

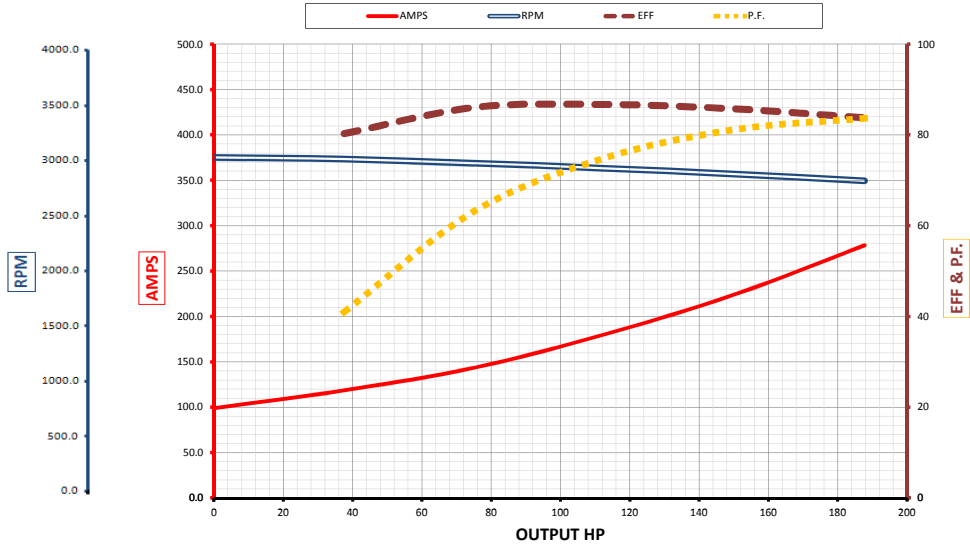


# MOTOR PERFORMANCE DATA

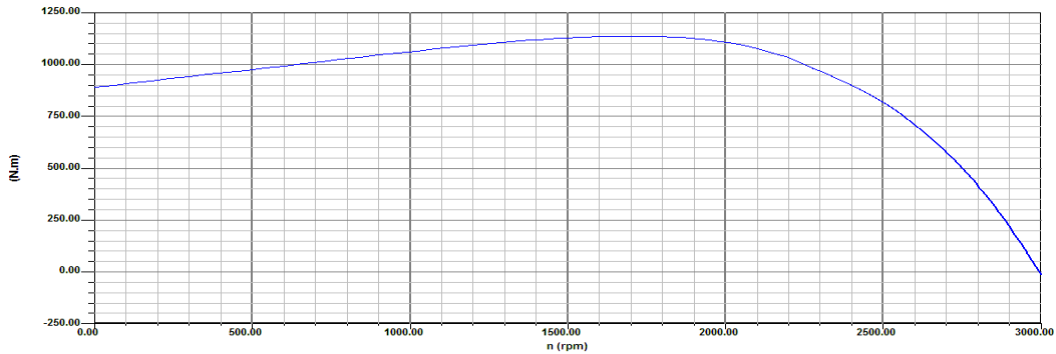
Model: **8" 2P Submersible Motor**

<b>WATER</b>	Type	150	HP	224	AMPS	<b>Date: 8/07/2014</b> 150 HP 2855 RPM 1100 mm Stack
3	Phase	415	Volt	2855	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	379	Nm	No Load	0	0	5		0.07	3000	99.0
Break Down Torque	1137	Nm	25%	28	38	35	80.3	0.41	2985	118.7
Locked Rotor Torque	891	Nm	50%	56	75	65	86.1	0.63	2950	143.6
Locked Rotor Current	1191	Amps	75%	84	113	97	86.7	0.75	2905	180.3
Winding Resistance	0.08	Ohms	100%	112	150	131	85.8	0.81	2855	224.2
Weight (With Water)	300	Kg (Approximate)	125%	140	188	167	83.8	0.84	2795	278.4



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

