

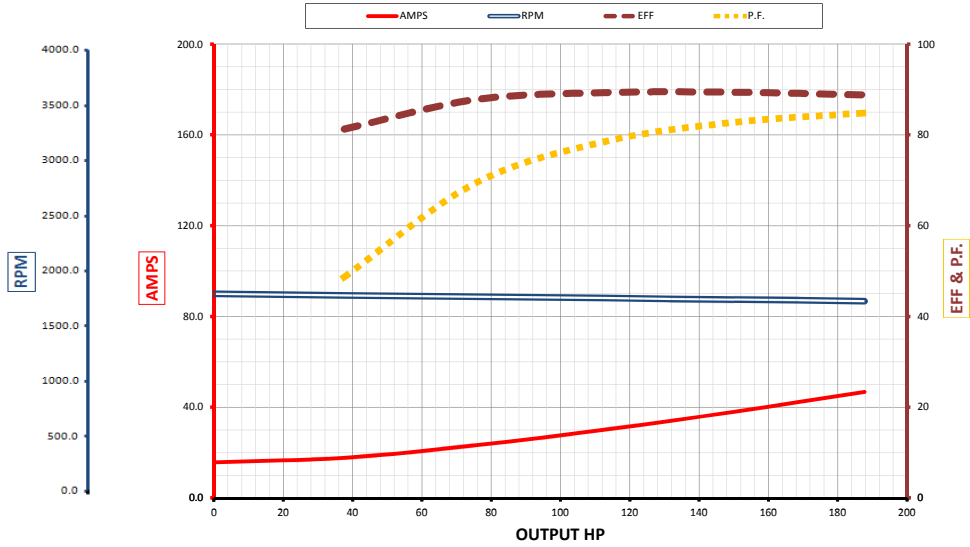


MOTOR PERFORMANCE DATA

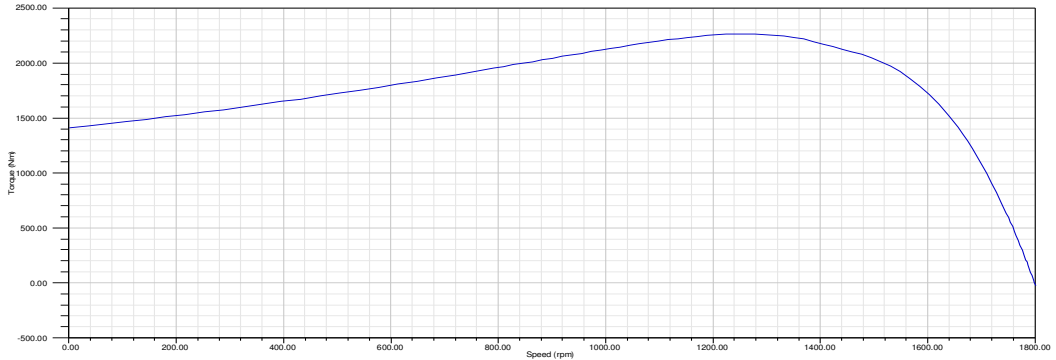
Model: **12" 4P Submersible Motor**

WATER	Type	150	HP	38	AMPS	Date: 28/07/2014 150 HP 1750 RPM 1100 mm Stack
3	Phase	2300	Volt	1750	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	612	Nm	No Load	0	0	5	0	0.08	1800	15.8
Break Down Torque	2264	Nm	25%	28	38	35	81.3	0.49	1787	17.8
Locked Rotor Torque	1411	Nm	50%	56	75	64	87.7	0.69	1775	23.2
Locked Rotor Current	228	Amps	75%	84	113	94	89.3	0.78	1762	30.1
Winding Resistance	1.93	Ohms	100%	112	150	125	89.4	0.83	1750	38.0
Weight (With Water)	800	Kg (Approximate)	125%	140	188	158	88.8	0.85	1735	46.7



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

