

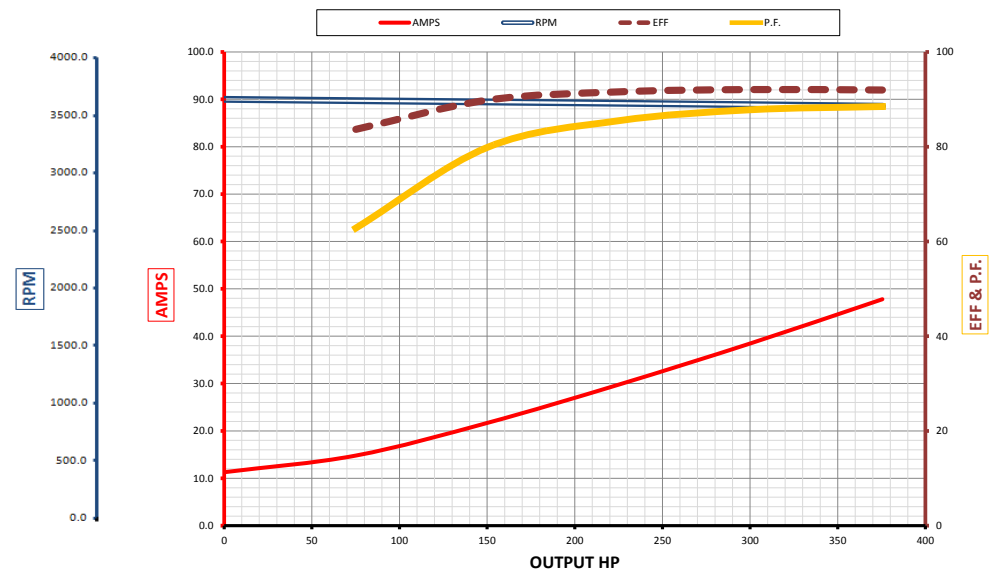


MOTOR PERFORMANCE DATA

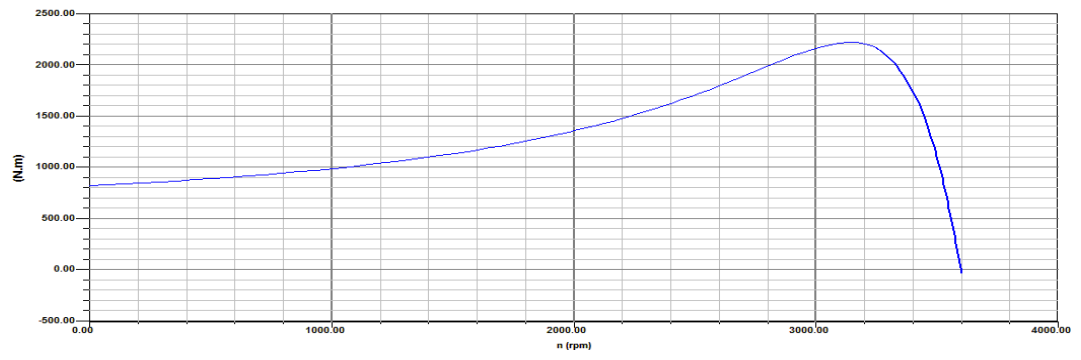
Model: **14" 2P Submersible Motor**

<u>WATER</u>	Type	<u>300</u>	HP	<u>39</u>	AMPS	Date: 15/01/2015 300 HP 3555 RPM 60 Hertz 1200 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>603</u>	Nm	No Load	0	0	12	0	0.15	3600	11.3
Break Down Torque	<u>2223</u>	Nm	25%	56	75	67	83.7	0.63	3589	14.8
Locked Rotor Torque	<u>827</u>	Nm	50%	112	150	125	89.8	0.80	3578	21.7
Locked Rotor Current	<u>231</u>	Amps	75%	168	225	183	91.6	0.85	3567	29.8
Winding Resistance	<u>2.72</u>	Ohms	100%	224	300	243	92.1	0.88	3555	38.5
Weight (With Water)	<u>1150</u>	Kg (Approximate)	125%	280	375	304	92.0	0.88	3542	47.8



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

