

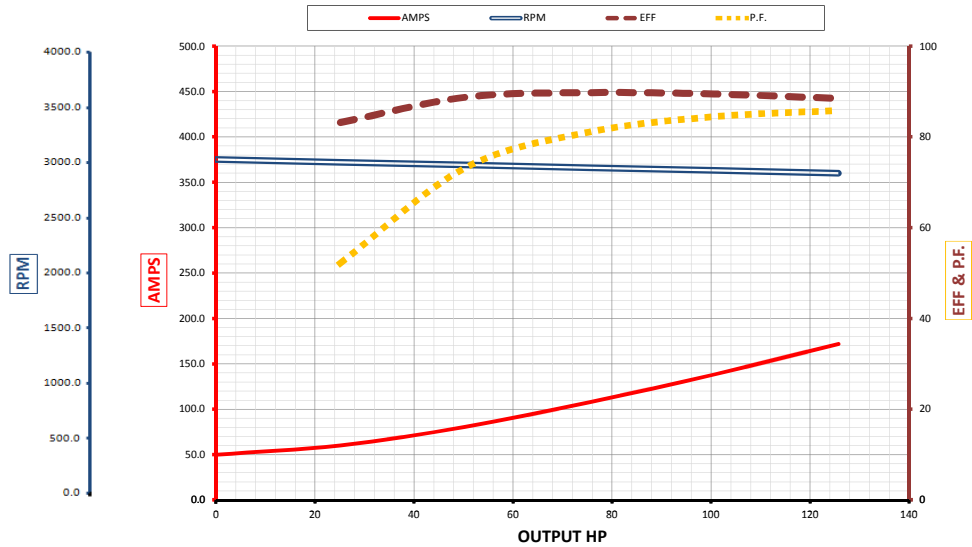


MOTOR PERFORMANCE DATA

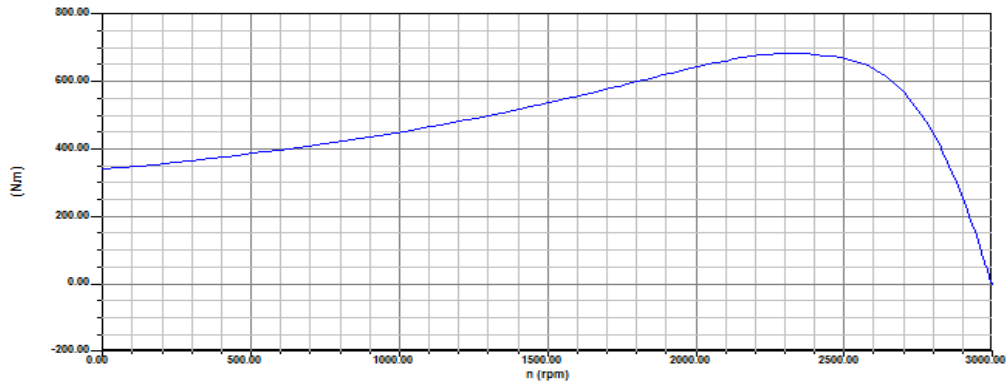
Model: **10" 2P Submersible Motor**

WATER	Type	100	HP	138	AMPS	Date: 17/06/2014 100 HP 2905 RPM 550 mm Stack
3	Phase	415	Volt	2905	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	247	Nm	No Load	0	0	3	0	0.08	3000	49.9
Break Down Torque	683	Nm	25%	19	25	23	83.2	0.52	2976	60.1
Locked Rotor Torque	339	Nm	50%	38	50	42	88.7	0.73	2953	80.6
Locked Rotor Current	778	Amps	75%	56	75	63	89.8	0.81	2929	107.7
Winding Resistance	0.10	Ohms	100%	75	101	84	89.5	0.84	2905	138.2
Weight (With Water)	300	Kg (Approximate)	125%	94	126	106	88.5	0.86	2881	171.8



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

