



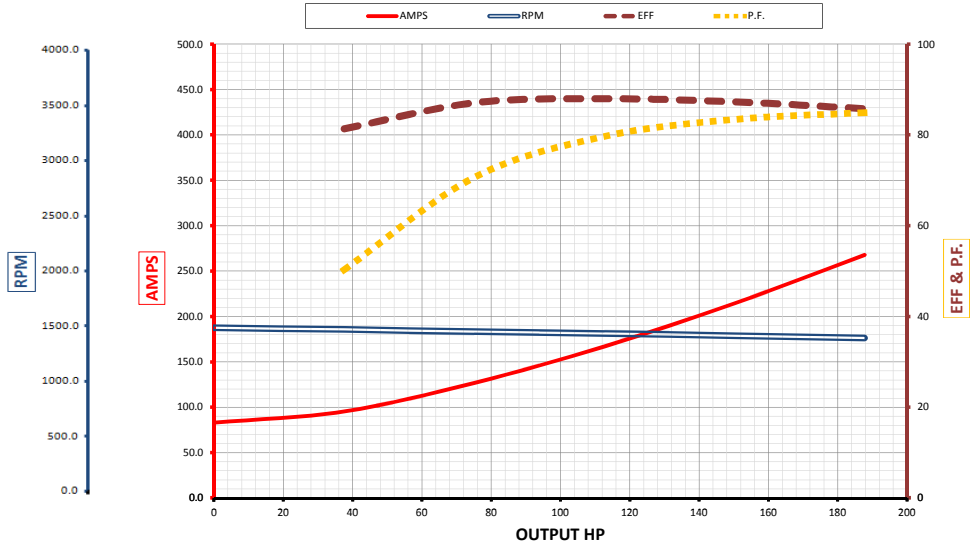
MOTOR PERFORMANCE DATA

Model: **12" 4P Submersible Motor**

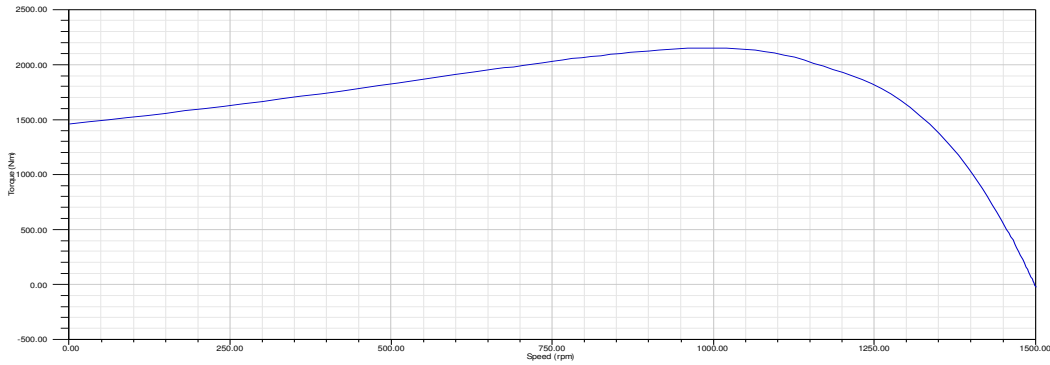
WATER	Type	150	HP	215	AMPS
3	Phase	415	Volt	1430	RPM
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz
				4540	Kg Thrust Load

Date:	19/06/2014
150	HP
1430	RPM
870	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	748	Nm	No Load	0	0	5	0	0.09	1500	82.9
Break Down Torque	2150	Nm	25%	28	38	34	81.3	0.50	1485	95.3
Locked Rotor Torque	1462	Nm	50%	56	75	64	87.0	0.71	1465	126.8
Locked Rotor Current	1207	Amps	75%	84	113	96	87.9	0.80	1450	167.0
Winding Resistance	0.08	Ohms	100%	112	150	128	87.2	0.83	1430	214.5
Weight (With Water)	630	Kg (Approximate)	125%	140	188	163	85.7	0.85	1410	267.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

