

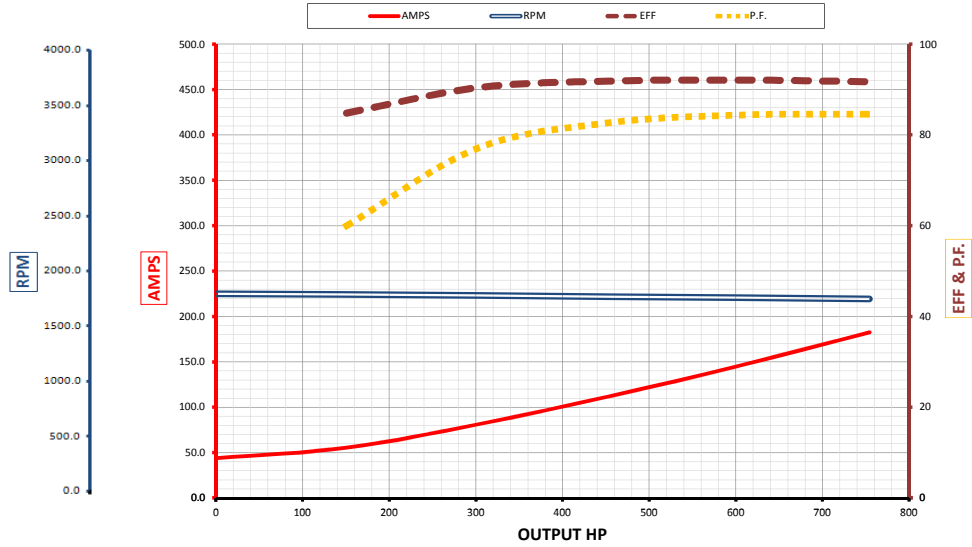


MOTOR PERFORMANCE DATA

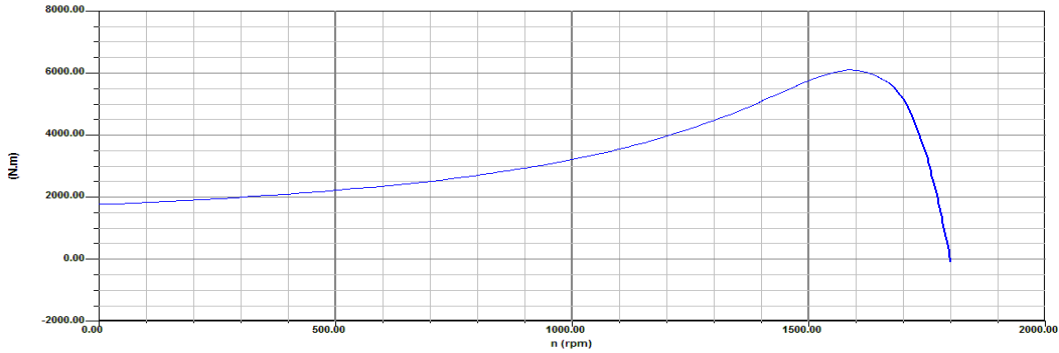
Model: **16" 4P Submersible Motor**

| | | | | | | |
|--------------|-------|----------------|---------------|-------------|----------------|---|
| WATER | Type | 600 | HP | 146 | AMPS | Date: 25/09/2014 600 HP 1765 RPM 1300 mm Stack |
| 3 | Phase | 2300 | Volt | 1765 | 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 | 2435 | Nm | No Load | 0 | 0 | 17 | 0 | 0.09 | 1800 | 44.0 |
| Break Down Torque | 6100 | Nm | 25% | 112.5 | 150.9 | 133 | 84.8 | 0.60 | 1793 | 55.5 |
| Locked Rotor Torque | 1772 | Nm | 50% | 225.0 | 301.7 | 249 | 90.4 | 0.77 | 1785 | 81.2 |
| Locked Rotor Current | 732 | Amps | 75% | 337.5 | 452.6 | 368 | 91.8 | 0.83 | 1775 | 111.8 |
| Winding Resistance | 0.31 | Ohms | 100% | 450.0 | 603.5 | 489 | 92.1 | 0.84 | 1765 | 145.6 |
| Weight (With Water) | 1900 | Kg (Approximate) | 125% | 562.5 | 754.3 | 613 | 91.7 | 0.85 | 1755 | 182.4 |



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

