

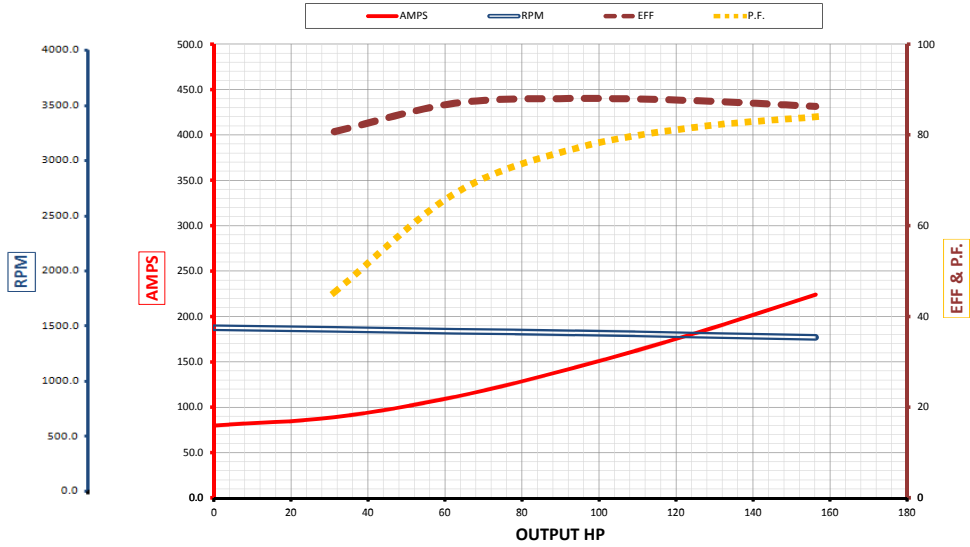


MOTOR PERFORMANCE DATA

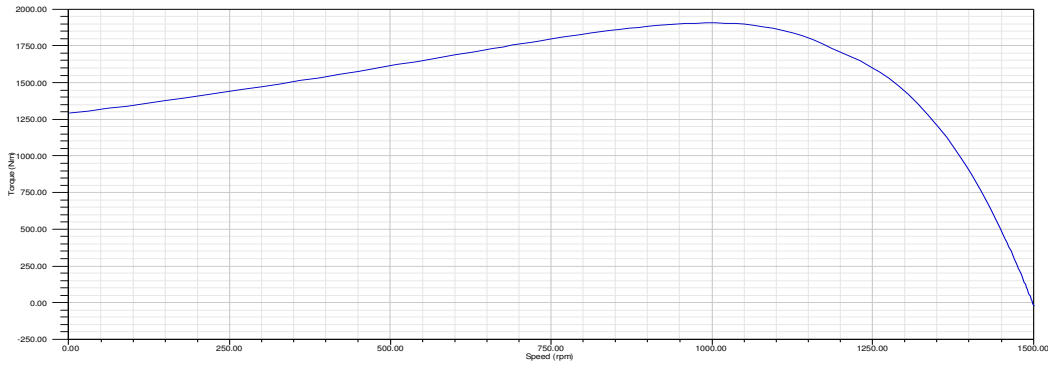
Model: **12" 4P Submersible Motor**

WATER	Type	125	HP	181	AMPS	Date: 18/06/2014 125 HP 1435 RPM 720 mm Stack
3	Phase	415	Volt	1435	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	620	Nm	No Load	0	0	4	0	0.07	1500	79.8
Break Down Torque	1906	Nm	25%	23	31	29	80.7	0.45	1485	88.9
Locked Rotor Torque	1291	Nm	50%	47	62	54	87.0	0.67	1470	111.3
Locked Rotor Current	1088	Amps	75%	70	94	79	88.0	0.77	1455	143.6
Winding Resistance	0.09	Ohms	100%	93	125	106	87.6	0.82	1435	181.4
Weight (With Water)	530	Kg (Approximate)	125%	117	156	135	86.3	0.84	1415	223.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

