



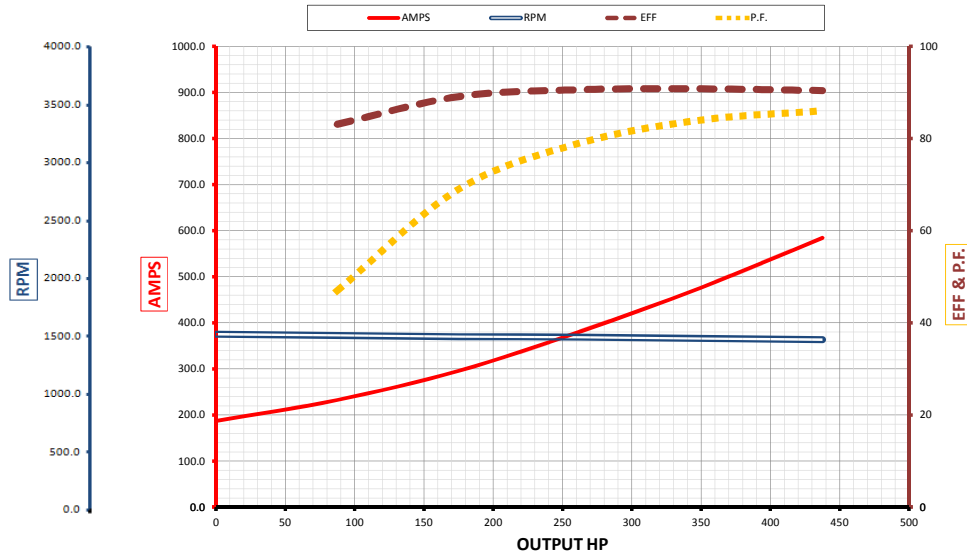
# MOTOR PERFORMANCE DATA

Model: **14" 4P Submersible Motor**

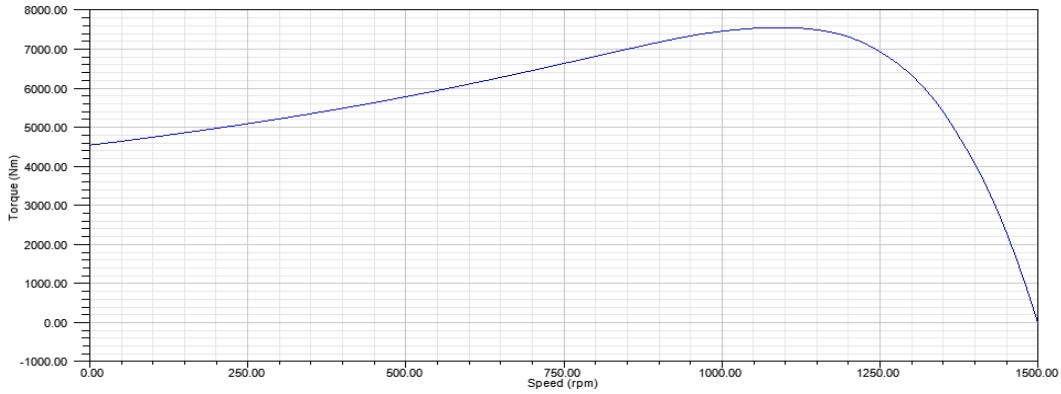
<b>WATER</b> Type	<b>350</b> HP	<b>477</b> AMPS
<b>3</b> Phase	<b>415</b> Volt	<b>1465</b> RPM
<b>1.15</b> S.F.	<b>30Deg.C</b> Max.Amb.Water	<b>50</b> Hertz
		<b>4540</b> Kg Thrust Load

Date:	<b>19/06/2014</b>
<b>350</b> HP	
<b>1465</b> RPM	
<b>1300</b> mm Stack	

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<b>1703</b> Nm		No Load	<b>0</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>0.07</b>	<b>1500</b>	<b>187.0</b>
Break Down Torque	<b>7532</b> Nm		25%	<b>65</b>	<b>88</b>	<b>79</b>	<b>83.1</b>	<b>0.47</b>	<b>1490</b>	<b>232.6</b>
Locked Rotor Torque	<b>4526</b> Nm		50%	<b>131</b>	<b>175</b>	<b>147</b>	<b>89.1</b>	<b>0.69</b>	<b>1480</b>	<b>295.7</b>
Locked Rotor Current	<b>3080</b> Amps		75%	<b>196</b>	<b>263</b>	<b>216</b>	<b>90.6</b>	<b>0.79</b>	<b>1475</b>	<b>381.0</b>
Winding Resistance	<b>0.025</b> Ohms		100%	<b>261</b>	<b>350</b>	<b>287</b>	<b>90.8</b>	<b>0.84</b>	<b>1465</b>	<b>476.6</b>
Weight (With Water)	<b>1380</b> Kg (Approximate)		125%	<b>326</b>	<b>438</b>	<b>361</b>	<b>90.4</b>	<b>0.86</b>	<b>1455</b>	<b>584.5</b>



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

