

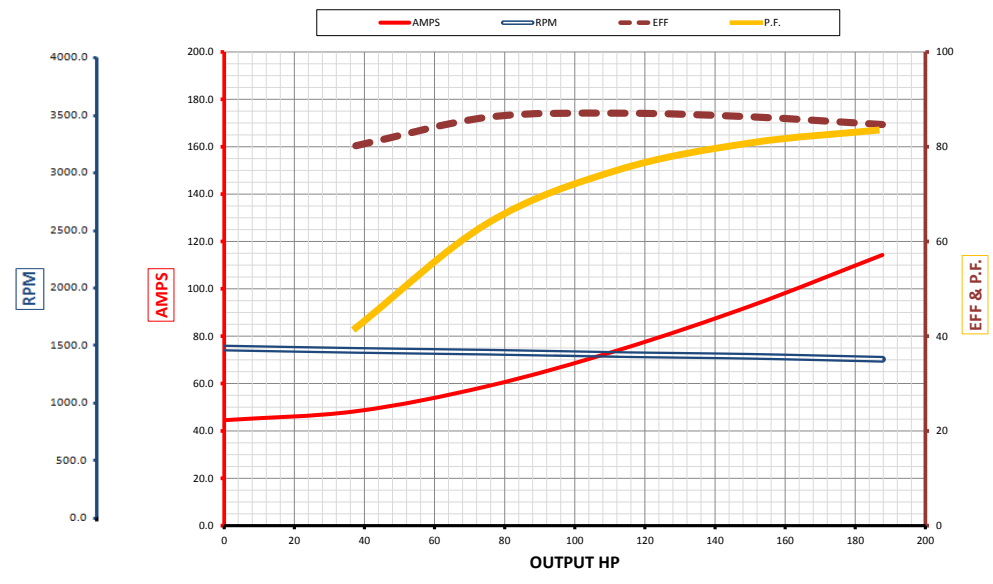


MOTOR PERFORMANCE DATA

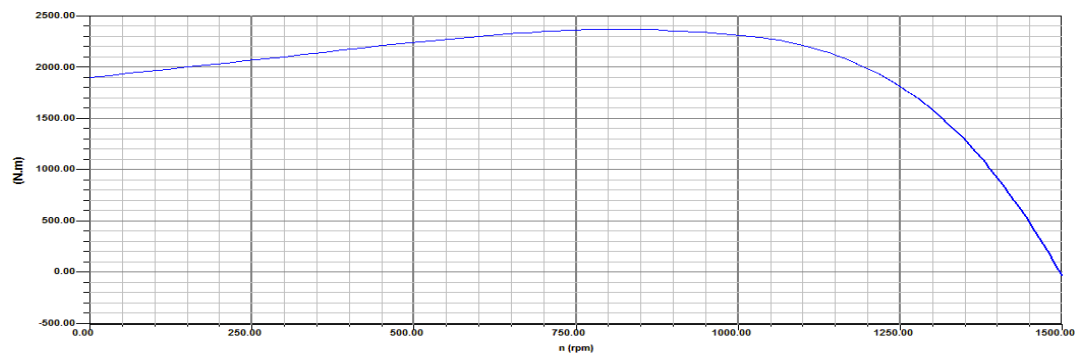
Model: **10" 4P Submersible Motor**

<u>WATER</u>	Type	<u>150</u>	HP	<u>93</u>	AMPS	Date: 15/04/2015 150 HP 1430 RPM 1300 mm Stack
<u>3</u>	Phase	<u>1000</u>	Volt	<u>1430</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>753</u>	Nm	No Load	0	0	7	0	0.09	1500	44.5
Break Down Torque	<u>2372</u>	Nm	25%	28	38	35	80.2	0.42	1480	48.3
Locked Rotor Torque	<u>1904</u>	Nm	50%	56	75	65	86.2	0.64	1465	58.9
Locked Rotor Current	<u>557</u>	Amps	75%	84	113	97	87.1	0.75	1445	74.2
Winding Resistance	<u>0.54</u>	Ohms	100%	112	150	130	86.3	0.81	1430	92.8
Weight (With Water)	<u>680</u>	Kg (Approximate)	125%	140	188	165	84.7	0.84	1405	114.3



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

