PROJECT: Scintilla 48mm
MOTOR: 2 607 022 078
NOTE:

DATE: 1/14/03
WIND: 90-14

Stall Torq.	Stall Amps	Max. Watts	Max. HP
797.5	116.4	376.2	0.504

Arm Res. 0.094

in-lb	from : to >	mN-m	RPM / V	6.85 m-Nm/A	57.3A	11 V	oz-in	from : to >	mN-m
1.0	=	113.0	1639				16.0	=	113.0

Battery Simulation		POINT	RPM	TORQUE	AMPS	VOLTS	Watts In	Efficiency	Watts Out	HP Out
Voltage	Cell Res	0	18,031	0	5.32	11.0	58	0.0%	0	0.000
11 V	0 Ω	1	16,743	57	13.7	11.0	151	66.2%	100	0.134
Cell Voltage	# of cells	2	15,455	114	21.6	11.0	238	77.5%	184	0.247
1.25 V	0	3	14,167	171	29.5	11.0	325	78.1%	253	0.340
		4	12,879	228	37.4	11.0	411	74.6%	307	0.412
Motor Curve Data		5	11,591	285	45.3	11.0	498	69.3%	346	0.463
-- Enter in Yellow --		6	10,303	342	53.2	11.0	585	63.0%	369	0.494
Curve test voltage		7	9,015	398.8	61.1	11.0	672	56.0%	376	0.504
12 V		8	7,728	456	69.0	11.0	759	48.6%	369	0.494
No-Load Speed		9	6,440	513	76.9	11.0	846	40.8%	346	0.463
Current	RPM	10	5,152	570	84.8	11.0	933	32.9%	307	0.412
5.8 A	19,670	11	3,864	627	92.7	11.0	1020	24.8%	253	0.340
At Stall		12	2,576	684	100.6	11.0	1107	16.7%	184	0.247
Torque	Current	13	1,288	741	108.5	11.0	1194	8.4%	100	0.134
870.0	127 A	14	0	797.5	116.4	11.0	1281	0.0%	0	0.000