

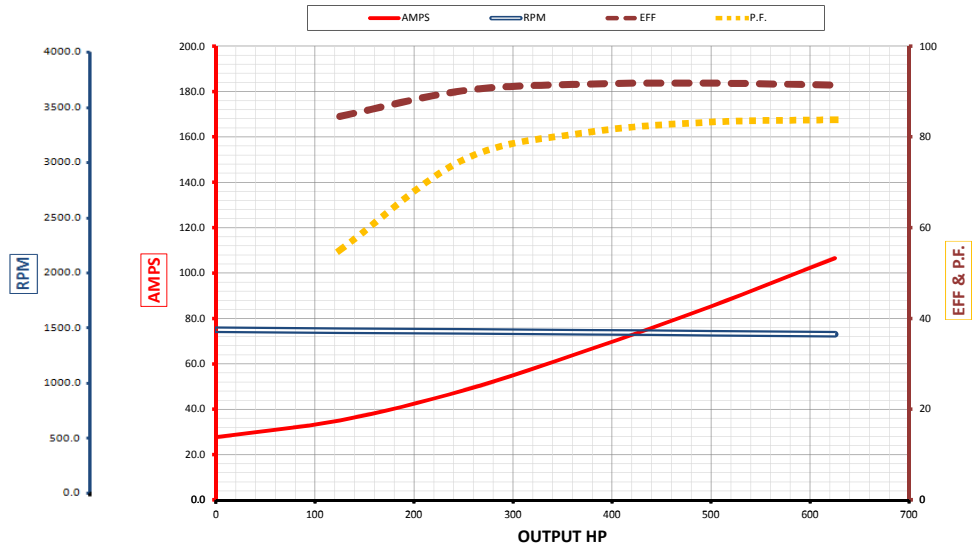


MOTOR PERFORMANCE DATA

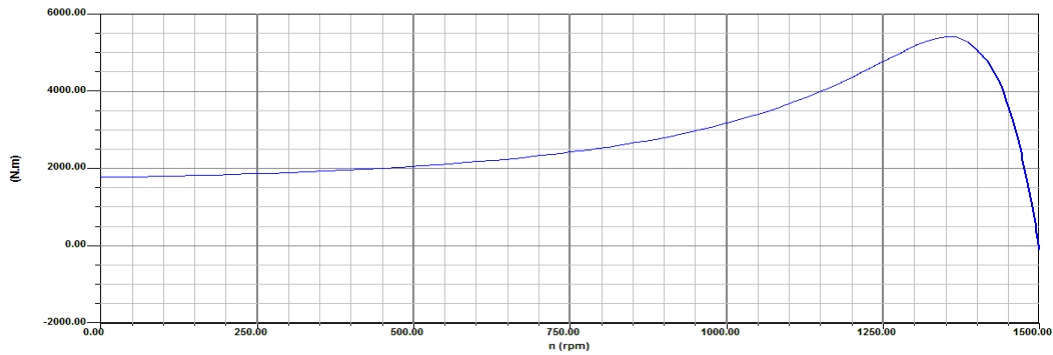
Model: **16" 4P Submersible Motor**

WATER	Type	500	HP	85	AMPS	Date: 9/04/2014 500 HP 1470 RPM 1300 mm Stack
3	Phase	3300	Volt	1470	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	2423	Nm	No Load	0	0	17		0.11	1500	27.7
Break Down Torque	5414	Nm	25%	93.3	125.1	110	84.5	0.55	1493	35.1
Locked Rotor Torque	1784	Nm	50%	186.5	250.1	207	90.2	0.75	1486	48.3
Locked Rotor Current	374	Amps	75%	279.8	375.2	305	91.6	0.81	1479	66.0
Winding Resistance	0.78	Ohms	100%	373.0	500.2	406	91.8	0.83	1470	85.4
Weight (With Water)	1690	Kg (Approximate)	125%	466.3	625.3	510	91.4	0.84	1461	106.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

