

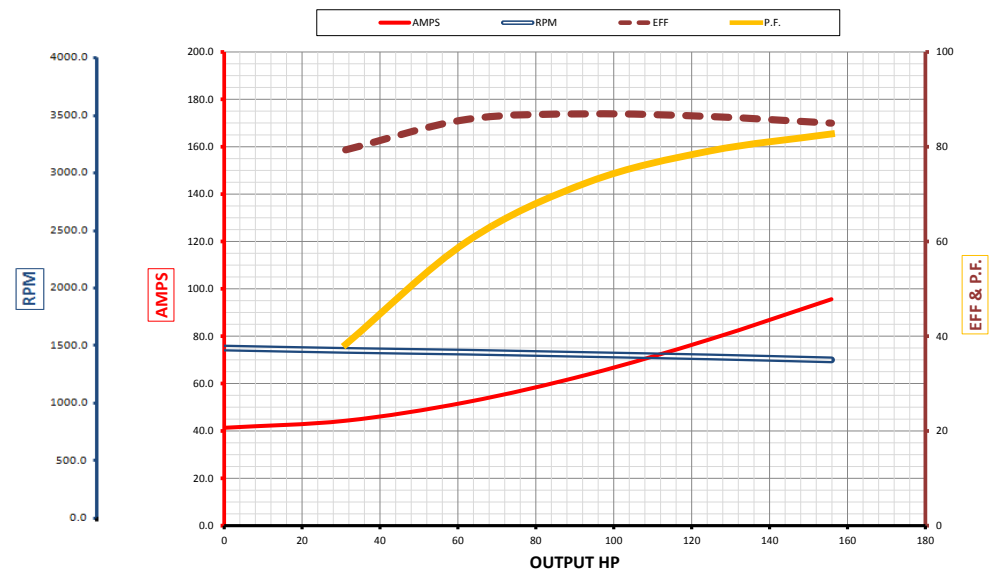


MOTOR PERFORMANCE DATA

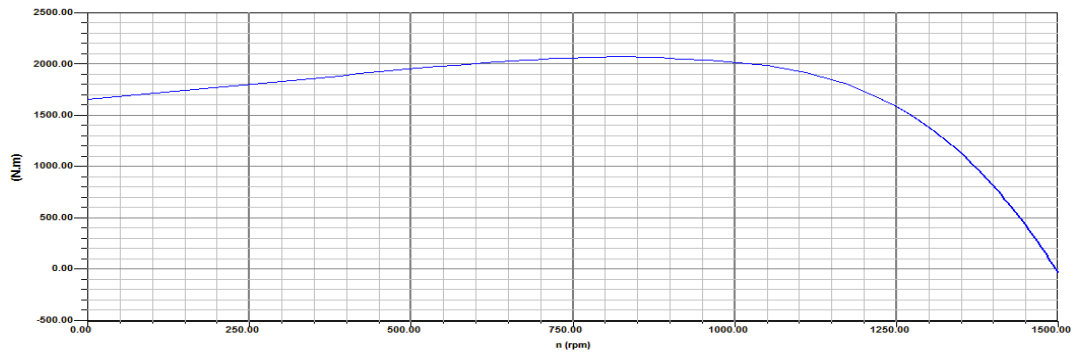
Model: **10" 4P Submersible Motor**

<u>WATER</u>	Type	<u>125</u>	HP	<u>79</u>	AMPS	Date: 15/04/2015 125 HP 1425 RPM 50 Hertz 1100 mm Stack
<u>3</u>	Phase	<u>1000</u>	Volt	<u>1425</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>623</u>	Nm	No Load	0	0	6	0	0.09	1500	41.3
Break Down Torque	<u>2071</u>	Nm	25%	23	31	29	79.3	0.38	1480	44.3
Locked Rotor Torque	<u>1659</u>	Nm	50%	47	62	54	85.8	0.60	1465	52.2
Locked Rotor Current	<u>472</u>	Amps	75%	70	94	80	86.9	0.73	1445	63.9
Winding Resistance	<u>0.65</u>	Ohms	100%	93	125	108	86.4	0.79	1425	78.7
Weight (With Water)	<u>580</u>	Kg (Approximate)	125%	116	156	137	85.0	0.83	1400	95.6



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

