

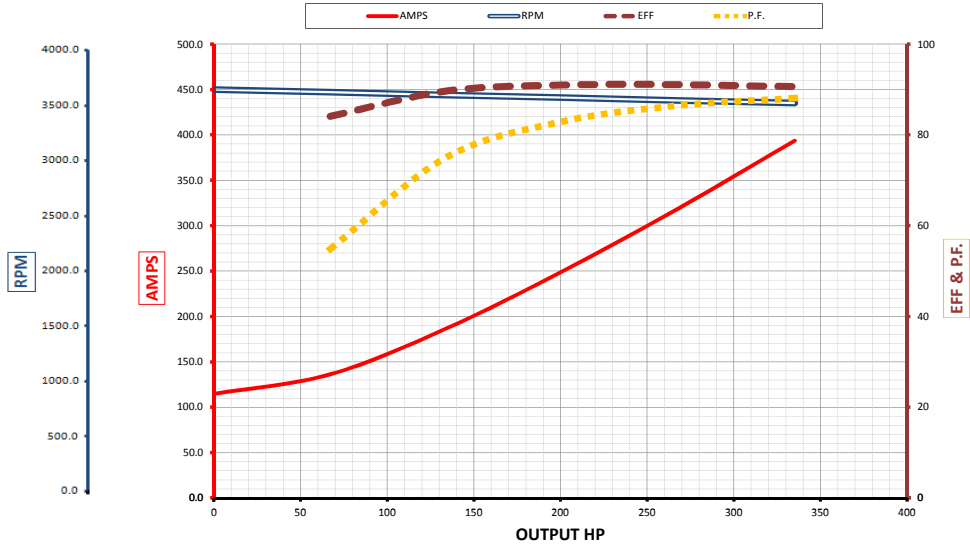


# MOTOR PERFORMANCE DATA

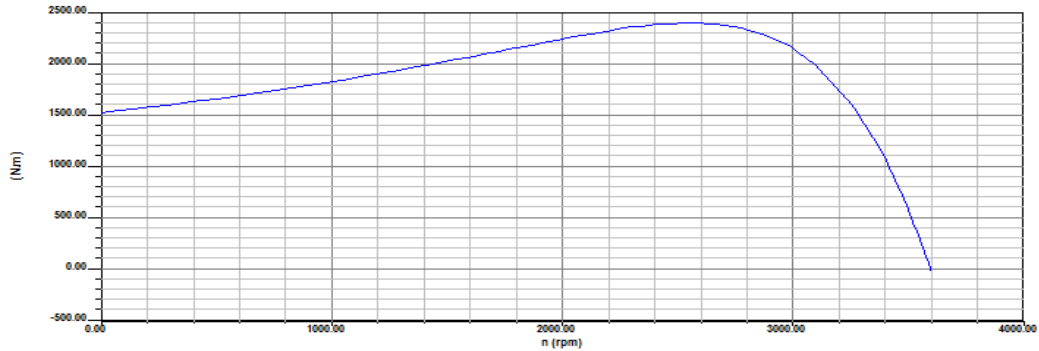
Model: **10" 2P Submersible Motor**

<b>WATER</b>	Type	<b>270</b>	HP	<b>319</b>	AMPS	<b>Date: 27/06/2014</b> <b>270 HP</b> <b>3505 RPM</b> <b>1150 mm Stack</b>
<b>3</b>	Phase	<b>460</b>	Volt	<b>3505</b>	RPM	
<b>1.15</b>	S.F.	<b>30Deg.C</b>	Max.Amb.Water	<b>60</b>	Hertz	
				<b>4540</b>	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<b>547</b>	Nm	No Load	0	0	8	0	<b>0.08</b>	<b>3600</b>	<b>114.7</b>
Break Down Torque	<b>2394</b>	Nm	25%	50	67	60	84.1	<b>0.55</b>	<b>3576</b>	<b>136.2</b>
Locked Rotor Torque	<b>1527</b>	Nm	50%	100	134	112	89.7	<b>0.75</b>	<b>3553</b>	<b>186.7</b>
Locked Rotor Current	<b>1915</b>	Amps	75%	150	201	165	91.0	<b>0.83</b>	<b>3529</b>	<b>249.7</b>
Winding Resistance	<b>0.03</b>	Ohms	100%	200	268	220	91.1	<b>0.86</b>	<b>3505</b>	<b>319.1</b>
Weight (With Water)	<b>620</b>	Kg (Approximate)	125%	250	335	276	90.6	<b>0.88</b>	<b>3481</b>	<b>393.6</b>



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

