



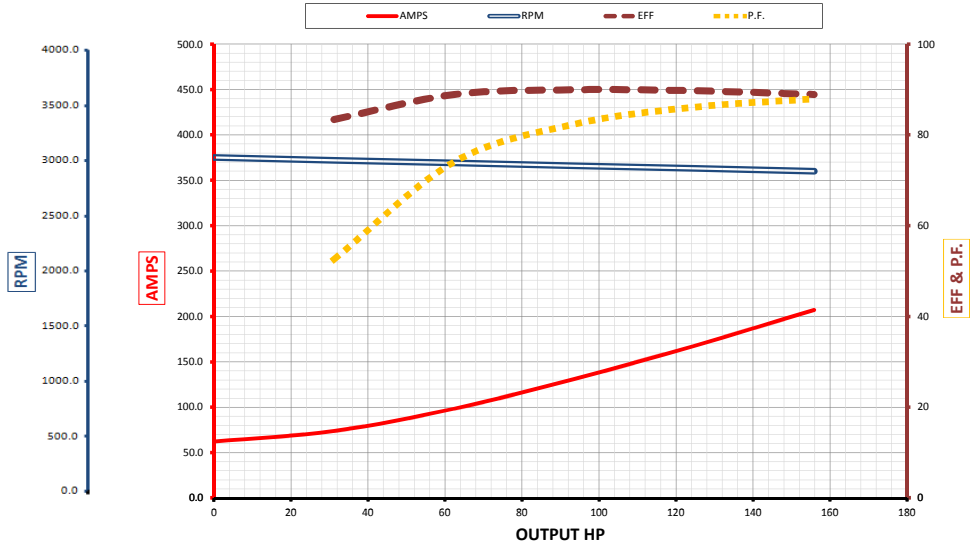
# MOTOR PERFORMANCE DATA

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

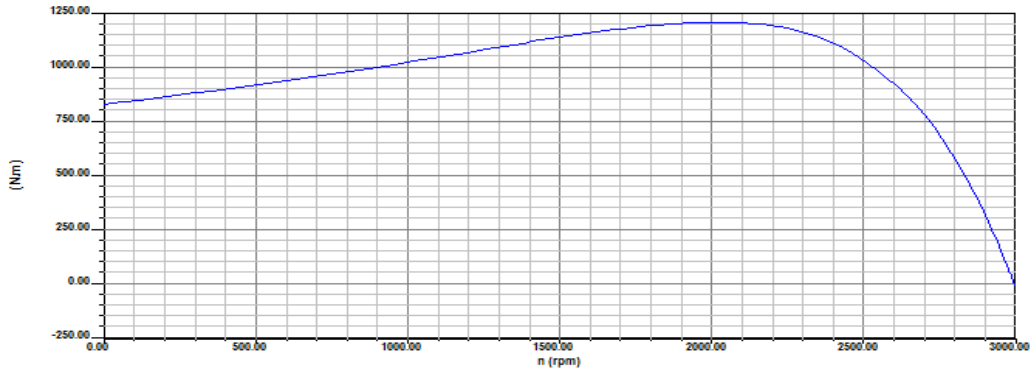
<b>WATER</b>	Type	125	HP	168	AMPS
3	Phase	415	Volt	2905	RPM
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz
				4540	Kg Thrust Load

<b>Date: 18/06/2014</b>	
125	HP
2905	RPM
650	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	306	Nm	No Load	0	0	4	0	0.08	3000	62.2
Break Down Torque	1207	Nm	25%	23	31	28	83.4	0.53	2976	73.8
Locked Rotor Torque	830	Nm	50%	47	62	52	88.9	0.74	2953	98.4
Locked Rotor Current	1006	Amps	75%	70	94	78	90.0	0.82	2929	131.1
Winding Resistance	0.08	Ohms	100%	93	125	104	89.7	0.86	2905	167.6
Weight (With Water)	350	Kg (Approximate)	125%	116	156	131	88.9	0.88	2881	207.2



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

