



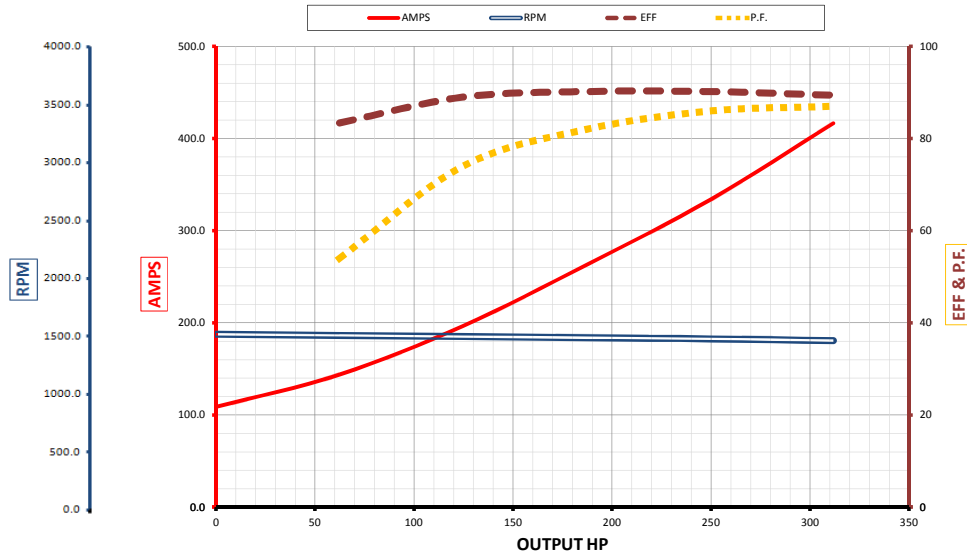
MOTOR PERFORMANCE DATA

Model: **14" 4P Submersible Motor**

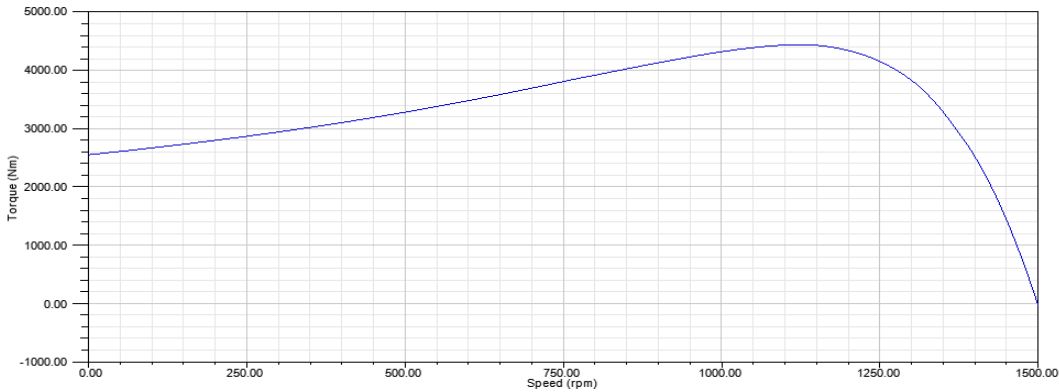
| | | |
|-------------------|------------------------------|----------------------------|
| WATER Type | 250 HP | 334 AMPS |
| 3 Phase | 415 Volt | 1460 RPM |
| 1.15 S.F. | 30Deg.C Max.Amb.Water | 50 Hertz |
| | | 4540 Kg Thrust Load |

| | |
|---------------------|-------------------|
| Date: | 19/06/2014 |
| 250 HP | |
| 1460 RPM | |
| 900 mm Stack | |

| | | | Load | KW out | HP | KW in | EFF | P.F. | RPM | AMPS |
|----------------------|-----------------------------|--|---------|------------|------------|------------|-------------|-------------|-------------|--------------|
| Full Load Torque | 1218 Nm | | No Load | 0 | 0 | 7 | 0 | 0.09 | 1500 | 108.9 |
| Break Down Torque | 4426 Nm | | 25% | 47 | 62 | 56 | 83.4 | 0.54 | 1490 | 143.9 |
| Locked Rotor Torque | 2548 Nm | | 50% | 93 | 125 | 105 | 89.0 | 0.74 | 1480 | 196.7 |
| Locked Rotor Current | 2110 Amps | | 75% | 140 | 187 | 155 | 90.2 | 0.82 | 1470 | 262.8 |
| Winding Resistance | 0.04 Ohms | | 100% | 186 | 250 | 206 | 90.2 | 0.86 | 1460 | 334.0 |
| Weight (With Water) | 960 Kg (Approximate) | | 125% | 233 | 312 | 260 | 89.4 | 0.87 | 1445 | 416.4 |



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

