

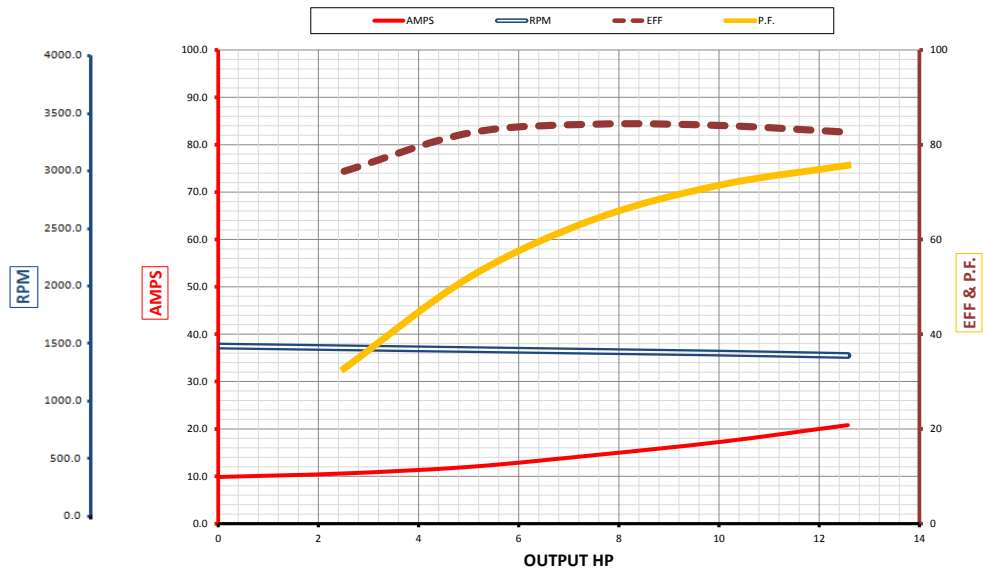


# MOTOR PERFORMANCE DATA

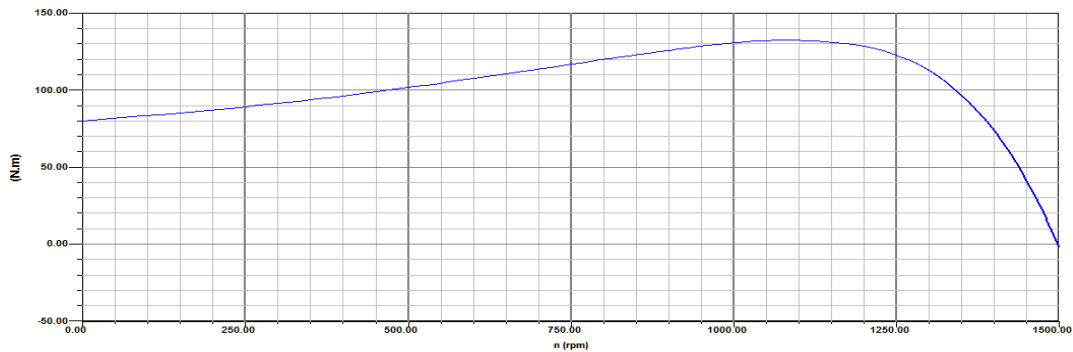
Model: **8" 4P Submersible Motor**

<u>WATER</u>	Type	<u>10</u>	HP	<u>17</u>	AMPS	Date: <b>12/01/2015</b> <b>10</b> HP <b>1440</b> RPM <b>50</b> Hertz <b>280</b> mm Stack
<u>3</u>	Phase	<u>415</u>	Volt	<u>1440</u>	RPM	
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water	<u>50</u>	Hertz	
				<u>4540</u>	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>50</u>	Nm	<b>No Load</b>	0	0	0.6	0	0.09	1500	9.9
Break Down Torque	<u>132</u>	Nm	<b>25%</b>	1.9	2.5	2.5	74.4	0.33	1485	10.6
Locked Rotor Torque	<u>80</u>	Nm	<b>50%</b>	3.8	5.0	4.5	82.5	0.52	1470	12.0
Locked Rotor Current	<u>82</u>	Amps	<b>75%</b>	5.6	7.5	6.7	84.3	0.64	1455	14.5
Winding Resistance	<u>1.74</u>	Ohms	<b>100%</b>	7.5	10.1	8.9	84.0	0.72	1440	17.3
Weight (With Water)	<u>80</u>	Kg (Approximate)	<b>125%</b>	9.4	12.6	11.3	82.6	0.76	1420	20.8



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

