

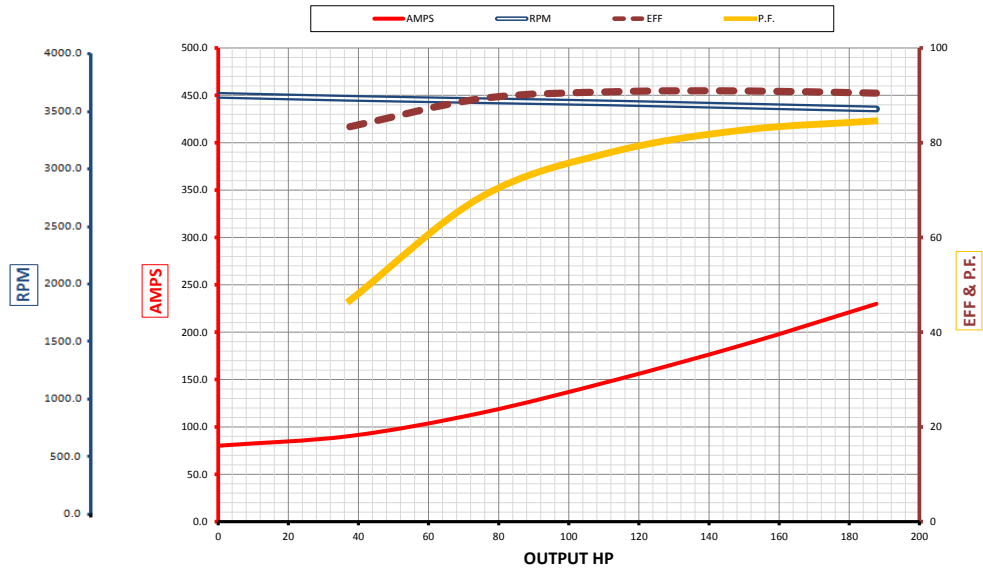


MOTOR PERFORMANCE DATA

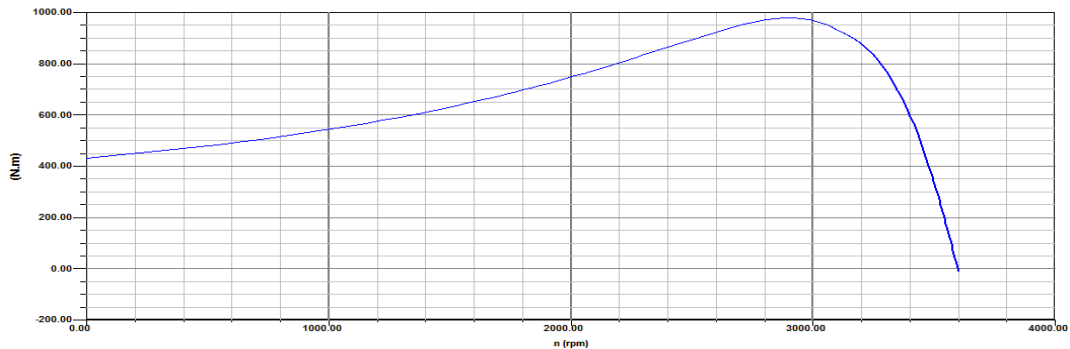
Model: **10" 2P Submersible Motor**

<u>WATER</u>	Type	<u>150</u>	HP	<u>187</u>	AMPS	Date: 13/01/2015 150 HP 3510 RPM 650 mm Stack
<u>3</u>	Phase	<u>460</u>	Volt	<u>3510</u>	RPM	
<u>1.15</u>	S.F.	<u>30Deg.C</u>	Max.Amb.Water	<u>60</u>	Hertz	
				<u>4540</u>	Kg Thrust Load	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>305</u>	Nm	No Load	0	0	4	0	0.07	3600	80.2
Break Down Torque	<u>978</u>	Nm	25%	28	38	34	83.4	0.47	3575	90.4
Locked Rotor Torque	<u>431</u>	Nm	50%	56	75	63	89.3	0.69	3555	114.9
Locked Rotor Current	<u>1123</u>	Amps	75%	84	113	93	90.8	0.78	3535	149.0
Winding Resistance	<u>0.06</u>	Ohms	100%	112	150	123	90.9	0.83	3510	187.2
Weight (With Water)	<u>360</u>	Kg (Approximate)	125%	140	188	155	90.5	0.85	3485	229.9



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

