

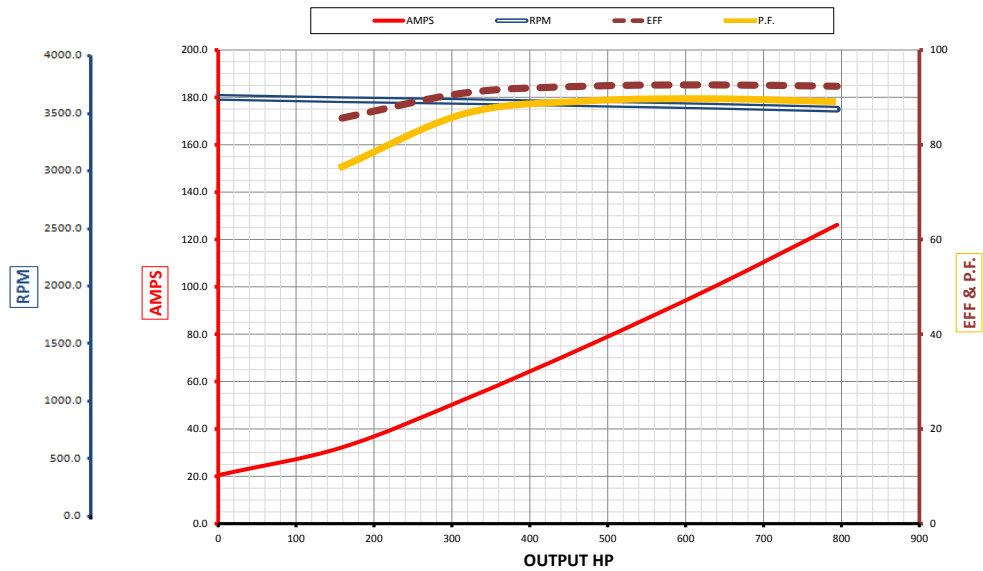


MOTOR PERFORMANCE DATA

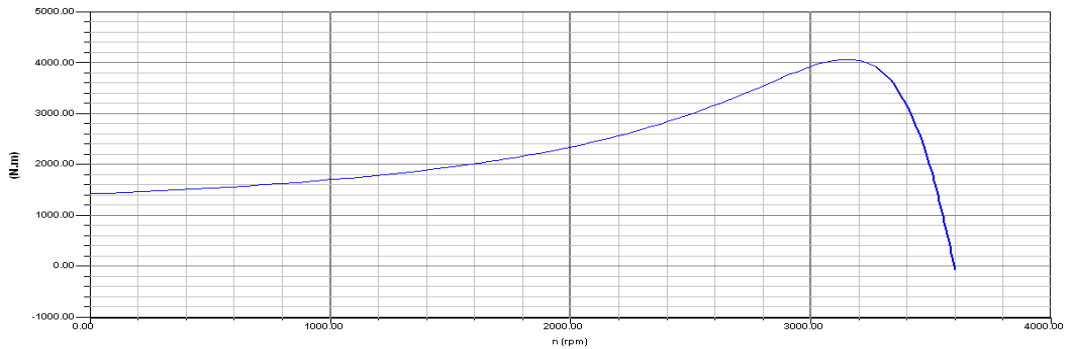
Model: **16" 2P Submersible Motor**

<u>WATER</u>	Type	<u>636</u>	HP	<u>100</u>	AMPS	Date: 23/01/2015 636 HP 3525 RPM 60 Hertz 900 mm Stack
<u>3</u>	Phase	<u>3300</u>	Volt	<u>3525</u>	RPM	
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water	<u>60</u>	Hertz	
				<u>4540</u>	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>1285</u>	Nm	No Load	0	0	18	0	0.16	3600	20.5
Break Down Torque	<u>3411</u>	Nm	25%	119	159	138	85.6	0.75	3580	32.2
Locked Rotor Torque	<u>1186</u>	Nm	50%	237	318	261	91.0	0.87	3565	52.7
Locked Rotor Current	<u>530</u>	Amps	75%	356	477	385	92.4	0.89	3545	75.5
Winding Resistance	<u>0.54</u>	Ohms	100%	474	636	512	92.6	0.90	3525	99.9
Weight (With Water)	<u>1400</u>	Kg (Approximate)	125%	593	795	642	92.3	0.89	3500	126.2



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

