

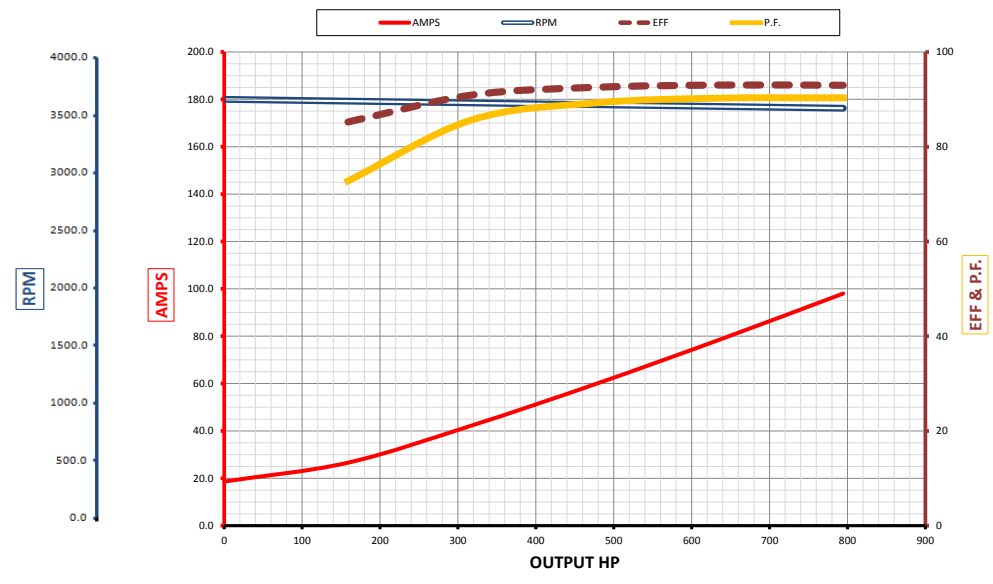


# MOTOR PERFORMANCE DATA

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

<u>WATER</u>	Type	<u>636</u>	HP	<u>79</u>	AMPS	Date: <b>5/11/2014</b> <b>636 HP</b> <b>3540 RPM</b> <b>1300 mm Stack</b>
<u>3</u>	Phase	<u>4160</u>	Volt	<u>3540</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>1278</u>	Nm	No Load	0	0	19	0	0.14	3600	18.6
Break Down Torque	<u>4256</u>	Nm	25%	119	159	139	85.2	0.73	3585	26.6
Locked Rotor Torque	<u>1499</u>	Nm	50%	237	318	261	90.9	0.86	3570	42.3
Locked Rotor Current	<u>471</u>	Amps	75%	356	477	384	92.5	0.89	3555	59.8
Winding Resistance	<u>0.74</u>	Ohms	100%	474	636	510	93.0	0.90	3540	78.5
Weight (With Water)	<u>1840</u>	Kg (Approximate)	125%	593	795	637	93.0	0.90	3525	98.0



OUTPUT TORQUE VS SPEED

