

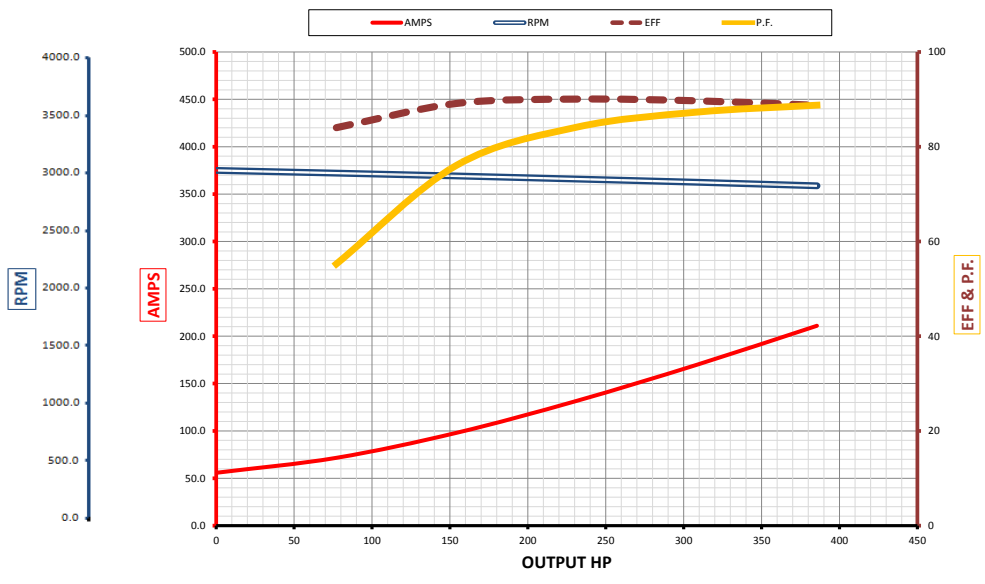


# MOTOR PERFORMANCE DATA

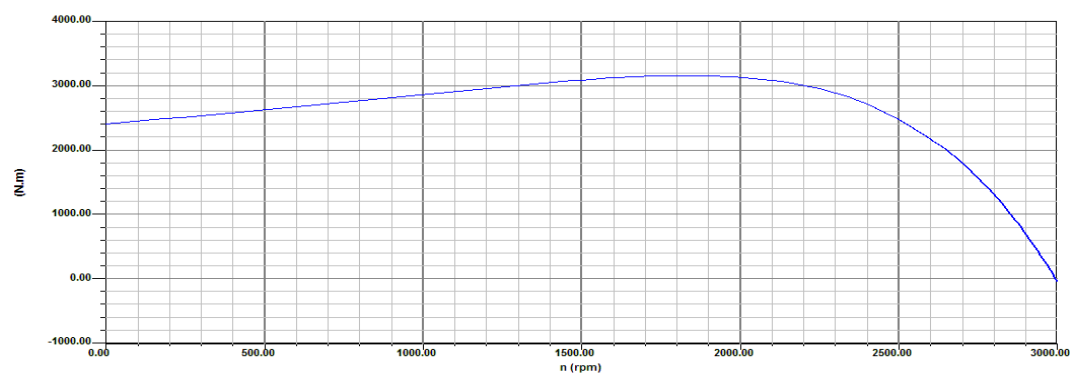
Model: **10" 2P Submersible Motor**

<u>WATER</u>	Type	<u>310</u>	HP	<u>170</u>	AMPS	Date: <b>2/04/2015</b> <b>310</b> HP <b>2900</b> RPM <b>50</b> Hertz <b>1300</b> mm Stack
<u>3</u>	Phase	<u>1000</u>	Volt	<u>2900</u>	RPM	
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water	<u>50</u>	Hertz	
				<u>4540</u>	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>759</u>	Nm	No Load	0	0	11	0	0.11	3000	55.8
Break Down Torque	<u>3180</u>	Nm	25%	58	77	68	84.0	0.55	2977	71.6
Locked Rotor Torque	<u>2432</u>	Nm	50%	115	154	129	89.1	0.76	2953	98.0
Locked Rotor Current	<u>1019</u>	Amps	75%	173	231	192	90.0	0.84	2927	131.7
Winding Resistance	<u>0.21</u>	Ohms	100%	230	308	256	89.7	0.87	2900	169.8
Weight (With Water)	<u>700</u>	Kg (Approximate)	125%	288	386	324	88.7	0.89	2870	211.0



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

