

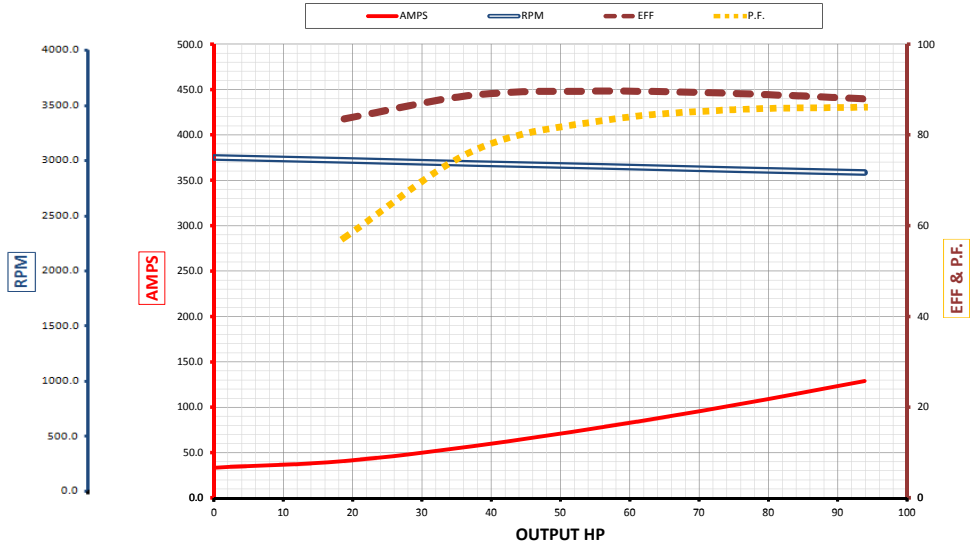


MOTOR PERFORMANCE DATA

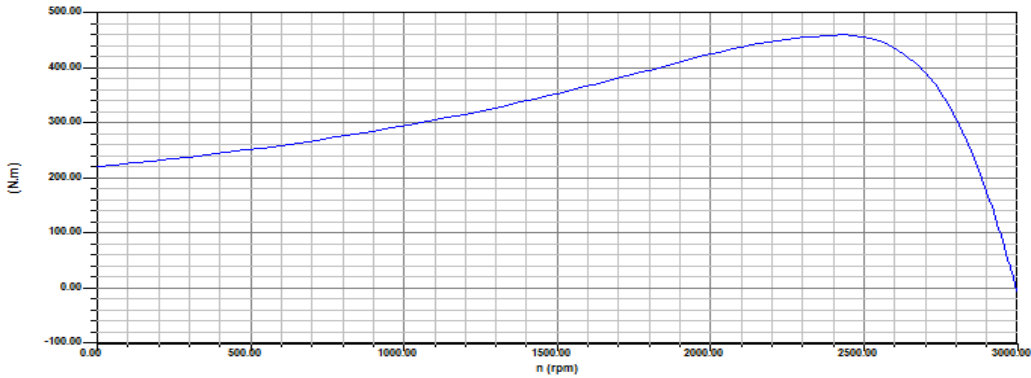
Model: **10" 2P Submersible Motor**

WATER	Type	75	HP	102	AMPS	Date: 17/06/2014 75 HP 2895 RPM 425 mm Stack
3	Phase	415	Volt	2895	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	185	Nm	No Load	0	0	2.3	0	0.09	3000	33.3
Break Down Torque	459	Nm	25%	14	19	16.8	83.5	0.57	2974	40.8
Locked Rotor Torque	221	Nm	50%	28	38	31.5	88.8	0.77	2948	57.3
Locked Rotor Current	523	Amps	75%	42	56	46.9	89.6	0.83	2921	78.5
Winding Resistance	0.15	Ohms	100%	56	75	62.8	89.1	0.86	2895	102.3
Weight (With Water)	240	Kg (Approximate)	125%	70	94	79.6	87.9	0.86	2869	128.8



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

