

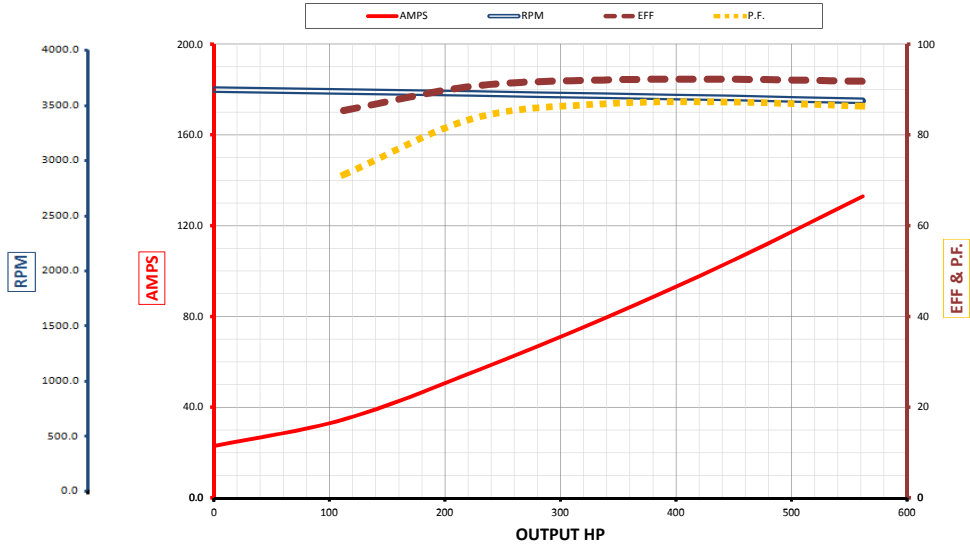


MOTOR PERFORMANCE DATA

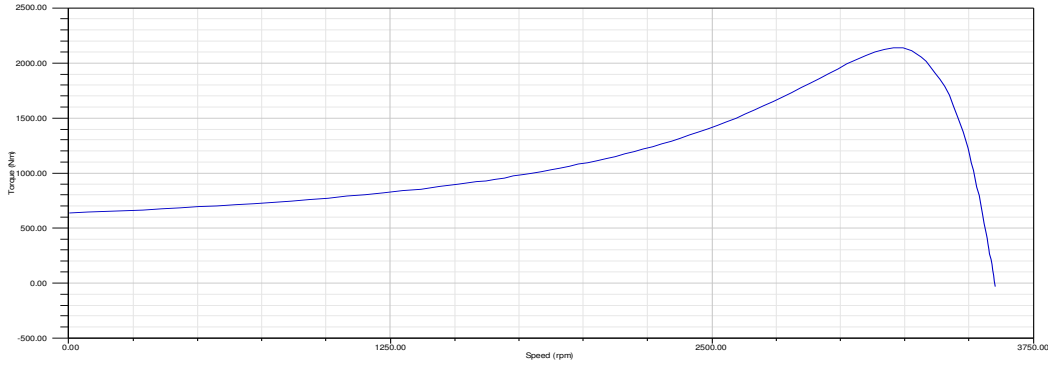
Model: **12" 2P Submersible Motor**

WATER	Type	450	HP	105	AMPS	Date: 28/07/2014 450 HP 3525 RPM 1300 mm Stack
3	Phase	2300	Volt	3525	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	908	Nm	No Load	0	0	14		0.15	3600	22.9
Break Down Torque	2126	Nm	25%	84	112	98	85.3	0.71	3582	34.6
Locked Rotor Torque	637	Nm	50%	168	225	185	90.7	0.84	3565	55.5
Locked Rotor Current	494	Amps	75%	251	337	273	92.1	0.87	3545	79.0
Winding Resistance	0.41	Ohms	100%	335	449	363	92.2	0.87	3525	104.7
Weight (With Water)	1000	Kg (Approximate)	125%	419	562	456	91.8	0.86	3500	132.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

