

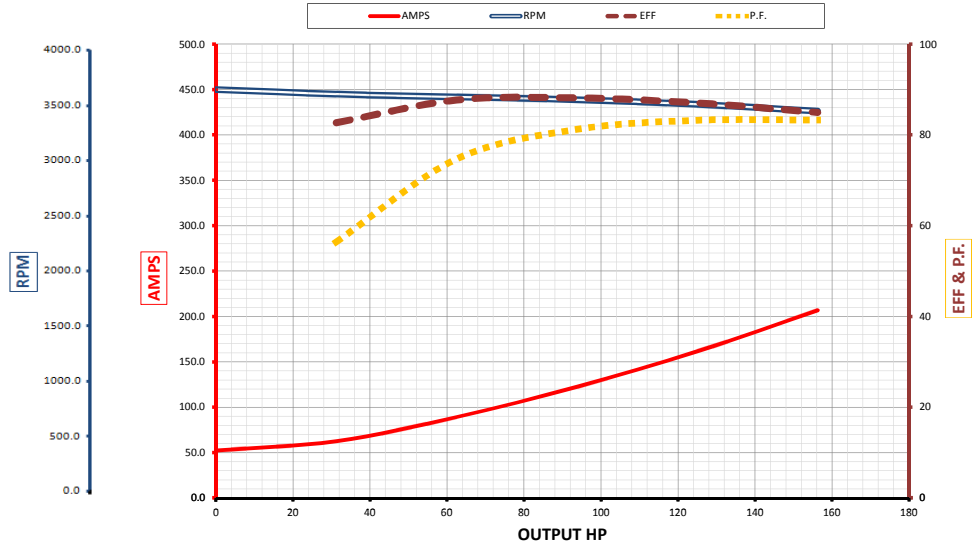


MOTOR PERFORMANCE DATA

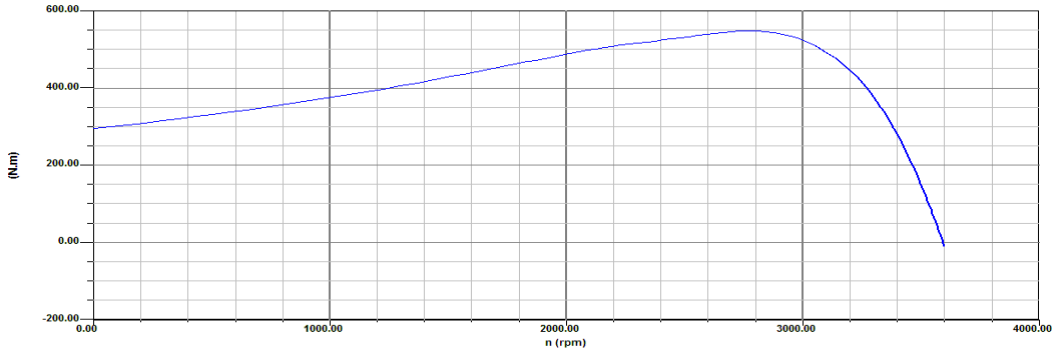
Model: **8" 2P Submersible Motor**

WATER	Type	125	HP	162	AMPS	Date: 24/06/2014 125 HP 3470 RPM 1000 mm Stack
3	Phase	460	Volt	3470	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	260	Nm	No Load	0.0	0	4	0	0.10	3600	52.5
Break Down Torque	548	Nm	25%	23.3	31	28	82.7	0.56	3560	62.8
Locked Rotor Torque	296	Nm	50%	46.6	62	53	87.7	0.75	3535	89.3
Locked Rotor Current	683	Amps	75%	69.9	94	79	88.2	0.81	3510	122.7
Winding Resistance	0.12	Ohms	100%	93.2	125	107	87.0	0.83	3470	161.7
Weight (With Water)	290	Kg (Approximate)	125%	116.5	156	137	85.0	0.83	3410	206.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

