

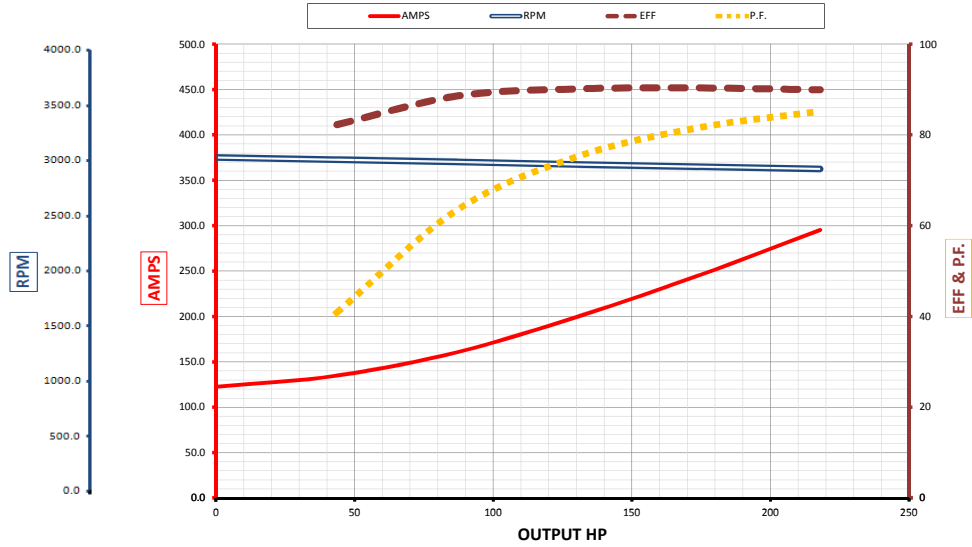


MOTOR PERFORMANCE DATA

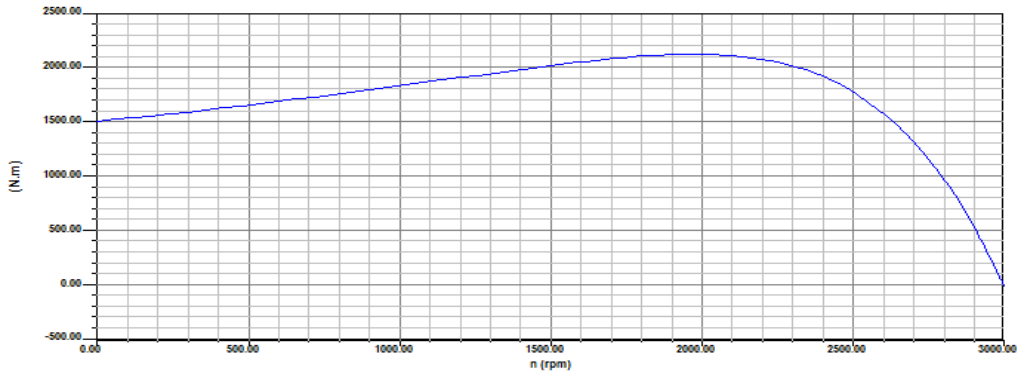
Model: **10" 2P Submersible Motor**

WATER	Type	175	HP	246	AMPS	Date: 18/06/2014 175 HP 2920 RPM 950 mm Stack
3	Phase	415	Volt	2920	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	425	Nm	No Load	0	0	5	0	0.06	3000	122.4
Break Down Torque	2123	Nm	25%	33	44	40	82.3	0.41	2980	134.7
Locked Rotor Torque	1509	Nm	50%	65	87	73	88.6	0.64	2960	160.8
Locked Rotor Current	1473	Amps	75%	98	131	108	90.1	0.75	2940	200.1
Winding Resistance	0.05	Ohms	100%	130	174	144	90.3	0.82	2920	245.5
Weight (With Water)	510	Kg (Approximate)	125%	163	218	181	89.9	0.85	2900	295.4



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

