

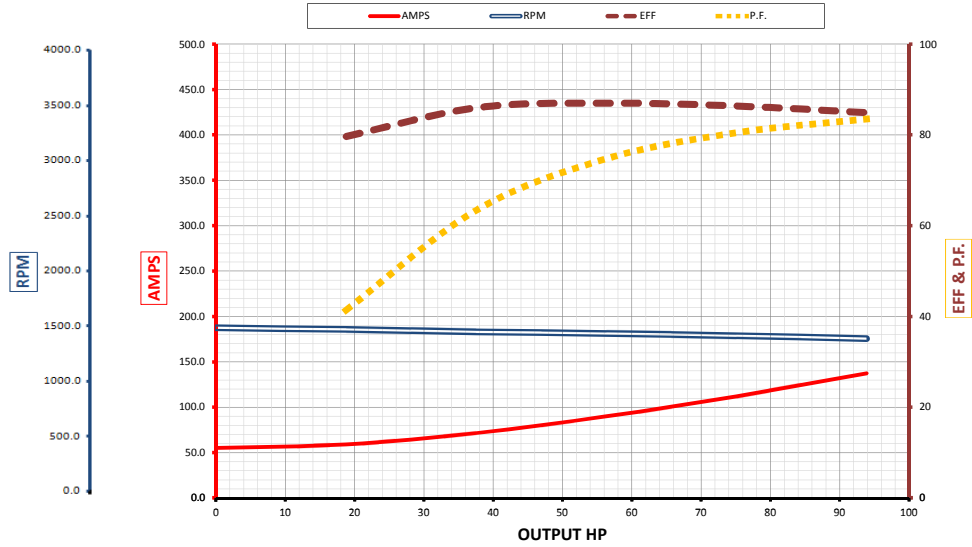


MOTOR PERFORMANCE DATA

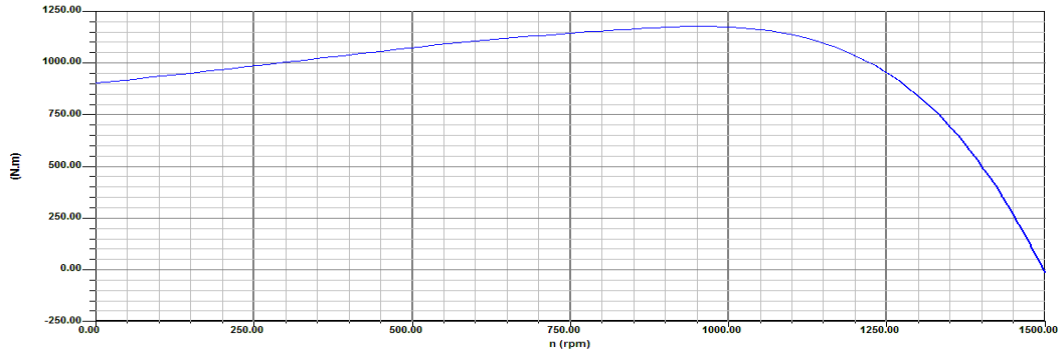
Model: **10" 4P Submersible Motor**

| | | | | | | |
|--------------|-------|----------------|---------------|-------------|----------------|---|
| WATER | Type | 75 | HP | 112 | AMPS | Date: 18/06/2014 75 HP 1430 RPM 800 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 | 374 | Nm | No Load | 0 | 0 | 2.5 | 0 | 0.06 | 1500 | 55.2 |
| Break Down Torque | 1177 | Nm | 25% | 14 | 19 | 17.6 | 79.7 | 0.41 | 1485 | 59.2 |
| Locked Rotor Torque | 902 | Nm | 50% | 28 | 38 | 32.6 | 86.0 | 0.63 | 1465 | 71.6 |
| Locked Rotor Current | 673 | Amps | 75% | 42 | 56 | 48.3 | 87.0 | 0.75 | 1450 | 90.0 |
| Winding Resistance | 0.17 | Ohms | 100% | 56 | 75 | 64.8 | 86.4 | 0.81 | 1430 | 112.1 |
| Weight (With Water) | 420 | Kg (Approximate) | 125% | 70 | 94 | 82.4 | 84.9 | 0.84 | 1405 | 137.4 |



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

