**MOTOR PERFORMANCE DATA**

**Model:** 8” 4P Submersible Motor

<table>
<thead>
<tr>
<th>WATER</th>
<th>Type</th>
<th>40 HP</th>
<th>RPM</th>
<th>69 AMPS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase</td>
<td>460 Volt</td>
<td>1695</td>
<td>60 Hertz</td>
<td>4540 Kg Thrust Load</td>
</tr>
<tr>
<td>1.15 S.F.</td>
<td>30Deg.C Max.Amb.Water</td>
<td>670 mm Slack</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Date:** 6/2/2014

- **Full Load Torque:** 169 Nm
- **Break Down Torque:** 388 Nm
- **Locked Rotor Torque:** 250 Nm
- **Locked Rotor Current:** 250 Amps
- **Winding Resistance:** 0.38 Ohms
- **Weight (With Water):** 180 Kg (Approximate)

### Additional Input Watts Due to Thrust

![Graph showing additional input watts due to thrust](image)

### Output Torque vs Speed

![Graph showing output torque vs speed](image)