

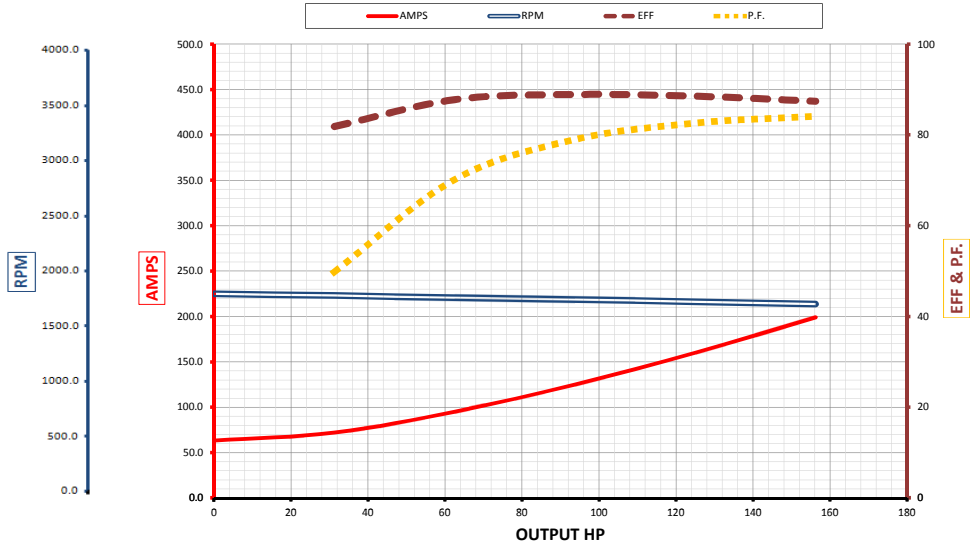


MOTOR PERFORMANCE DATA

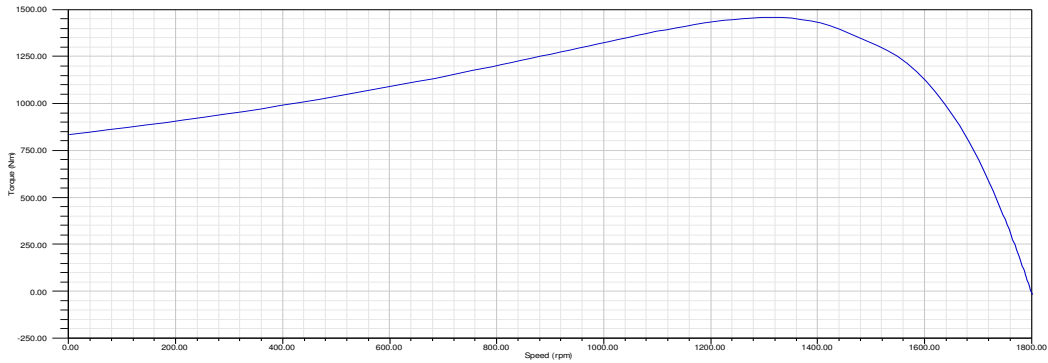
Model: **12" 4P Submersible Motor**

WATER	Type	125	HP	160	AMPS	Date: 1/07/2014 125 HP 1730 RPM 600 mm Stack
3	Phase	460	Volt	1730	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	60	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	514	Nm	No Load	0	0	4	0	0.08	1800	63.2
Break Down Torque	1458	Nm	25%	23	31	29	81.9	0.50	1785	71.9
Locked Rotor Torque	834	Nm	50%	47	62	53	87.8	0.70	1765	95.1
Locked Rotor Current	893	Amps	75%	70	94	79	88.9	0.79	1750	125.1
Winding Resistance	0.10	Ohms	100%	93	125	105	88.5	0.83	1730	160.2
Weight (With Water)	450	Kg (Approximate)	125%	117	156	133	87.4	0.84	1710	199.2



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

