

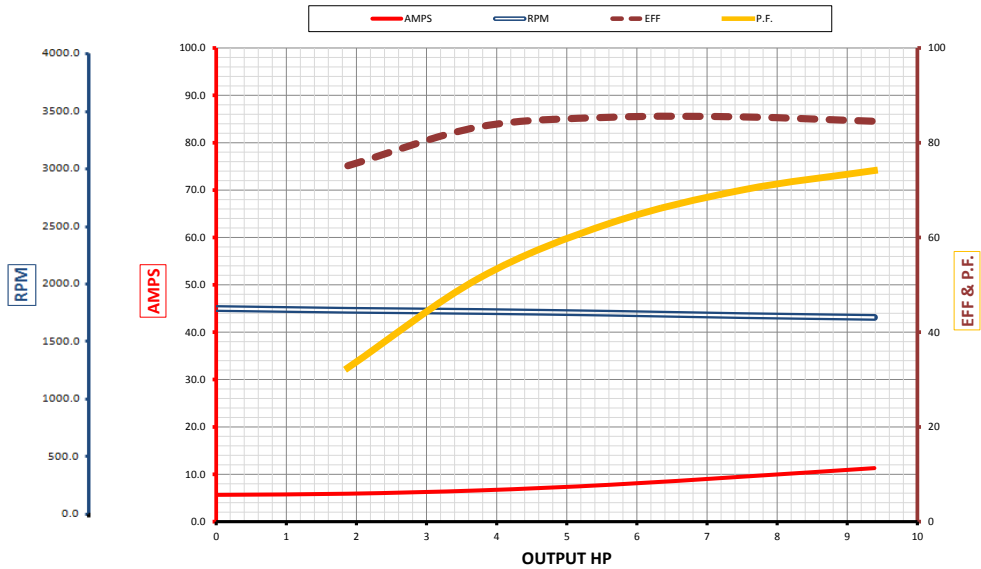


MOTOR PERFORMANCE DATA

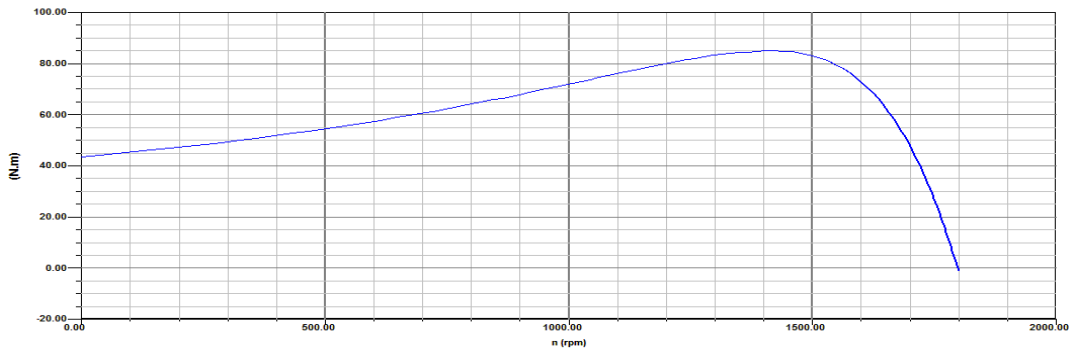
Model: **8" 4P Submersible Motor**

<u>WATER</u>	Type	<u>7.5</u>	HP	<u>9.5</u>	AMPS	Date: 23/10/2015 7.5 HP 1740 RPM 60 Hertz 220 mm Stack
<u>3</u>	Phase	<u>575</u>	Volt	<u>1740</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>31</u>	Nm	No Load	0	0	0.5	0	0.09	1800	5.7
Break Down Torque	<u>85</u>	Nm	25%	1.4	1.9	1.9	75.1	0.32	1785	5.9
Locked Rotor Torque	<u>43</u>	Nm	50%	2.8	3.8	3.4	83.4	0.51	1775	6.6
Locked Rotor Current	<u>46</u>	Amps	75%	4.2	5.6	4.9	85.4	0.63	1760	7.8
Winding Resistance	<u>3.9</u>	Ohms	100%	5.6	7.5	6.6	85.4	0.70	1740	9.5
Weight (With Water)	<u>65</u>	Kg (Approximate)	125%	7.0	9.4	8.3	84.5	0.74	1725	11.3



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

