



MOTOR PERFORMANCE DATA

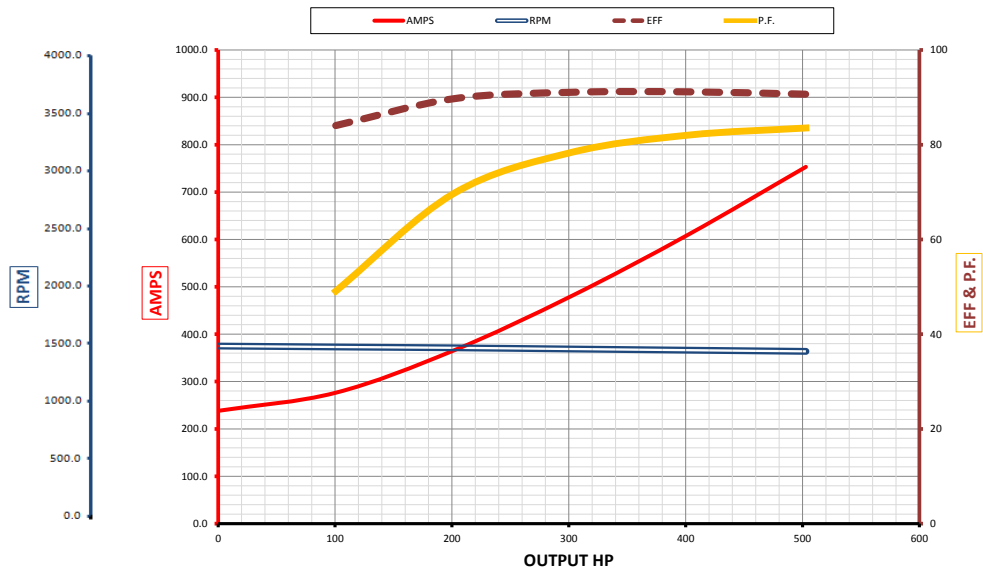
Model: **16" 4P Submersible Motor**

<u>WATER</u>	Type	<u>400</u>	HP
<u>3</u>	Phase	<u>380</u>	Volt
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water

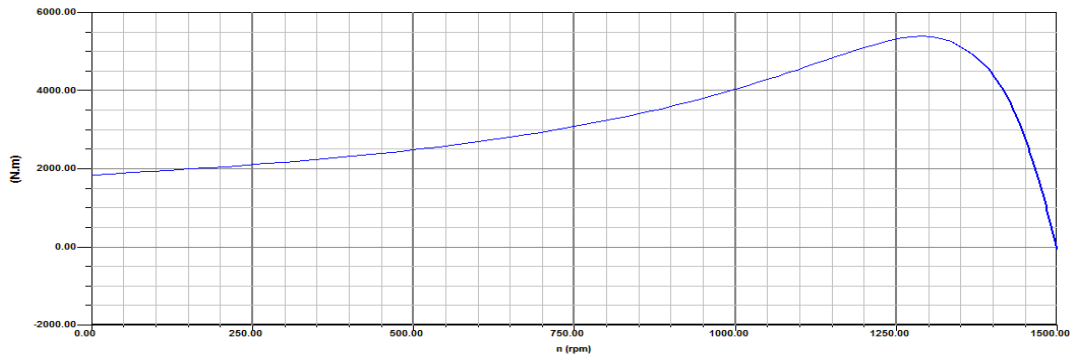
<u>610</u>	AMPS
<u>1465</u>	RPM
<u>50</u>	Hertz
<u>4540</u>	Kg Thrust Load

Date:	27/02/2015
400	HP
1465	RPM
900	mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>1953</u>	Nm								
Break Down Torque	<u>5394</u>	Nm	No Load	0	0	15	0	0.10	1500	238.2
Locked Rotor Torque	<u>1847</u>	Nm	25%	75	101	89	84.0	0.49	1492	276.4
Locked Rotor Current	<u>3301</u>	Amps	50%	150	201	167	89.7	0.70	1485	365.2
Winding Resistance	<u>0.02</u>	Ohms	75%	225	302	247	91.1	0.78	1475	479.8
Weight (With Water)	<u>1300</u>	Kg (Approximate)	100%	300	402	329	91.2	0.82	1465	610.3
			125%	375	503	414	90.7	0.84	1455	753.2



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

