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Three phase amps for 460 V 60 Hz is one half 230 V amps

Suggested Parts Inventory
- Seal Kit
- One seal and install instructions
- 189.001.172
One O-Ring case gasket
- Impeller
- XXX is the impeller diameter
- 131.000.829.XXX
- 600

Motor Bearings
- JM180 6207 6205

Impeller vs Motor HP
- 60 Hz
- 50 Hz
- 3450 RPM
- 2900 RPM
- 1.0 S.G. 70°F
- U.S. GALLONS PER HOUR
- CUBIC METERS PER HOUR
- 0 4 9 14 18 23
- NPSH REQ.
- 0 5 10 15 20 25 30 35 40 45 50 54 58 62 66 70 74 78 82 86 90 94 98 102 106 110 114 118 122
- 0 4 9 14 18 23
- U.S. GALLONS PER MINUTE
- CUBIC METERS PER HOUR
- 0 4 9 14 18 23
- NPSH REQ.
- 0 5 10 15 20 25 30 35 40 45 50 54 58 62 66 70 74 78 82 86 90 94 98 102 106 110 114 118 122