DC V	RPM/SF	TORQ x 1000	AMPS/C	Input Po	Powe	Continus HP	Torque Nm	Peak HP	angular speed W
5	275	0.003472291	20	100	0.1	0.087131367	6.627017842	0.1742627	9.80833
10	550	0.006944582	40	400	0.4	0.348525469	13.25403568	0.6970509	19.6167
20	1100	0.013889164	80	1600	1.6	1.394101877	26.50807137	2.7882038	39.2333
30	1650	0.017361455	100	3000	3	2.613941019	33.13508921	5.227882	58.85
40	2200	0.020833745	120	4800	4.8	4.18230563	39.76210705	8.3646113	78.4667
50	2750	0.024306036	140	7000	7	6.09919571	46.38912489	12.198391	98.0833
60	3300	0.027778327	160	9600	9.6	8.36461126	53.01614274	16.729223	117.7
70	3850	0.031250618	180	12600	12.6	10.97855228	59.64316058	21.957105	137.317
80	4400	0.034722909	200	16000	16	13.94101877	66.27017842	27.882038	156.933
90	4950	0.0381952	220	19800	19.8	17.25201072	72.89719626	34.504021	176.55
100	5500	0.041667491	240	24000	24	20.91152815	79.5242141	41.823056	196.167
110	6050	0.048612073	280	30800	30.8	26.83646113	92.77824979	53.672922	215.783
120	6600	0.052084364	300	36000	36	31.36729223	99.40526763	62.734584	235.4
120	6600	0.060765091	350	42000	42	36.59517426	115.9728122	73.190349	235.4

Test data with or 120V @ 500amp air craft ESC , 154-120 motor & 50-inch prop

Actual Test Data under load 50 inch prop

Motor: 154-120 50kv ESC: 120V @500A ESC Prop:T 50x9.5				
KV	**Voltage(V)**	**Current(A)**	**Thrust(kg)**	**RPM**
55	102	40	26.3	2000
55	102	80	40.3	2470
55	102	120	53.4	2780
55	102	190	70	3000

55	102	220	75	3100	full thro