



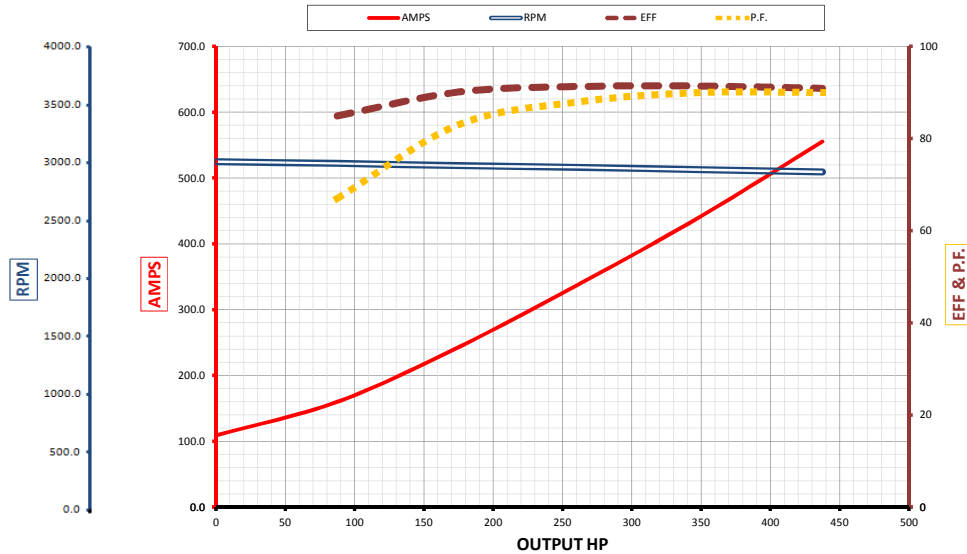
MOTOR PERFORMANCE DATA

Model: 12" 2P Submersible Motor

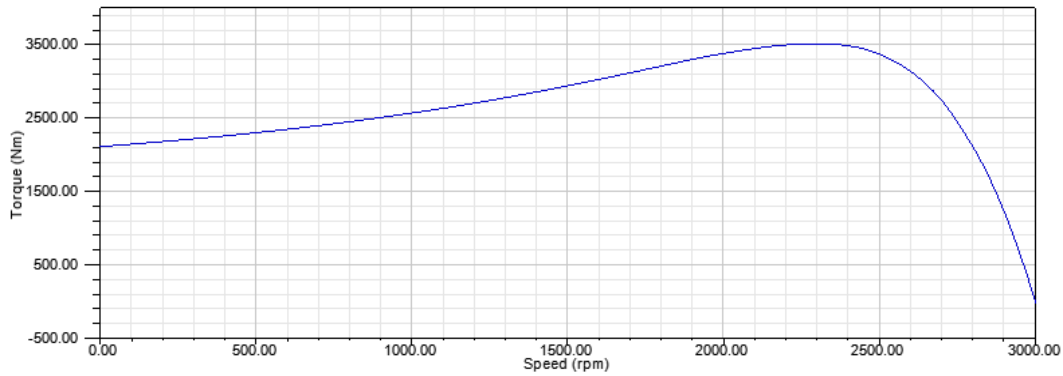
<u>WATER</u> Type	<u>350</u> HP	<u>442</u> AMPS
<u>3</u> Phase	<u>415</u> Volt	<u>2930</u> RPM
<u>1.15</u> S.F.	<u>30Deg.C</u> Max.Amb.Water	<u>50</u> Hertz
		<u>4540</u> Kg Thrust Load

Date:	<u>18/06/2014</u>
	<u>350</u> HP
	<u>2930</u> RPM
	<u>1200</u> mm Stack

			Load	KW out	HP	KW in	EFF	P.F.	RPM	AMPS
Full Load Torque	<u>850</u> Nm		No Load	<u>0</u>	<u>0</u>	<u>9</u>	<u>0</u>	<u>0.12</u>	<u>3000</u>	<u>108.9</u>
Break Down Torque	<u>3500</u> Nm		25%	<u>65</u>	<u>88</u>	<u>77</u>	<u>84.9</u>	<u>0.67</u>	<u>2985</u>	<u>159.9</u>
Locked Rotor Torque	<u>2105</u> Nm		50%	<u>131</u>	<u>175</u>	<u>145</u>	<u>90.1</u>	<u>0.83</u>	<u>2965</u>	<u>243.0</u>
Locked Rotor Current	<u>2940</u> Amps		75%	<u>196</u>	<u>263</u>	<u>214</u>	<u>91.3</u>	<u>0.88</u>	<u>2950</u>	<u>339.4</u>
Winding Resistance	<u>0.03</u> Ohms		100%	<u>261</u>	<u>350</u>	<u>286</u>	<u>91.4</u>	<u>0.90</u>	<u>2930</u>	<u>442.0</u>
Weight (With Water)	<u>950</u> Kg (Approximate)		125%	<u>326</u>	<u>438</u>	<u>359</u>	<u>90.9</u>	<u>0.90</u>	<u>2910</u>	<u>555.4</u>



OUTPUT TORQUE VS SPEED



ADDITIONAL INPUT WATTS DUE TO THRUST

