



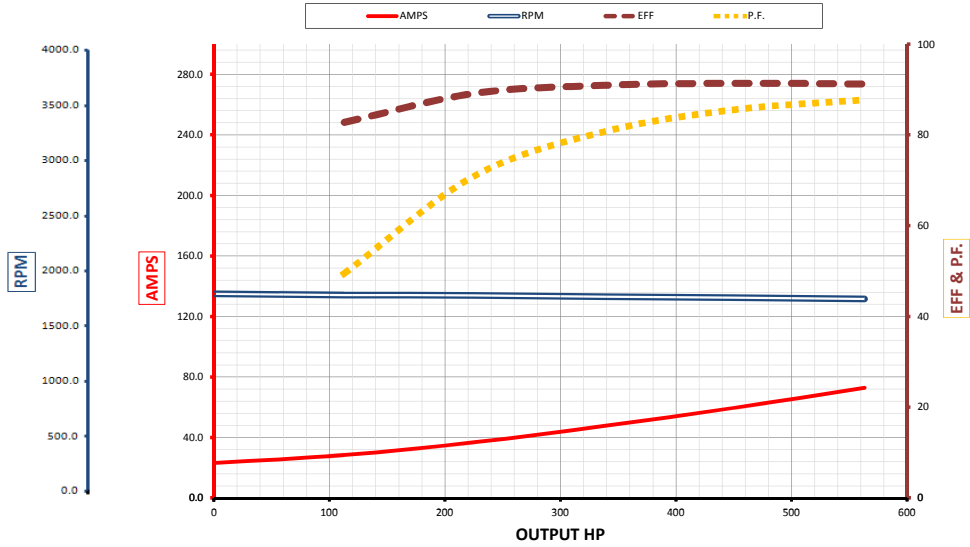
MOTOR PERFORMANCE DATA

Model: **18" 4P Submersible Motor**

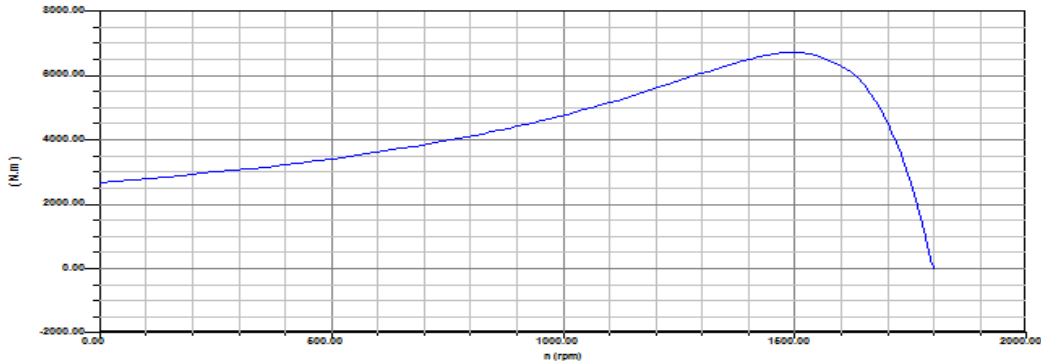
WATER	Type	450	HP	60	AMPS
3	Phase	4160	Volt	1765	RPM
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz
				4540	Kg Thrust Load

Date:	13/07/2012
450	HP
1765	RPM
1100	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	1816	Nm	No Load	0	0	16	0	0.10	1800	23.3
Break Down Torque	6711	Nm	25%	84	113	102	82.7	0.49	1790	28.5
Locked Rotor Torque	2685	Nm	50%	168	225	188	89.2	0.71	1785	36.9
Locked Rotor Current	358	Amps	75%	252	338	277	91.0	0.81	1775	47.7
Winding Resistance	1.47	Ohms	100%	336	451	368	91.4	0.86	1765	59.7
Weight (With Water)	2120	Kg (Approximate)	125%	420	563	460	91.2	0.88	1755	72.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

