

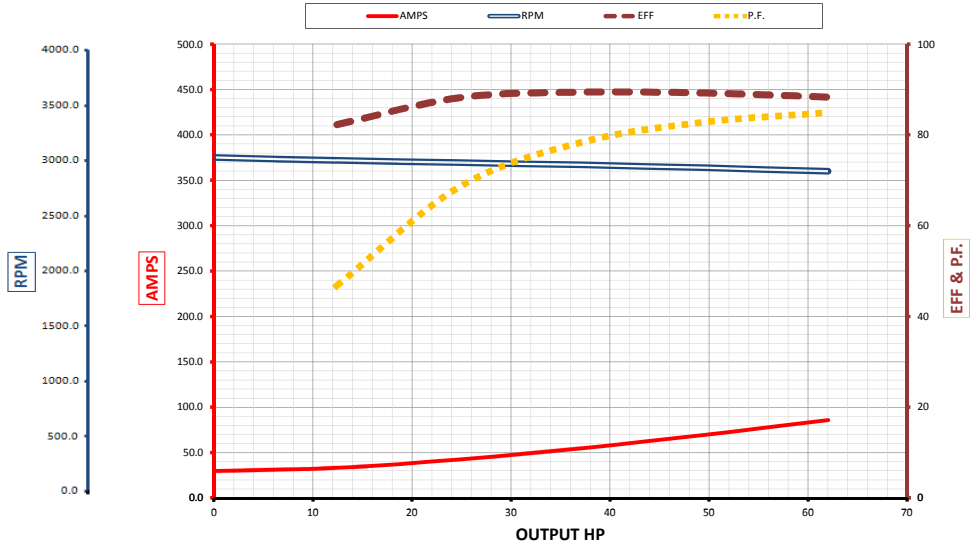


MOTOR PERFORMANCE DATA

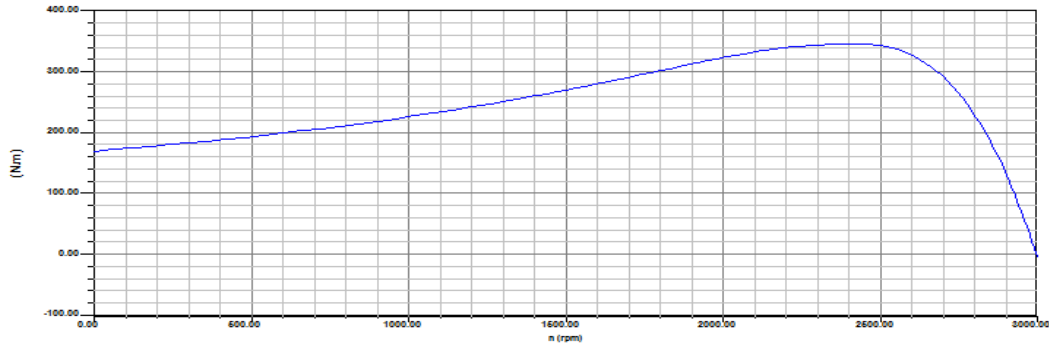
Model: **10" 2P Submersible Motor**

WATER	Type	50	HP	70	AMPS	Date: 17/06/2014 50 HP 2910 RPM 300 mm Stack
3	Phase	415	Volt	2910	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	121	Nm	No Load	0	0	1.5	0	0.07	3000	30.0
Break Down Torque	346	Nm	25%	9.3	12	11.2	82.3	0.47	2975	33.4
Locked Rotor Torque	171	Nm	50%	18.5	25	21.0	88.2	0.69	2955	42.7
Locked Rotor Current	400	Amps	75%	27.8	37	31.0	89.4	0.78	2935	55.1
Winding Resistance	0.22	Ohms	100%	37.0	50	41.5	89.2	0.83	2910	69.8
Weight (With Water)	170	Kg (Approximate)	125%	46.3	62	52.4	88.3	0.85	2880	85.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

