Model: 12" 4P Submersible Motor

<table>
<thead>
<tr>
<th>WATER</th>
<th>Type</th>
<th>100 HP</th>
<th>129 AMPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Phase</td>
<td>460 Volt</td>
<td>1730 RPM</td>
</tr>
<tr>
<td>1.15</td>
<td>S.F.</td>
<td>30Deg.C</td>
<td>Max.Amb.Water</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>4250 Kg Thrust Load</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>480 mm Stack</td>
</tr>
</tbody>
</table>

Date: 1/07/2014

Full Load Torque 414 Nm
Locked Rotor Torque 605 Nm 25%
Locked Rotor Current 677 Amps 50%
Winding Resistance 0.12 Ohms 75%
Weight (With Water) 370 Kg (Approximate) 100%

Break Down Torque 1105 Nm No Load 0 0 3 0 0.08 1800 49.5
Locked Rotor Torque 605 Nm 25% 19 25 23 82.0 0.50 1785 57.4
Locked Rotor Current 677 Amps 50% 38 50 43 87.8 0.70 1765 76.3
Winding Resistance 0.12 Ohms 75% 56 75 63 88.9 0.79 1750 100.8
Weight (With Water) 370 Kg (Approximate) 100% 75 101 85 88.5 0.63 1730 129.0
125% 94 126 107 87.3 0.84 1705 161.1

Graphs showing:
- Output Torque vs Speed
- Additional Input Watts due to Thrust

Diagram shows output power (HP) vs RPM, with AMPS, RPM, and EFF & P.F. data points.