



MOTOR PERFORMANCE DATA

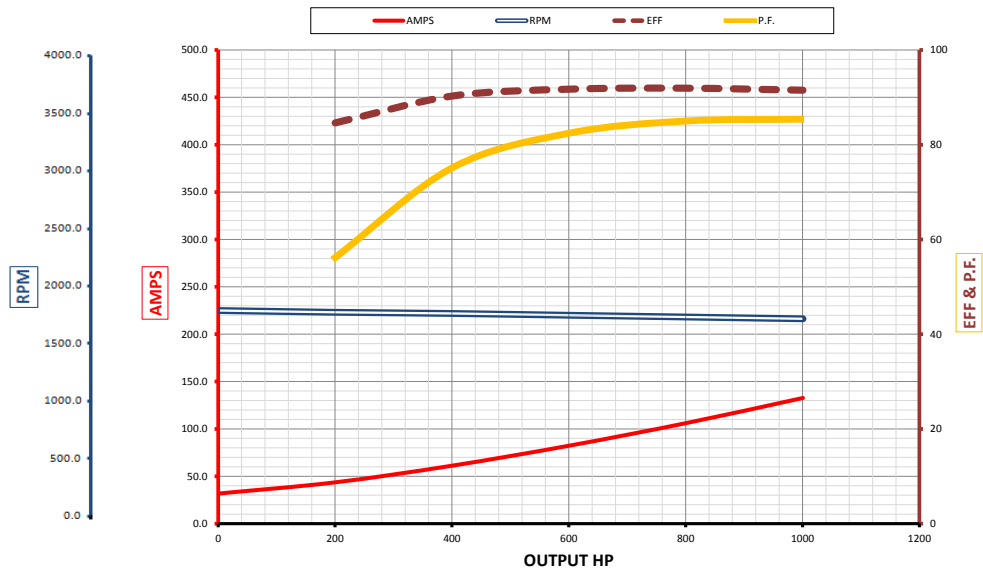
Model: **22" 4P Submersible Motor**

| | | | |
|--------------|-------|----------------|---------------|
| WATER | Type | 800 | HP |
| 3 | Phase | 4160 | Volt |
| 1.15 | S.F. | 30Deg.C | Max.Amb.Water |

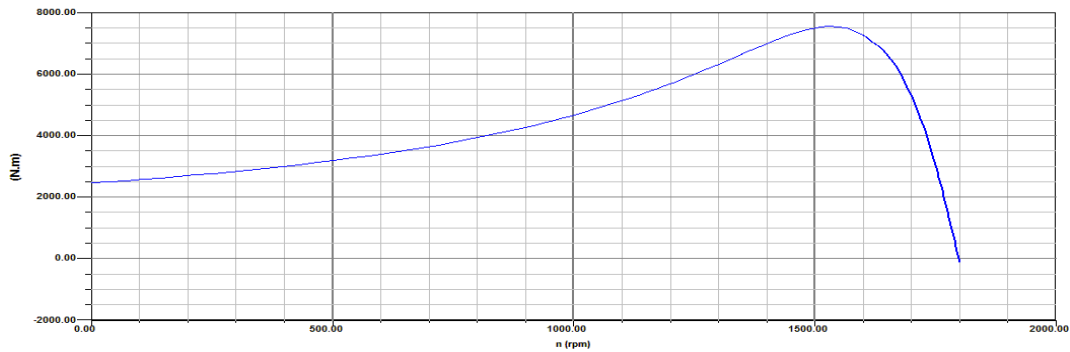
| | |
|-------------|----------------|
| 106 | AMPS |
| 1745 | RPM |
| 60 | Hertz |
| 4540 | Kg Thrust Load |

| | |
|-------------------------|----------|
| Date: 16/01/2015 | |
| 800 | HP |
| 1745 | RPM |
| 1150 | mm Stack |

| | | | Load | KW out | HP | KW in | EFF | P.F. | RPM | AMPS |
|----------------------|-------------|------------------|----------------|--------|------|-------|------|------|------|-------|
| Full Load Torque | 3265 | Nm | No Load | 0 | 0 | 25 | 0 | 0.11 | 1800 | 31.7 |
| Break Down Torque | 7558 | Nm | 25% | 149 | 200 | 176 | 84.6 | 0.56 | 1785 | 43.6 |
| Locked Rotor Torque | 2472 | Nm | 50% | 299 | 400 | 331 | 90.3 | 0.75 | 1775 | 61.2 |
| Locked Rotor Current | 471 | Amps | 75% | 448 | 600 | 488 | 91.7 | 0.82 | 1760 | 82.3 |
| Winding Resistance | 0.46 | Ohms | 100% | 597 | 801 | 649 | 91.9 | 0.85 | 1745 | 106.1 |
| Weight (With Water) | 2600 | Kg (Approximate) | 125% | 746 | 1001 | 816 | 91.5 | 0.85 | 1730 | 132.7 |



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

