

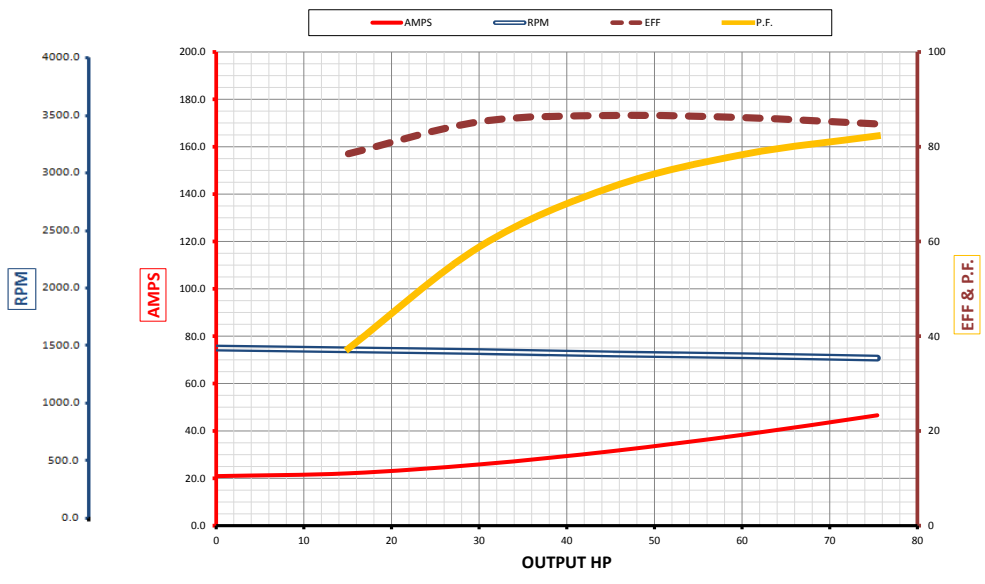


MOTOR PERFORMANCE DATA

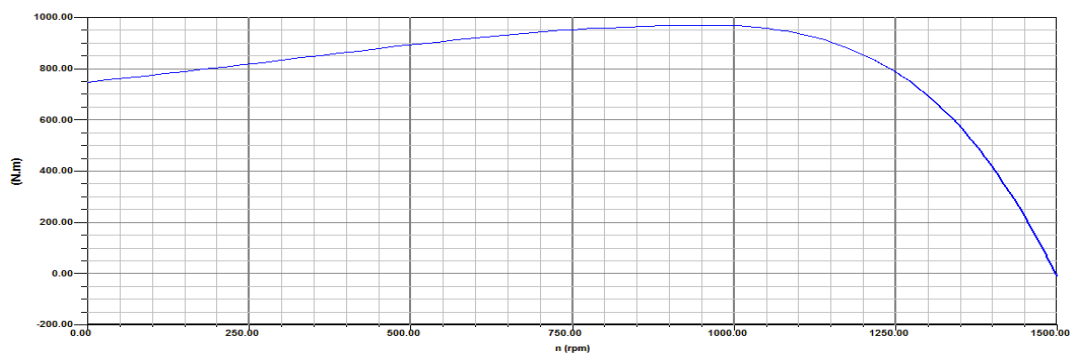
Model: **10" 4P Submersible Motor**

<u>WATER</u>	Type	<u>60</u>	HP	<u>39</u>	AMPS	Date: 15/04/2015 60 HP 1435 RPM 600 mm Stack
<u>3</u>	Phase	<u>1000</u>	Volt	<u>1435</u>	RPM	
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water	<u>50</u>	Hertz	
				<u>4540</u>	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>300</u>	Nm	No Load	0	0	3.2	0	0.09	1500	20.9
Break Down Torque	<u>970</u>	Nm	25%	11.3	15	14.3	78.5	0.37	1485	22.1
Locked Rotor Torque	<u>747</u>	Nm	50%	22.5	30	26.4	85.3	0.59	1470	25.9
Locked Rotor Current	<u>231</u>	Amps	75%	33.8	45	39.0	86.6	0.72	1450	31.5
Winding Resistance	<u>1.45</u>	Ohms	100%	45.0	60	52.2	86.1	0.78	1435	38.5
Weight (With Water)	<u>320</u>	Kg (Approximate)	125%	56.3	75	66.3	84.8	0.82	1415	46.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

