

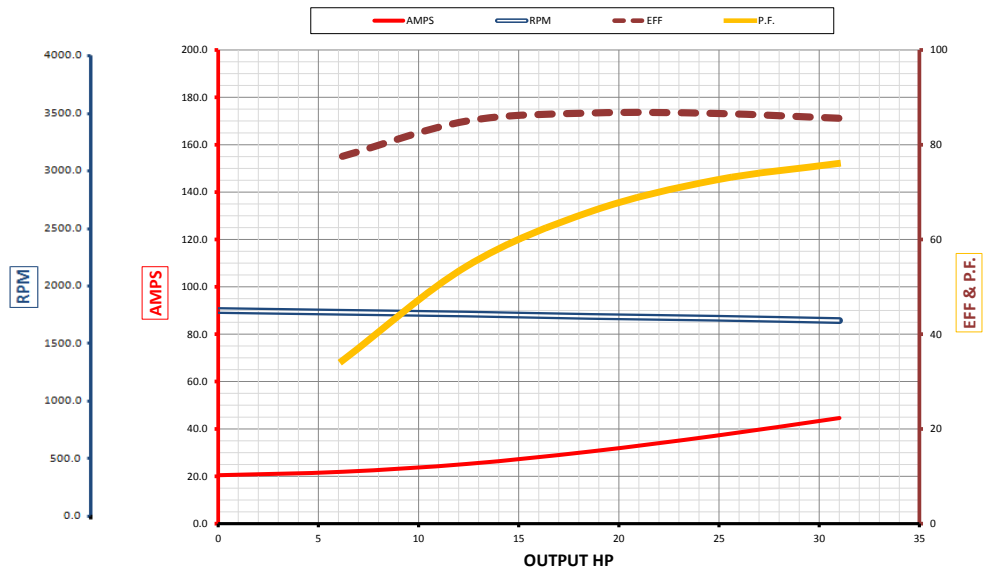


MOTOR PERFORMANCE DATA

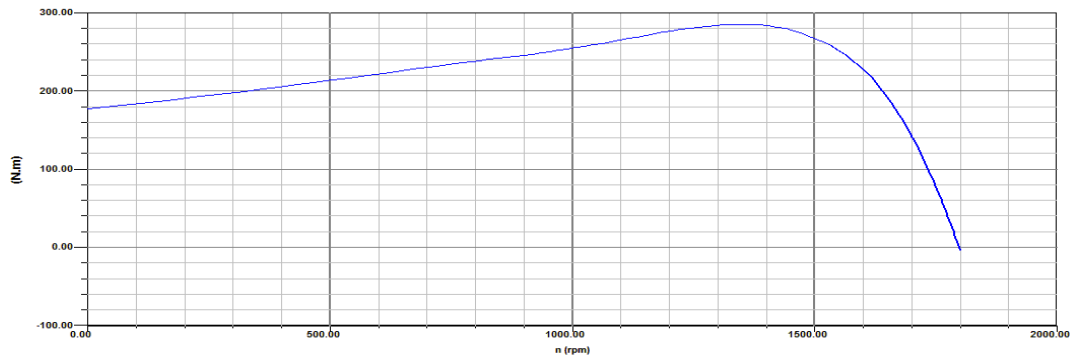
Model: **8" 4P Submersible Motor**

<u>WATER</u>	Type	<u>25</u>	HP	<u>37</u>	AMPS	Date: 19/11/2014 25 HP 1735 RPM 60 Hertz 500 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>102</u>	Nm	No Load	0	0	0.9	0	0.06	1800	20.4
Break Down Torque	<u>285</u>	Nm	25%	4.6	6	6.0	77.5	0.34	1785	21.9
Locked Rotor Torque	<u>175</u>	Nm	50%	9.3	12	10.9	85.0	0.54	1770	25.2
Locked Rotor Current	<u>193</u>	Amps	75%	13.9	19	16.0	86.7	0.66	1750	30.5
Winding Resistance	<u>0.65</u>	Ohms	100%	18.5	25	21.4	86.6	0.73	1735	37.1
Weight (With Water)	<u>184</u>	Kg (Approximate)	125%	23.1	31	27.0	85.6	0.76	1715	44.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

