

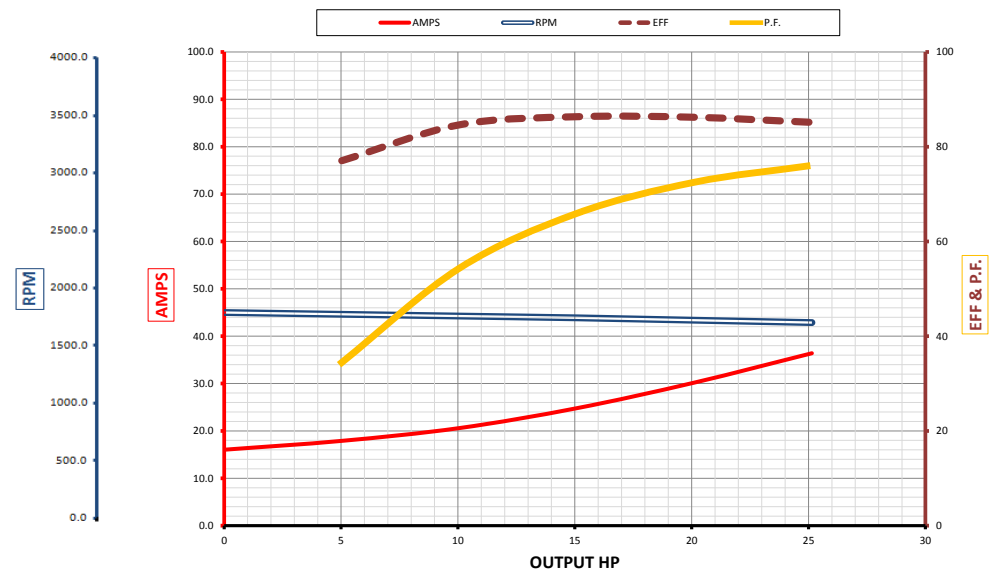


MOTOR PERFORMANCE DATA

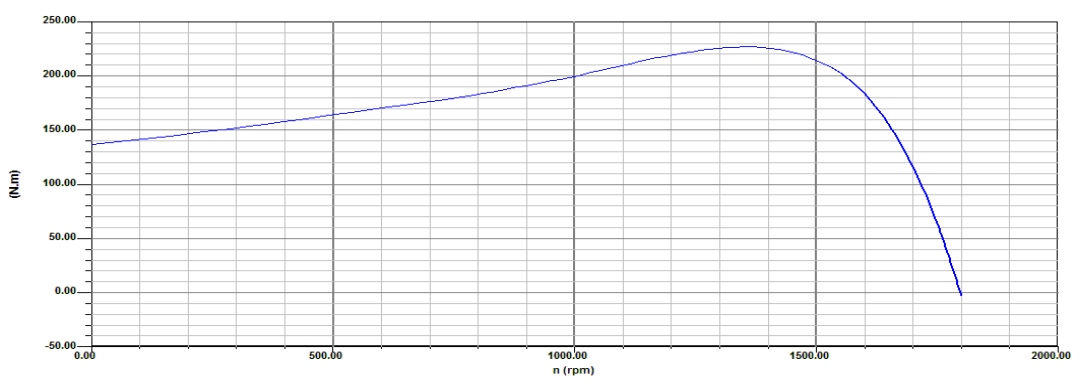
Model: **8" 4P Submersible Motor**

<u>WATER</u>	Type	<u>20</u>	HP	<u>30</u>	AMPS	Date: 19/11/2014 20 HP 1735 RPM 60 Hertz 420 mm Stack
<u>3</u>	Phase	<u>460</u>	Volt	<u>1735</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>83</u>	Nm	No Load	0	0	1.1	0	0.09	1800	16.0
Break Down Torque	<u>227</u>	Nm	25%	3.8	5.0	4.9	77.0	0.34	1785	17.9
Locked Rotor Torque	<u>135</u>	Nm	50%	7.5	10.1	8.9	84.6	0.54	1770	20.6
Locked Rotor Current	<u>154</u>	Amps	75%	11.3	15.1	13.0	86.3	0.66	1755	24.8
Winding Resistance	<u>0.85</u>	Ohms	100%	15.0	20.1	17.4	86.2	0.72	1735	30.2
Weight (With Water)	<u>120</u>	Kg (Approximate)	125%	18.8	25.1	22.0	85.1	0.76	1715	36.4



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

