



MOTOR PERFORMANCE DATA

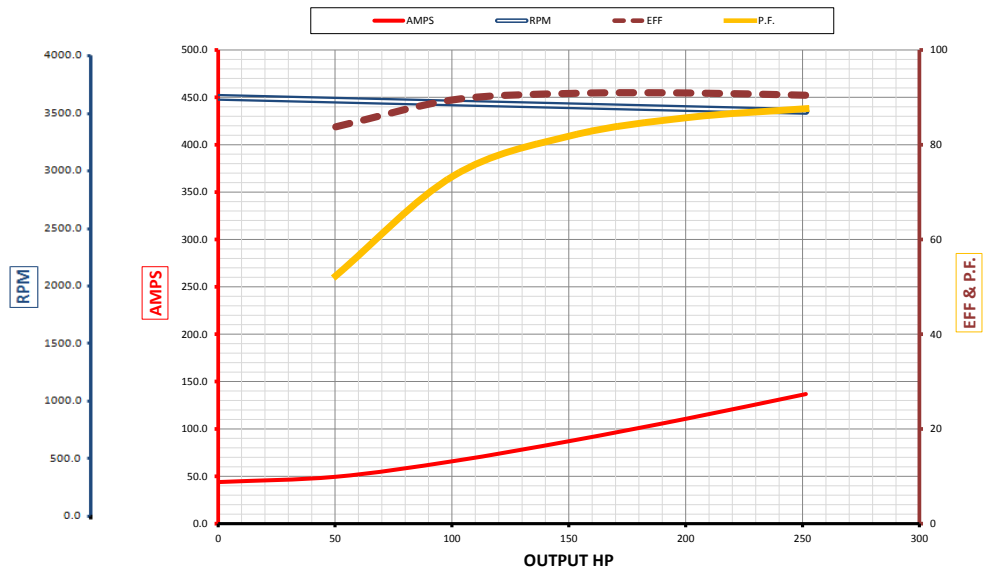
Model: **10" 2P Submersible Motor**

<u>WATER</u>	Type	<u>200</u>	HP
<u>3</u>	Phase	<u>1000</u>	Volt
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water

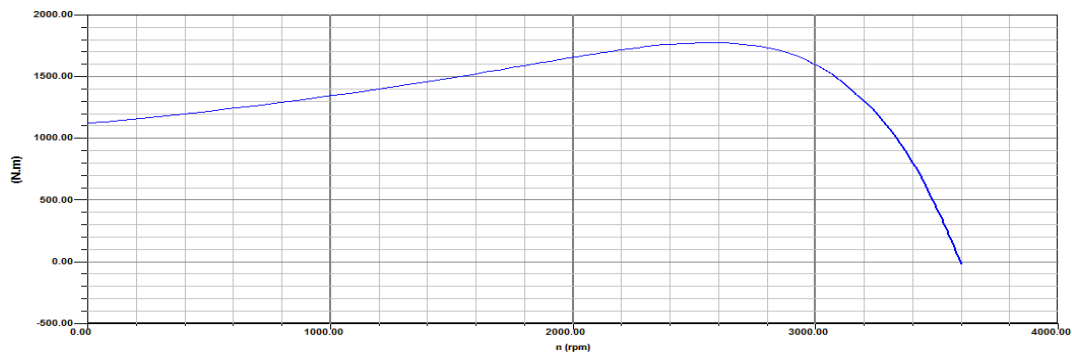
<u>111</u>	AMPS
<u>3505</u>	RPM
<u>60</u>	Hertz
<u>4540</u>	Kg Thrust Load

Date:	<u>27/03/2015</u>
<u>200</u>	HP
<u>3505</u>	RPM
<u>850</u>	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>408</u>	Nm	No Load	0	0	8	0	0.11	3600	43.9
Break Down Torque	<u>1775</u>	Nm	25%	38	50	45	83.8	0.52	3576	49.5
Locked Rotor Torque	<u>1123</u>	Nm	50%	75	101	84	89.5	0.73	3553	66.0
Locked Rotor Current	<u>667</u>	Amps	75%	113	151	124	90.8	0.82	3529	87.4
Winding Resistance	<u>0.26</u>	Ohms	100%	150	201	165	90.9	0.86	3505	111.2
Weight (With Water)	<u>460</u>	Kg (Approximate)	125%	188	251	207	90.4	0.88	3481	136.8



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

