



MOTOR PERFORMANCE DATA

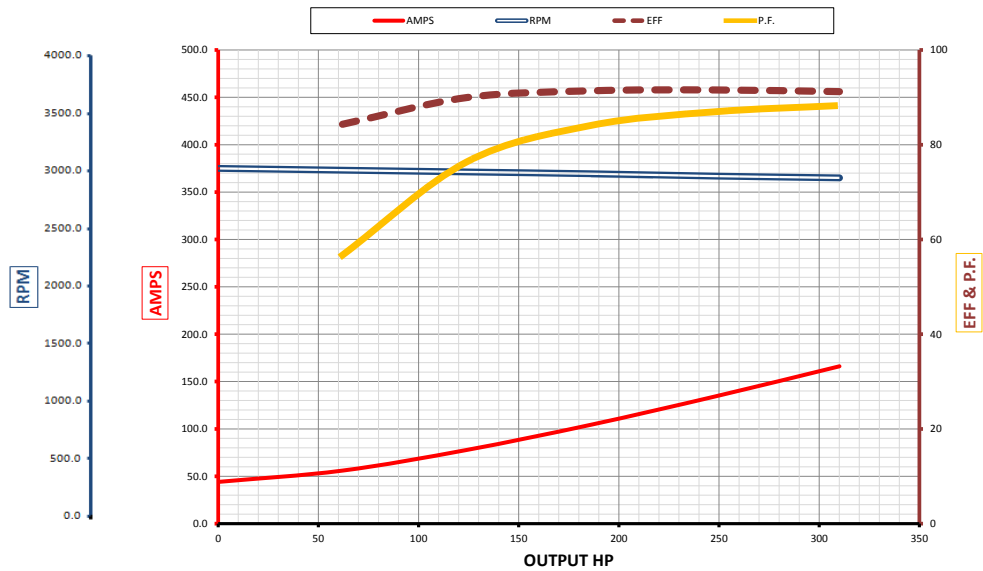
Model: **12" 2P Submersible Motor**

| | | | |
|--------------|-------|----------------|---------------|
| WATER | Type | 250 | HP |
| 3 | Phase | 1000 | Volt |
| 1.15 | S.F. | 30Deg.C | Max.Amb.Water |

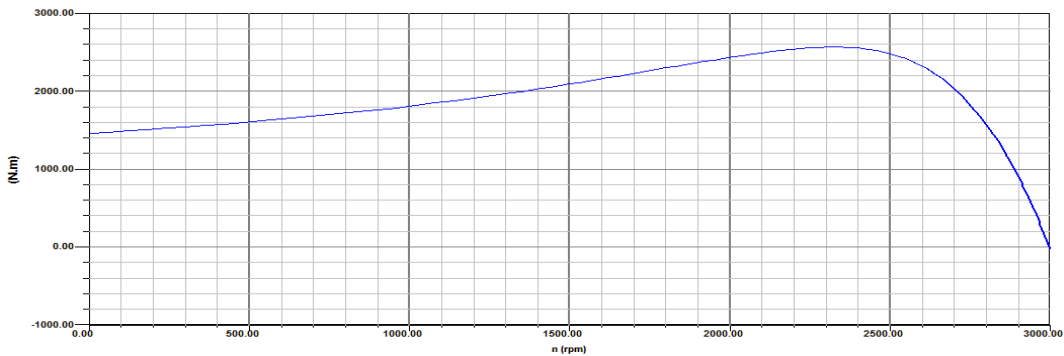
| | |
|-------------|----------------|
| 134 | AMPS |
| 2935 | RPM |
| 50 | Hertz |
| 4540 | Kg Thrust Load |

| | |
|-------------------------|----------|
| Date: 14/04/2015 | |
| 250 | HP |
| 2935 | RPM |
| 900 | mm Stack |

| | | | Load | KW out | HP | KW in | EFF | P.F. | RPM | AMPS |
|----------------------|-------------|------------------|----------------|--------|-----|-------|------|-------------|-------------|--------------|
| Full Load Torque | 601 | Nm | No Load | 0 | 0 | 9 | 0 | 0.12 | 3000 | 44.1 |
| Break Down Torque | 2567 | Nm | 25% | 46 | 62 | 55 | 84.3 | 0.57 | 2985 | 56.0 |
| Locked Rotor Torque | 1463 | Nm | 50% | 93 | 124 | 103 | 90.0 | 0.76 | 2970 | 77.8 |
| Locked Rotor Current | 806 | Amps | 75% | 139 | 186 | 152 | 91.4 | 0.84 | 2955 | 104.4 |
| Winding Resistance | 0.20 | Ohms | 100% | 185 | 248 | 202 | 91.6 | 0.87 | 2935 | 134.3 |
| Weight (With Water) | 790 | Kg (Approximate) | 125% | 231 | 310 | 254 | 91.2 | 0.88 | 2920 | 166.1 |



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

