



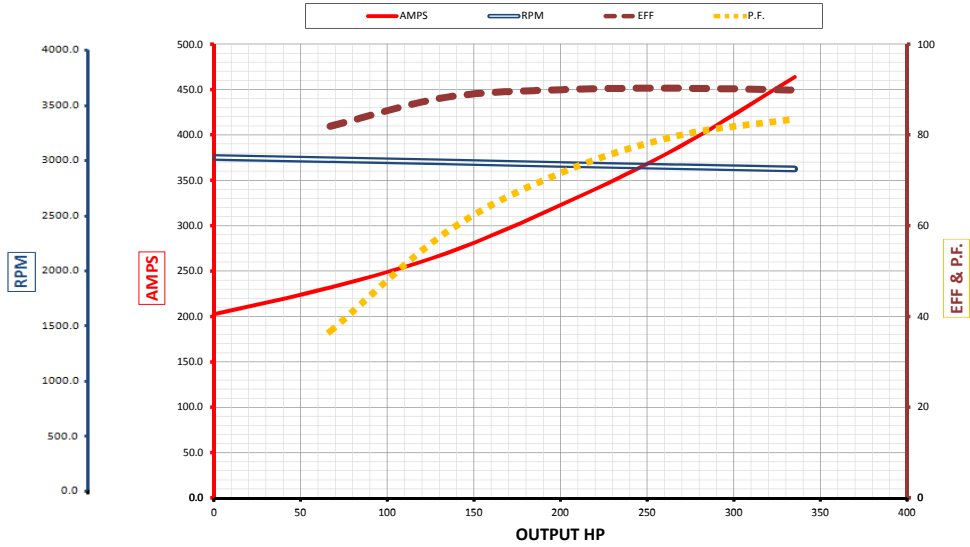
MOTOR PERFORMANCE DATA

Model: **10" 2P Submersible Motor**

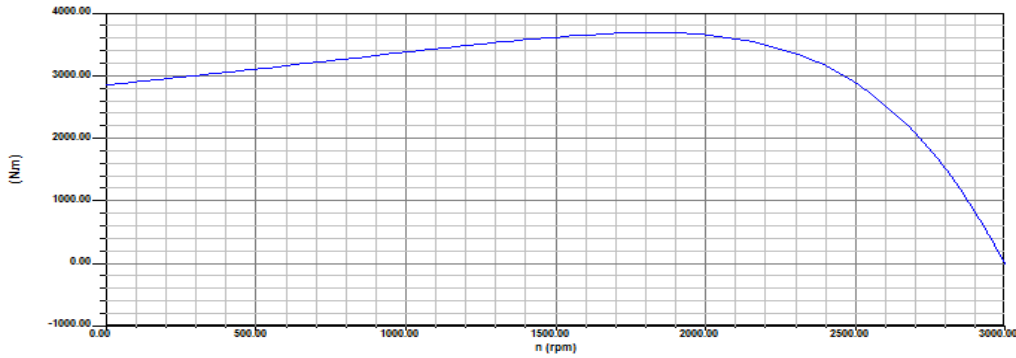
| | | | | | |
|--------------|-------|----------------|---------------|-------------|----------------|
| WATER | Type | 270 | HP | 386 | AMPS |
| 3 | Phase | 415 | Volt | 2920 | RPM |
| 1.15 | S.F. | 30Deg.C | Max.Amb.Water | 50 | Hertz |
| | | | | 4540 | Kg Thrust Load |

| | |
|--------------|-------------------|
| Date: | 18/06/2014 |
| 270 | HP |
| 2920 | RPM |
| 1300 | mm Stack |

| | | | Load | KW out | HP | KW in | EFF | P.F. | RPM | AMPS |
|----------------------|-------------|------------------|----------------|------------|------------|------------|-------------|-------------|-------------|--------------|
| Full Load Torque | 654 | Nm | No Load | 0 | 0 | 7 | 0 | 0.05 | 3000 | 202.4 |
| Break Down Torque | 3688 | Nm | 25% | 50 | 67 | 61 | 81.9 | 0.37 | 2980 | 231.8 |
| Locked Rotor Torque | 2853 | Nm | 50% | 100 | 134 | 113 | 88.3 | 0.59 | 2960 | 269.5 |
| Locked Rotor Current | 2318 | Amps | 75% | 150 | 201 | 167 | 90.0 | 0.72 | 2940 | 323.5 |
| Winding Resistance | 0.03 | Ohms | 100% | 200 | 268 | 222 | 90.3 | 0.80 | 2920 | 386.3 |
| Weight (With Water) | 700 | Kg (Approximate) | 125% | 250 | 335 | 278 | 89.9 | 0.84 | 2900 | 463.8 |



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

