

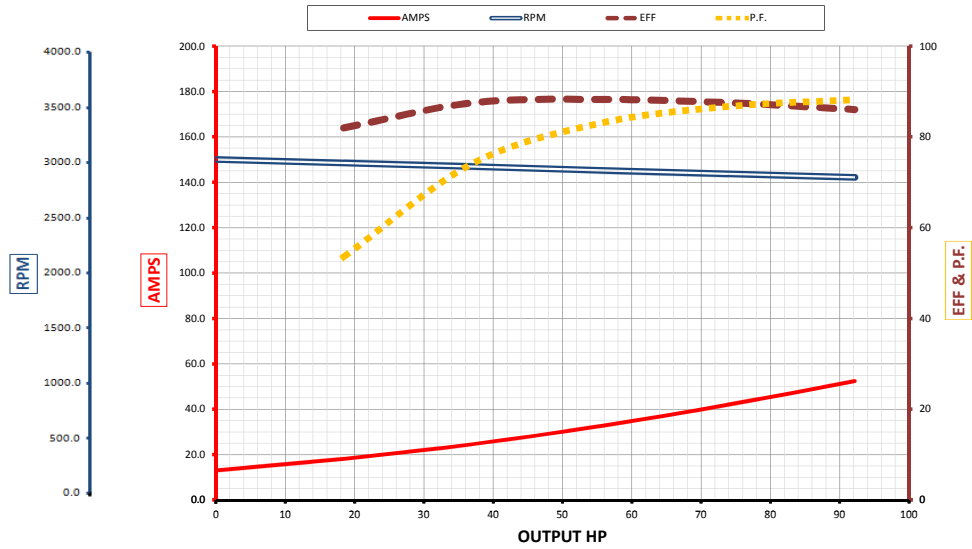


MOTOR PERFORMANCE DATA

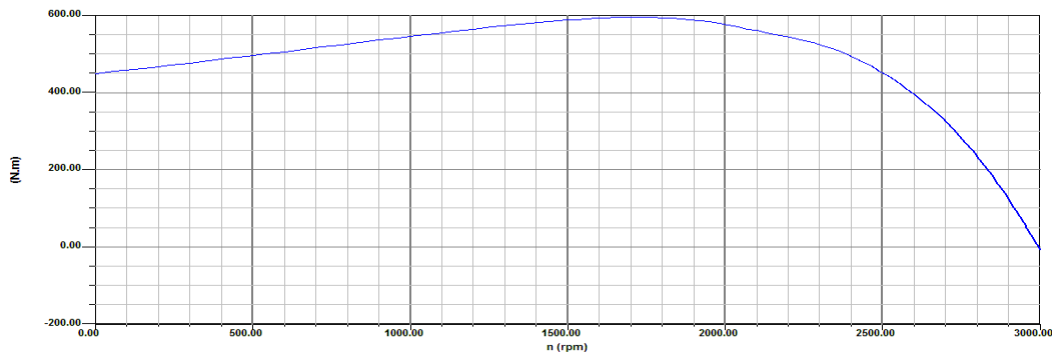
Model: **8" 2P Submersible Motor**

WATER	Type	75	HP	42	AMPS	Date: 15/11/2013 75 HP 2875 RPM 800 mm Stack
3	Phase	1000	Volt	2875	RPM	
1.15	S.F.	30Deg.C	Max.Amb.Water	50	Hertz	
				4540	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	184	Nm	No Load	0.0	0.0	3	0	0.12	3000	13.0
Break Down Torque	595	Nm	25%	13.8	18.4	17	82.0	0.54	2969	18.1
Locked Rotor Torque	450	Nm	50%	27.5	36.9	31	87.5	0.74	2938	24.5
Locked Rotor Current	251	Amps	75%	41.3	55.3	47	88.2	0.83	2906	32.5
Winding Resistance	0.82	Ohms	100%	55.0	73.8	63	87.5	0.87	2875	41.9
Weight (With Water)	220	Kg (Approximate)	125%	68.8	92.2	80	86.0	0.88	2844	52.4



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

