

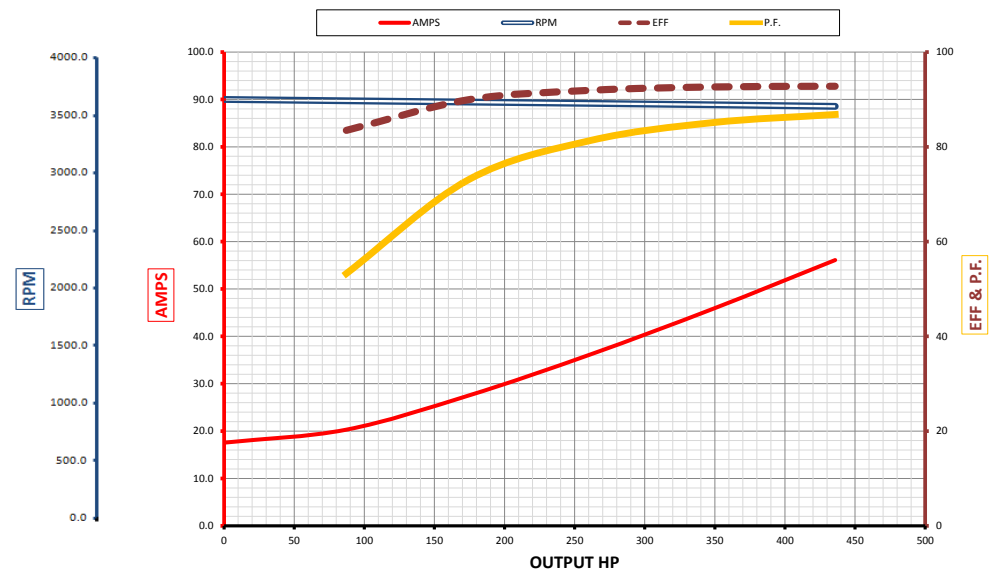


MOTOR PERFORMANCE DATA

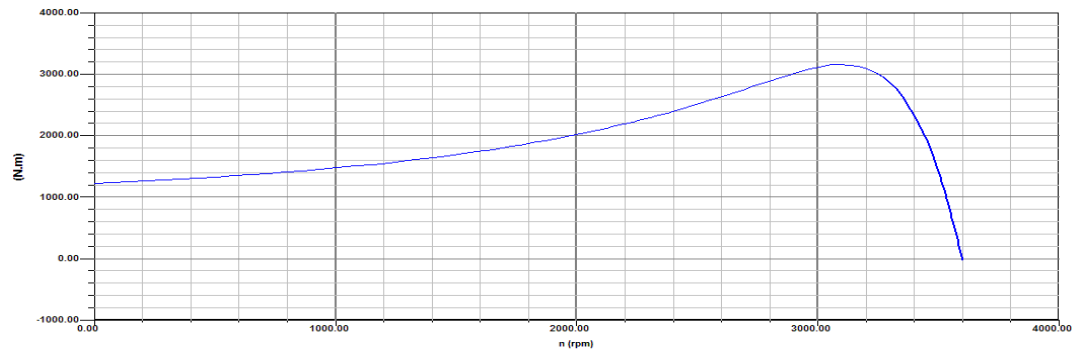
Model: **14" 2P Submersible Motor**

<u>WATER</u>	Type	<u>350</u>	HP	<u>46</u>	AMPS	Date: 22/10/2014 350 HP 3555 RPM 1300 mm Stack
<u>3</u>	Phase	<u>4160</u>	Volt	<u>3555</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>699</u>	Nm	No Load	0	0	11	0	0.08	3600	17.6
Break Down Torque	<u>3160</u>	Nm	25%	65	87	78	83.5	0.53	3589	20.3
Locked Rotor Torque	<u>1230</u>	Nm	50%	130	174	145	89.9	0.73	3578	27.5
Locked Rotor Current	<u>275</u>	Amps	75%	195	261	212	91.9	0.81	3567	36.2
Winding Resistance	<u>1.46</u>	Ohms	100%	260	349	281	92.6	0.85	3555	45.8
Weight (With Water)	<u>1260</u>	Kg (Approximate)	125%	325	436	350	92.8	0.87	3542	56.1



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

