

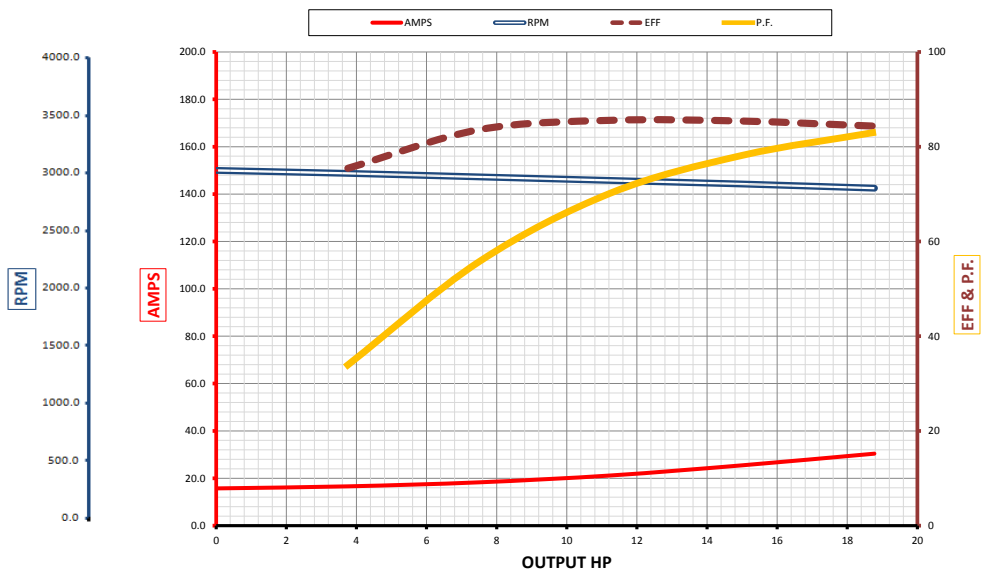


MOTOR PERFORMANCE DATA

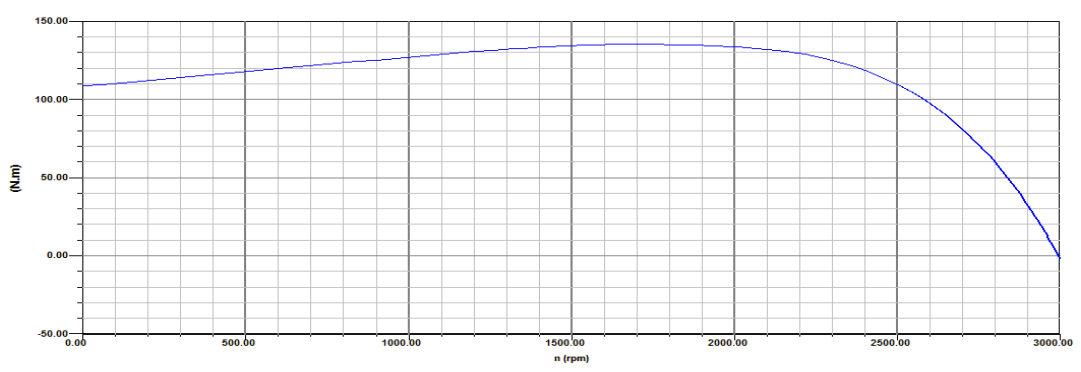
Model: **6" 2P Submersible Motor**

<u>WATER</u>	Type	<u>15</u>	HP	<u>26</u>	AMPS	Date: 21/11/2014 15 HP 2885 RPM 390 mm Stack
<u>3</u>	Phase	<u>380</u>	Volt	<u>2885</u>	RPM	
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water	<u>50</u>	Hertz	
				<u>2270</u>	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>37</u>	Nm	No Load	0	0	0.6	0	0.06	3000	15.7
Break Down Torque	<u>135</u>	Nm	25%	2.8	3.8	3.7	75.4	0.34	2975	16.6
Locked Rotor Torque	<u>109</u>	Nm	50%	5.6	7.5	6.7	83.6	0.56	2945	18.3
Locked Rotor Current	<u>153</u>	Amps	75%	8.4	11.3	9.8	85.6	0.70	2915	21.2
Winding Resistance	<u>1.03</u>	Ohms	100%	11.2	15.0	13.1	85.4	0.78	2885	25.5
Weight (With Water)	<u>80</u>	Kg (Approximate)	125%	14.0	18.8	16.6	84.3	0.83	2850	30.4



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

