

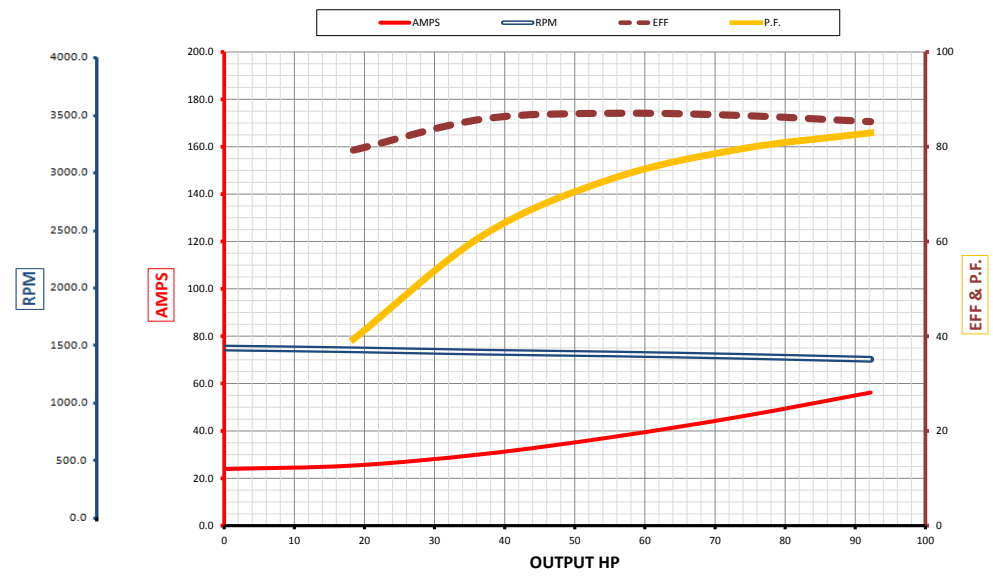


MOTOR PERFORMANCE DATA

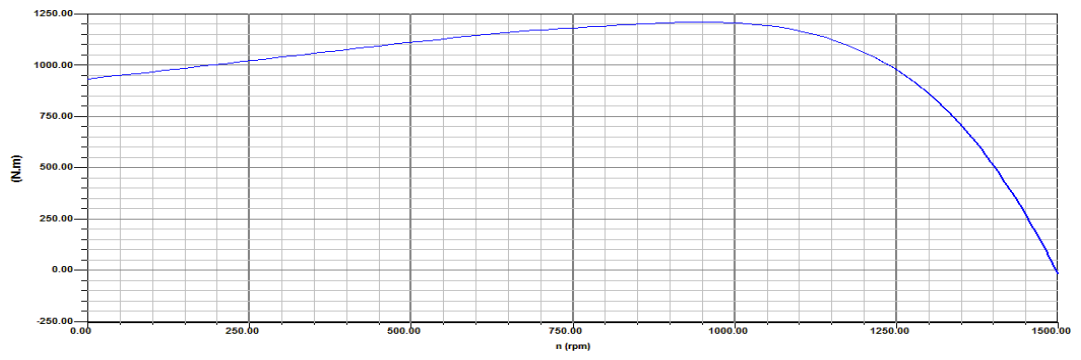
Model: **10" 4P Submersible Motor**

<u>WATER</u>	Type	<u>75</u>	HP	<u>46</u>	AMPS	Date: 15/04/2015 75 HP 1430 RPM 800 mm Stack
<u>3</u>	Phase	<u>1000</u>	Volt	<u>1430</u>	RPM	
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water	<u>50</u>	Hertz	
				<u>4540</u>	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>367</u>	Nm	No Load	0	0	3.8	0	0.09	1500	23.9
Break Down Torque	<u>1211</u>	Nm	25%	13.8	18	17.3	79.3	0.39	1485	25.4
Locked Rotor Torque	<u>935</u>	Nm	50%	27.5	37	32.0	85.8	0.61	1465	30.2
Locked Rotor Current	<u>277</u>	Amps	75%	41.3	55	47.4	87.1	0.73	1450	37.4
Winding Resistance	<u>1.12</u>	Ohms	100%	55.0	74	63.5	86.6	0.80	1430	46.1
Weight (With Water)	<u>420</u>	Kg (Approximate)	125%	68.8	92	80.6	85.3	0.83	1405	56.2



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

