

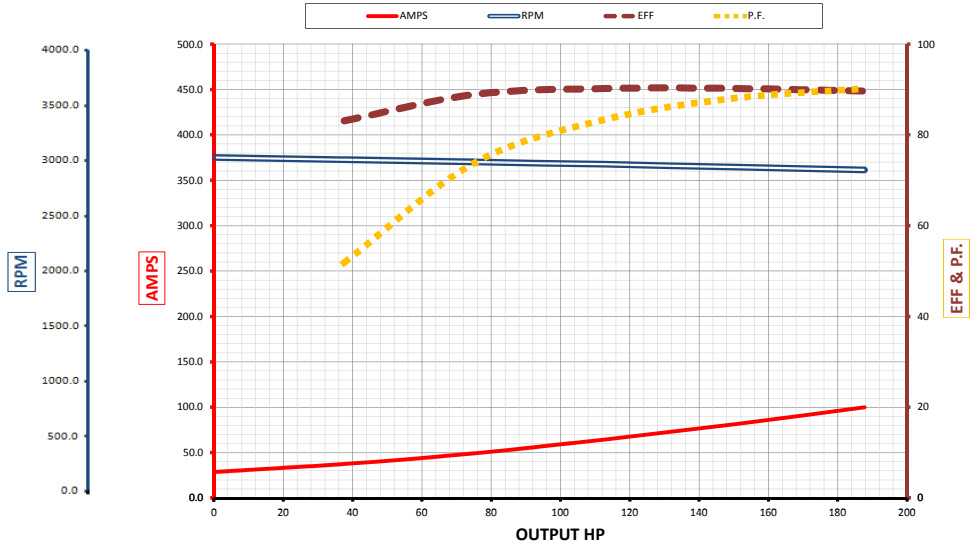


# MOTOR PERFORMANCE DATA

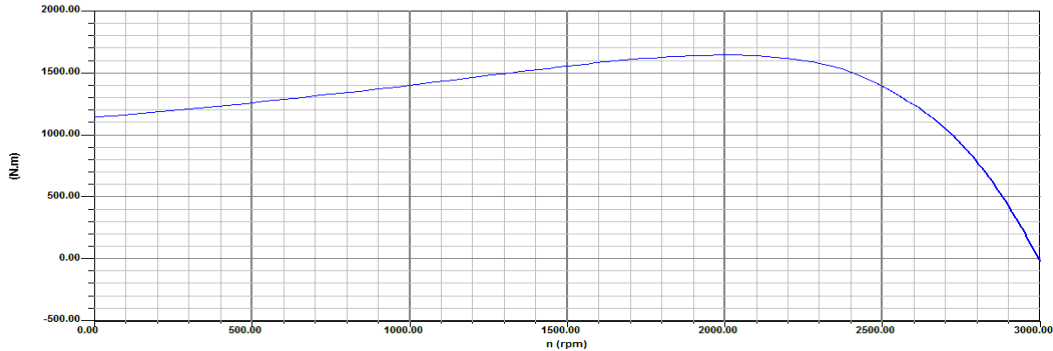
Model: **10" 2P Submersible Motor**

<b>WATER</b>	Type	150	HP	82	AMPS	<b>Date: 20/05/2014</b> 150 HP 2915 RPM 850 mm Stack
3	Phase	1000	Volt	2915	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	367	Nm	No Load	0	0	5		0.10	3000	28.8
Break Down Torque	1646	Nm	25%	28	38	34	83.1	0.52	2980	37.6
Locked Rotor Torque	1145	Nm	50%	56	75	63	88.9	0.74	2960	49.4
Locked Rotor Current	489	Amps	75%	84	113	93	90.2	0.83	2940	64.6
Winding Resistance	0.35	Ohms	100%	112	150	124	90.3	0.88	2915	81.5
Weight (With Water)	460	Kg (Approximate)	125%	140	188	156	89.7	0.90	2890	100.1



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

