



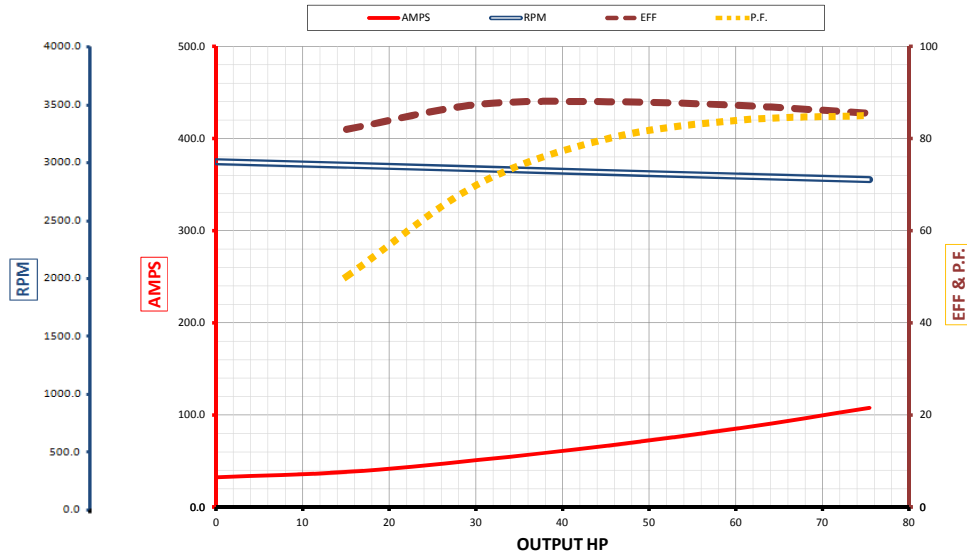
MOTOR PERFORMANCE DATA

Model: 8" 2P Submersible Motor

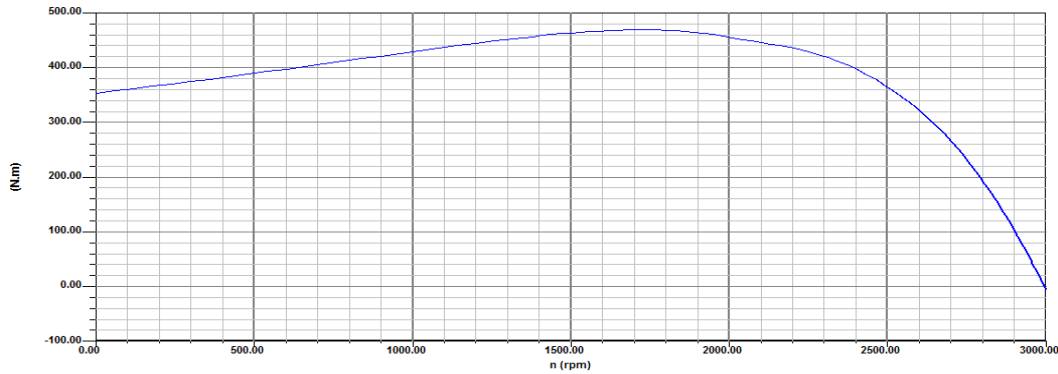
<u>WATER</u> Type	<u>60</u> HP	<u>86</u> AMPS
<u>3</u> Phase	<u>415</u> Volt	<u>2875</u> RPM
<u>1.15</u> S.F.	<u>30Deg.C</u> Max.Amb.Water	<u>50</u> Hertz
		<u>4540</u> Kg Thrust Load

Date:	<u>16/06/2014</u>
<u>60</u> HP	
<u>2875</u> RPM	
<u>670</u> mm Stack	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>151</u> Nm		No Load	0	0	1.9	0	0.08	3000	32.4
Break Down Torque	<u>469</u> Nm		25%	11.3	15	13.7	82.0	0.50	2969	38.2
Locked Rotor Torque	<u>353</u> Nm		50%	22.5	30	25.7	87.4	0.70	2938	51.1
Locked Rotor Current	<u>510</u> Amps		75%	33.8	45	38.4	88.0	0.80	2906	66.9
Winding Resistance	<u>0.22</u> Ohms		100%	45.0	60	51.6	87.2	0.84	2875	85.6
Weight (With Water)	<u>180</u> Kg (Approximate)		125%	56.3	75	65.8	85.5	0.85	2844	107.8



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

