

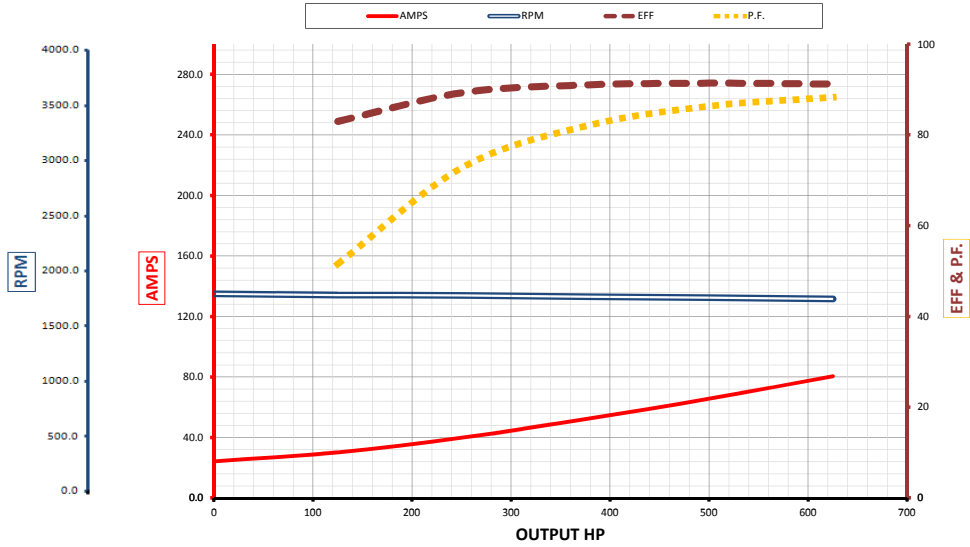


MOTOR PERFORMANCE DATA

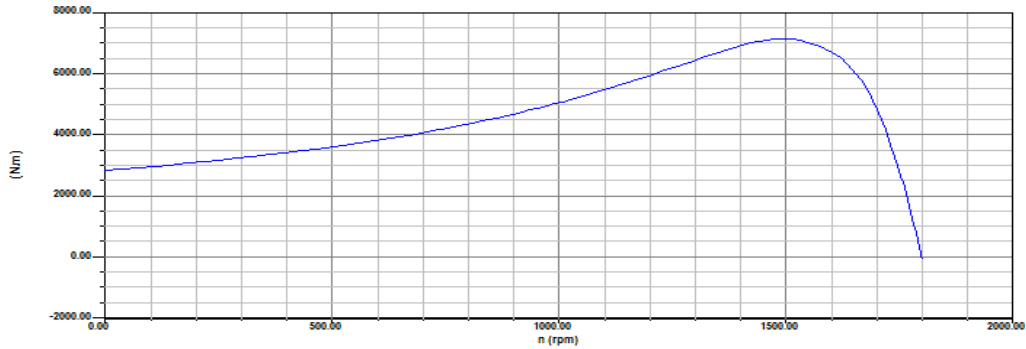
Model: **18" 4P Submersible Motor**

WATER	Type	500	HP	66	AMPS	Date: 10/07/2012 500 HP 1765 RPM 1200 mm Stack
3	Phase	4160	Volt	1765	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	2018	Nm	No Load	0	0	18	0	0.10	1800	24.3
Break Down Torque	7137	Nm	25%	93	125	112	83.0	0.52	1790	30.3
Locked Rotor Torque	2844	Nm	50%	187	250	209	89.3	0.73	1785	39.9
Locked Rotor Current	394	Amps	75%	280	375	308	91.0	0.82	1775	52.2
Winding Resistance	1.36	Ohms	100%	373	500	408	91.4	0.86	1765	65.7
Weight (With Water)	2300	Kg (Approximate)	125%	466	625	512	91.1	0.88	1755	80.5



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

