

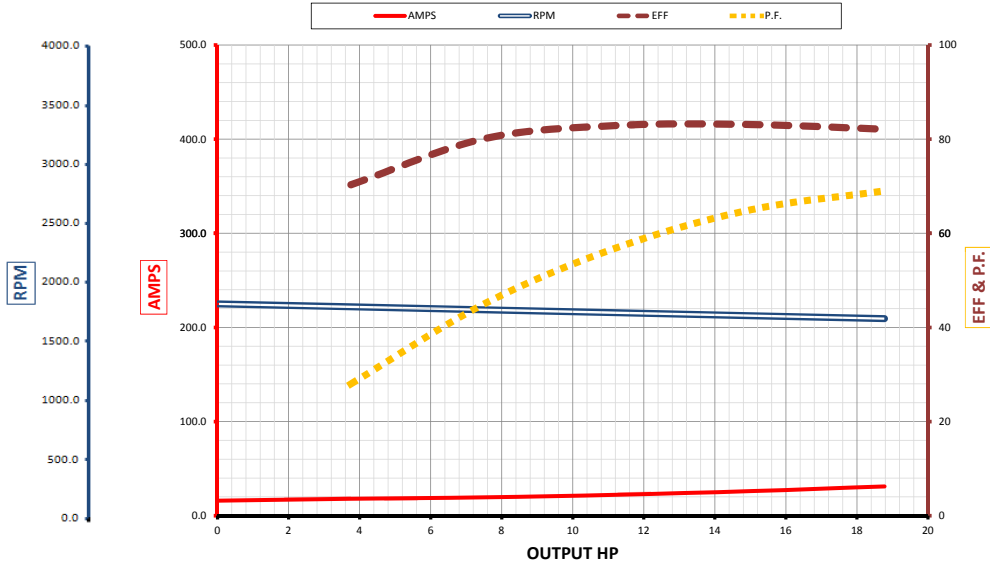


MOTOR PERFORMANCE DATA

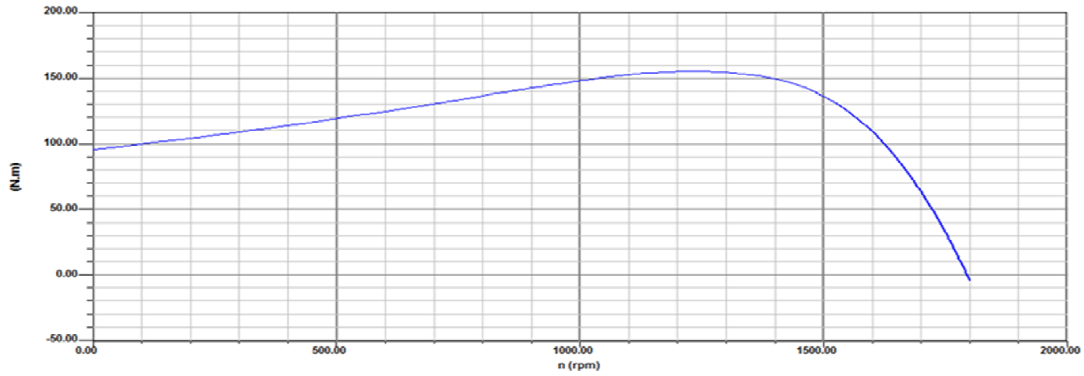
Model: **8" 4P Submersible Motor**

<u>WATER</u>	Type	<u>15</u>	HP	<u>26</u>	AMPS	Date: 24/06/2014 15 HP 1700 RPM 280 mm Stack
<u>3</u>	Phase	<u>460</u>	Volt	<u>1700</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>63</u>	Nm	No Load	0	0	0.9	0	0.07	1800	16.0
Break Down Torque	<u>156</u>	Nm	25%	2.8	4	4.0	70.3	0.28	1775	18.0
Locked Rotor Torque	<u>96</u>	Nm	50%	5.6	8	7.0	80.1	0.45	1750	19.5
Locked Rotor Current	<u>100</u>	Amps	75%	8.4	11	10.1	82.9	0.57	1725	22.3
Winding Resistance	<u>0.87</u>	Ohms	100%	11.2	15	13.5	83.1	0.65	1700	26.1
Weight (With Water)	<u>80</u>	Kg (Approximate)	125%	14.0	19	17.1	82.1	0.69	1675	31.1



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

