

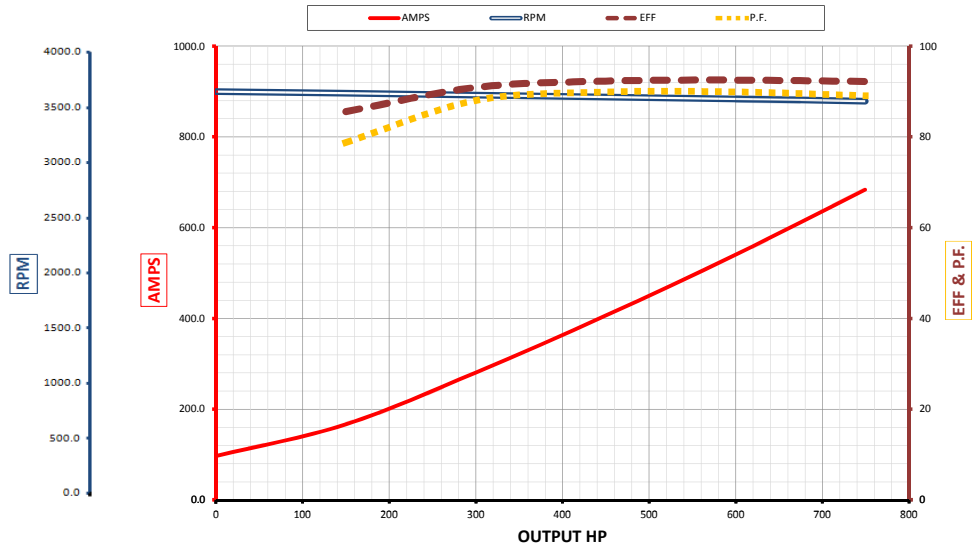


MOTOR PERFORMANCE DATA

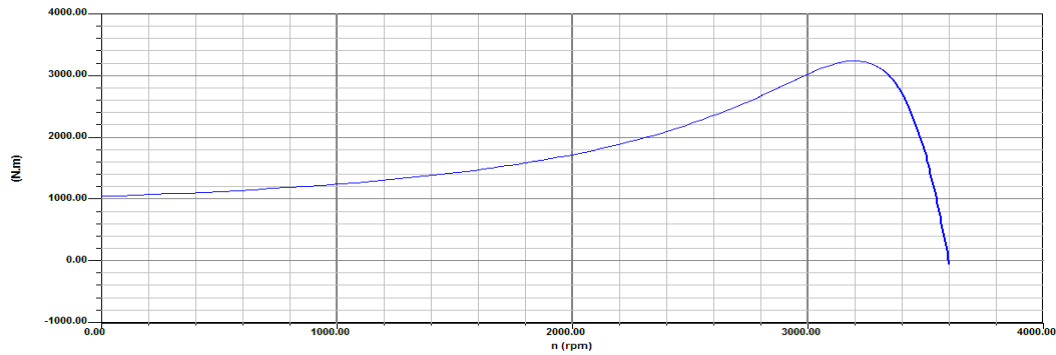
Model: **14" 2P Submersible Motor**

| | | | | | | |
|--------------|-------|----------------|---------------|-------------|----------------|--|
| WATER | Type | 600 | HP | 540 | AMPS | Date: 5/08/2014 600 HP 3535 RPM 1200 mm Stack |
| 3 | Phase | 575 | Volt | 3535 | RPM | |
| 1.15 | S.F. | 30Deg.C | Max.Amb.Water | 60 | Hertz | |
| | | | | 4540 | Kg Thrust Load | |

| | | | Load | KW out | HP | KW in | EFF | P.F. | RPM | AMPS |
|----------------------|--------------|------------------|----------------|------------|------------|------------|-------------|-------------|-------------|--------------|
| Full Load Torque | 1208 | Nm | No Load | 0 | 0 | 18 | 0 | 0.19 | 3600 | 96.9 |
| Break Down Torque | 3242 | Nm | 25% | 112 | 150 | 131 | 85.6 | 0.79 | 3585 | 166.6 |
| Locked Rotor Torque | 1053 | Nm | 50% | 224 | 300 | 246 | 90.9 | 0.88 | 3570 | 280.8 |
| Locked Rotor Current | 3002 | Amps | 75% | 335 | 450 | 363 | 92.3 | 0.90 | 3553 | 406.3 |
| Winding Resistance | 0.019 | Ohms | 100% | 447 | 599 | 483 | 92.5 | 0.90 | 3535 | 540.2 |
| Weight (With Water) | 1330 | Kg (Approximate) | 125% | 559 | 749 | 606 | 92.2 | 0.89 | 3515 | 684.0 |



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

