



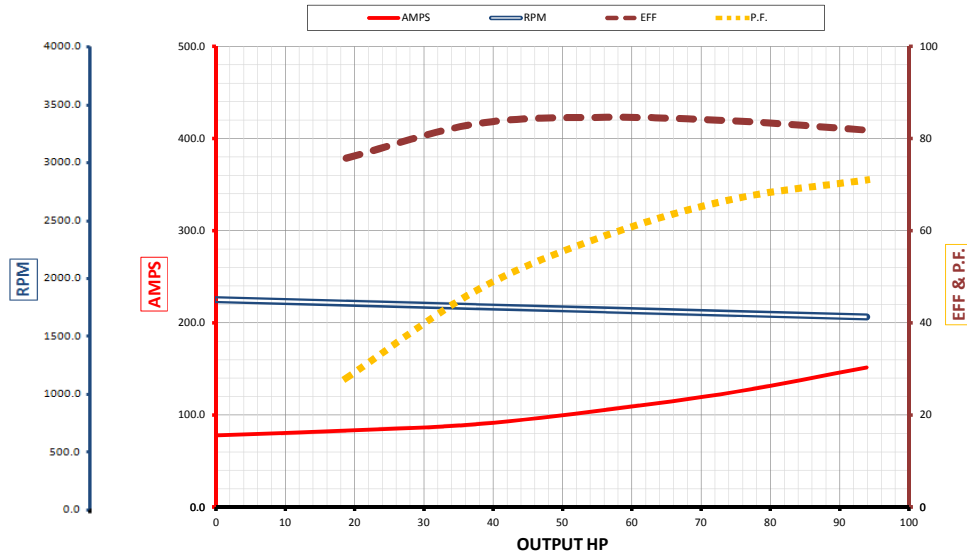
# MOTOR PERFORMANCE DATA

Model: 8" 4P Submersible Motor

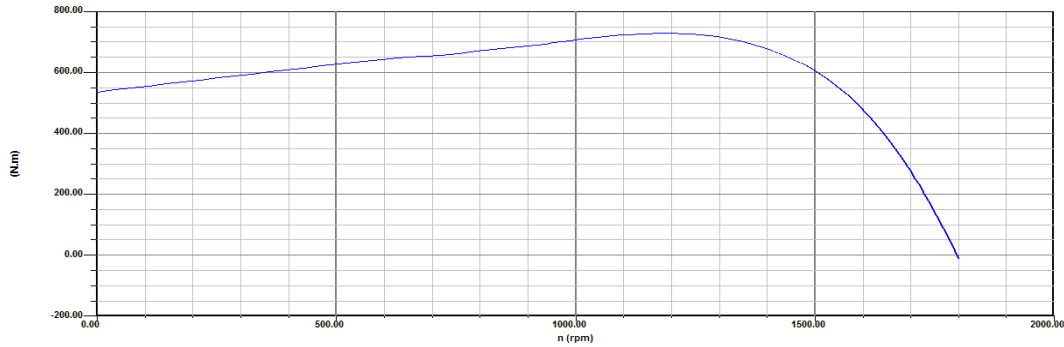
<u>WATER</u> Type	<u>75</u> HP	<u>125</u> AMPS
<u>3</u> Phase	<u>460</u> Volt	<u>1680</u> RPM
<u>1.15</u> S.F.	<u>30Deg.C</u> Max.Amb.Water	<u>60</u> Hertz
		<u>4540</u> Kg Thrust Load

Date:	<u>27/06/2014</u>
<u>75</u> HP	
<u>1680</u> RPM	
<u>1000</u> mm Stack	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>318</u> Nm		No Load	0	0	3.1	0	0.05	1800	77.9
Break Down Torque	<u>730</u> Nm		25%	14.0	19	18.5	75.7	0.28	1770	83.0
Locked Rotor Torque	<u>537</u> Nm		50%	28.0	38	33.7	83.2	0.47	1740	90.1
Locked Rotor Current	<u>480</u> Amps		75%	42.0	56	49.6	84.6	0.59	1710	105.6
Winding Resistance	<u>0.19</u> Ohms		100%	56.0	75	66.8	83.8	0.67	1680	125.3
Weight (With Water)	<u>280</u> Kg (Approximate)		125%	70.0	94	85.6	81.8	0.71	1650	151.5



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

