

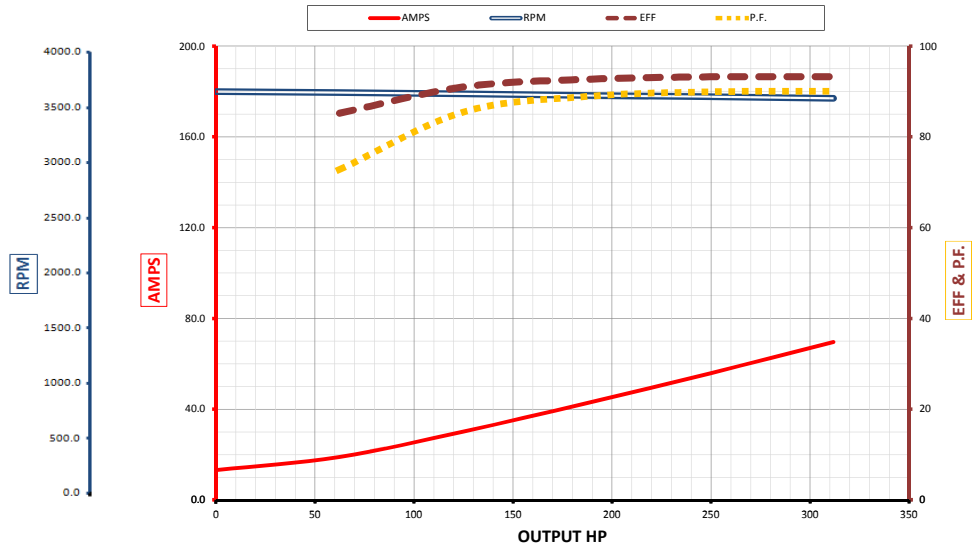


# MOTOR PERFORMANCE DATA

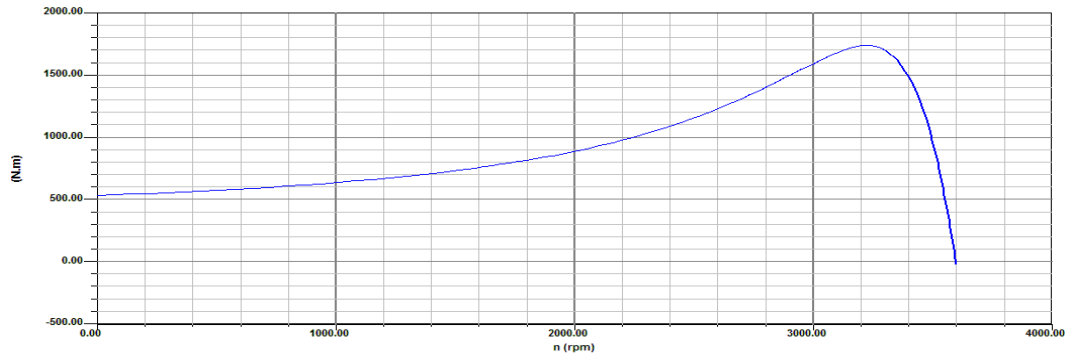
Model: **14" 2P Submersible Motor**

<b>WATER</b>	Type	250	HP	56	AMPS	<b>Date: 29/07/2014</b> <b>250 HP</b> <b>3555 RPM</b> <b>900 mm Stack</b>
3	Phase	2300	Volt	3555	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	500	Nm	No Load	0	0	7	0	0.14	3600	13.1
Break Down Torque	1739	Nm	25%	47	62	55	85.2	0.73	3590	18.9
Locked Rotor Torque	537	Nm	50%	93	125	102	91.0	0.85	3579	30.1
Locked Rotor Current	335	Amps	75%	140	187	151	92.7	0.89	3567	42.6
Winding Resistance	0.60	Ohms	100%	186	249	200	93.2	0.90	3555	55.8
Weight (With Water)	1000	Kg (Approximate)	125%	233	312	249	93.3	0.90	3540	69.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

