



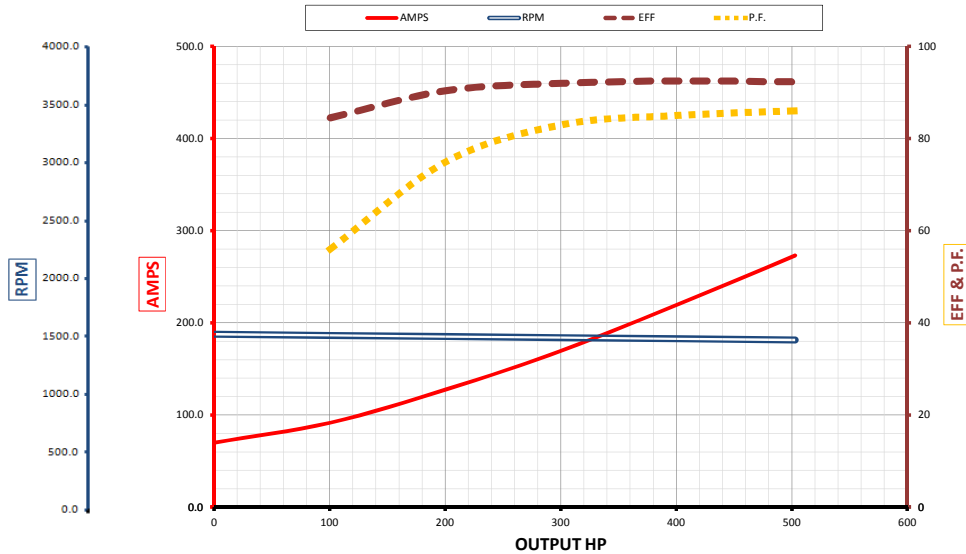
MOTOR PERFORMANCE DATA

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

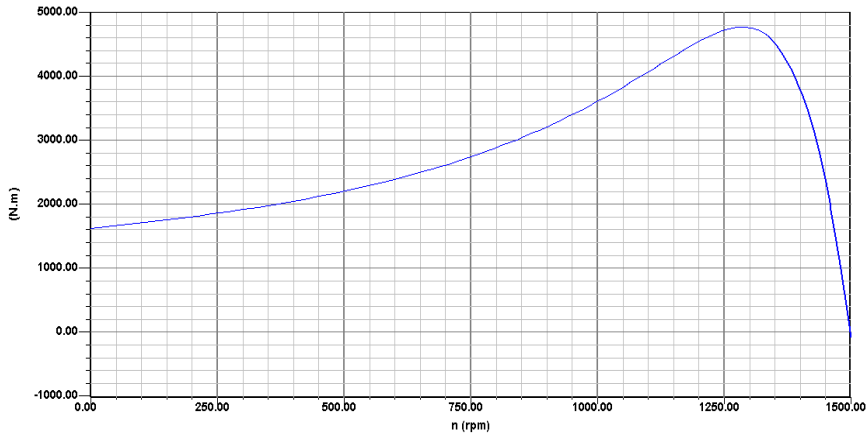
WATER Type	400 HP	221 AMPS
3 Phase	1000 Volt	1460 RPM
1.15 S.F.	30Deg.C Max.Amb.Water	50 Hertz
		4540 Kg Thrust Load

Date:	17/06/2015
400 HP	
1460 RPM	
700 mm Stack	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	1963 Nm		No Load	0	0	12	0	0.1	1500	70.0
Break Down Torque	4470 Nm		25%	75	101	89	84.5	0.56	1490	91.7
Locked Rotor Torque	1630 Nm		50%	150	201	166	90.4	0.75	1480	127.9
Locked Rotor Current	1080 Amps		75%	225	302	245	92	0.83	1470	170.3
Winding Resistance	0.07 Ohms		100%	300	402	324	92.5	0.85	1460	220.5
Weight (With Water)	1000 Kg (Approximate)		125%	375	503	406	92.3	0.86	1450	273.1



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

