

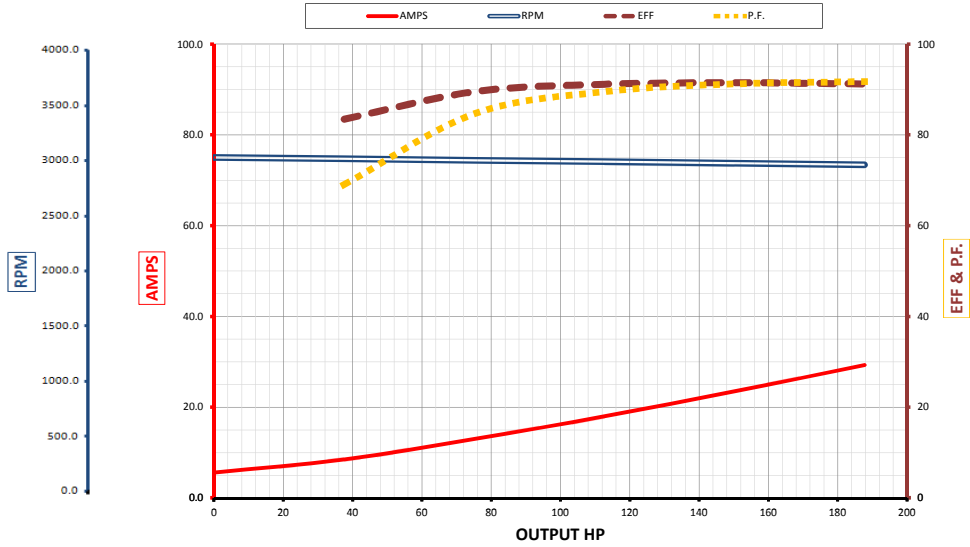


MOTOR PERFORMANCE DATA

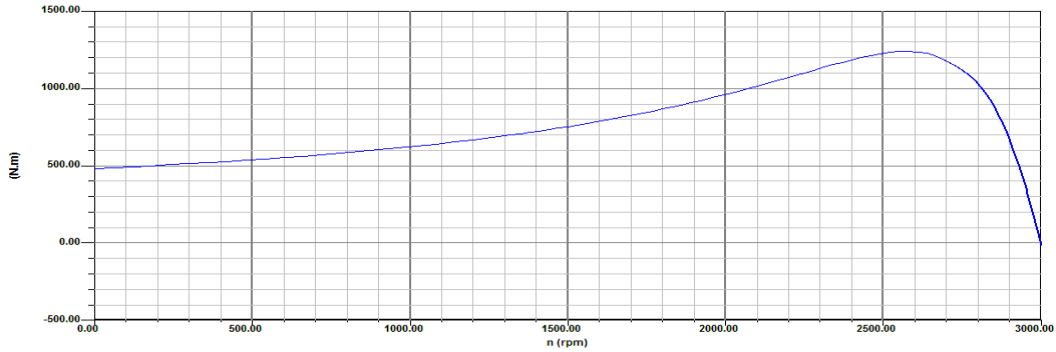
Model: **14" 2P Submersible Motor**

| | | | | | | |
|--------------|-------|---------|---------------|------|----------------|---|
| WATER | Type | 150 | HP | 24 | AMPS | Date: 5/04/2013 150 HP 2950 RPM 900 mm Stack |
| 3 | Phase | 3300 | Volt | 2950 | 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 | 362 | Nm | No Load | 0 | 0 | 5 | 0 | 0.16 | 3000 | 5.6 |
| Break Down Torque | 1240 | Nm | 25% | 28.0 | 37.5 | 34 | 83.4 | 0.69 | 2988 | 8.5 |
| Locked Rotor Torque | 481 | Nm | 50% | 56.0 | 75.1 | 63 | 89.5 | 0.85 | 2976 | 13.0 |
| Locked Rotor Current | 141 | Amps | 75% | 84.0 | 112.6 | 92 | 91.1 | 0.90 | 2964 | 18.0 |
| Winding Resistance | 3.54 | Ohms | 100% | 112.0 | 150.2 | 123 | 91.5 | 0.91 | 2950 | 23.5 |
| Weight (With Water) | 880 | Kg (Approximate) | 125% | 140.0 | 187.7 | 154 | 91.2 | 0.92 | 2936 | 29.3 |



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

