

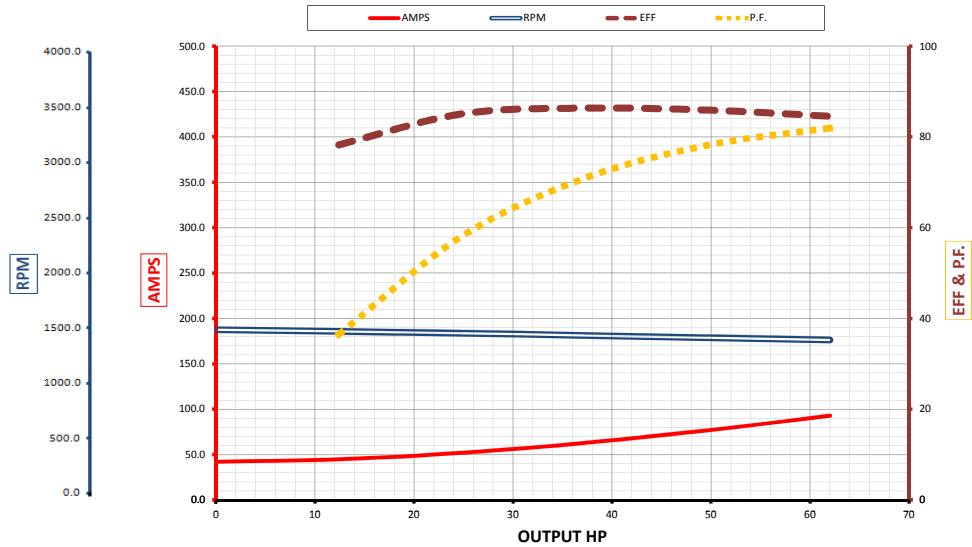


MOTOR PERFORMANCE DATA

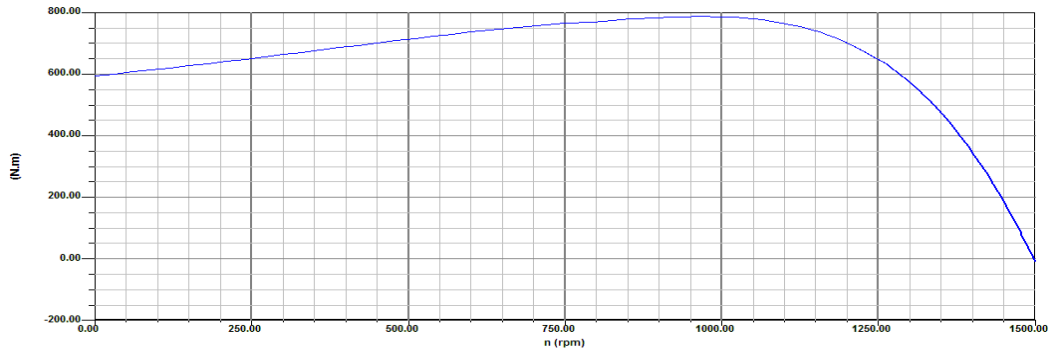
Model: **10" 4P Submersible Motor**

| | | | | | | |
|--------------|-------|----------------|---------------|-------------|----------------|---|
| WATER | Type | 50 | HP | 77 | AMPS | Date: 18/06/2014 50 HP 1430 RPM 500 mm Stack |
| 3 | Phase | 415 | Volt | 1430 | RPM | |
| 1.15 | S.F. | 30Deg.C | Max.Amb.Water | 50 | Hertz | |
| | | | | 4540 | Kg Thrust Load | |

| | | | Load | KW out | HP | KW in | EFF | P.F. | RPM | AMPS |
|----------------------|-------------|------------------|---------|--------|----|-------|------|-------------|-------------|-------------|
| Full Load Torque | 247 | Nm | No Load | 0.0 | 0 | 1.7 | 0 | 0.06 | 1500 | 42.3 |
| Break Down Torque | 787 | Nm | 25% | 9.3 | 12 | 11.8 | 78.3 | 0.36 | 1485 | 45.0 |
| Locked Rotor Torque | 594 | Nm | 50% | 18.5 | 25 | 21.7 | 85.1 | 0.58 | 1470 | 52.0 |
| Locked Rotor Current | 461 | Amps | 75% | 27.8 | 37 | 32.1 | 86.4 | 0.71 | 1450 | 63.1 |
| Winding Resistance | 0.28 | Ohms | 100% | 37.0 | 50 | 43.1 | 85.9 | 0.78 | 1430 | 76.8 |
| Weight (With Water) | 265 | Kg (Approximate) | 125% | 46.3 | 62 | 54.7 | 84.6 | 0.82 | 1410 | 93.0 |



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

