

Motor: Mamba 5400
 Prop: WeMoTec Micro Fan
 ESC: Phx 25 v1.22 lo tmg
 Battery: PS @10.5V

Input Voltage	Input Current (amps)	Input Power (watts)	RPM	Pitch Speed (MPH)	Thrust (oz)	Kv	% of no-load Kv	Throttle Position (%)
	0.00	0.00	-	0.0	0.0	0	0%	0
10.79	0.70	7.55	-	0.0	0.83	0	0.0%	10
10.77	1.70	18.31	-	0.0	1.96	0	0.0%	20
10.75	2.83	30.42	25	0.1	3.03	2	0.0%	30
10.73	4.03	43.24	-	0.0	4.04	0	0.0%	40
10.71	5.37	57.49	-	0.0	4.99	0	0.0%	50
10.68	6.72	71.74	-	0.0	5.59	0	0.0%	60
10.65	8.56	91.12	625	1.8	6.45	59	1.1%	70
10.61	10.52	111.62	1,000	2.8	8.25	94	1.7%	80
10.56	13.05	137.87	400	1.1	10.20	38	0.7%	90
10.52	15.50	162.98	46,360	0.0	11.63	0	0.0%	100

Load Test

No-Load Test

				n/a	n/a		100%	100
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Motor: Y22S-5000
 Prop: WeMoTec Micro Fan
 ESC: Phx 25 v1.22 lo tmg
 Battery: PS @10.5V

Input Voltage	Input Current (amps)	Input Power (watts)	RPM	Pitch Speed (MPH)	Thrust (oz)	Kv	% of no-load Kv	Throttle Position (%)
	0.00	0.0	0	0.0	0.0	0	0.0%	0
10.76	0.99	10.6	0	0.0	0.95	0	0.0%	10
10.72	2.26	24.2	0	0.0	2.15	0	0.0%	20
10.70	3.81	40.7	0	0.0	3.44	0	0.0%	30
10.68	5.31	56.7	0	0.0	4.58	0	0.0%	40
10.65	6.88	73.3	0	0.0	5.67	0	0.0%	50
10.63	8.26	87.8	0	0.0	6.68	0	0.0%	60
10.61	9.70	103.0	0	0.0	7.70	0	0.0%	70
10.59	11.77	124.6	0	0.0	9.07	0	0.0%	80
10.53	15.43	162.5	950	2.7	11.24	90	1.6%	90
10.50	17.59	184.7	47,000	0.0	12.39	0	0.0%	100

Load Test

No-Load Test

7.02	1.44	10.1	39,150	n/a	n/a	5,577	100%	100
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Motor: Razor 300
 Prop: WeMoTec Micro Fan
 ESC: Phx 25 v1.14 std tmg
 Battery: PS @10.5V

Input Voltage	Input Current (amps)	Input Power (watts)	RPM	Pitch Speed (MPH)	Thrust (oz)	Kv	% of no-load Kv	Throttle Position (%)
	0.00	0.0	0	0.0	0.0	0	0.0%	0
10.73	0.53	5.7	0	0.0	0.63	18	0.0%	10
10.70	1.19	12.7	0	0.0	1.52	43	0.0%	20
10.67	1.99	21.2	0	0.0	2.40	68	0.0%	30
10.64	2.82	30.0	0	0.0	3.22	92	0.0%	40
10.62	3.75	39.8	0	0.0	3.86	110	0.0%	50
10.60	4.55	48.3	0	0.0	4.70	134	0.0%	60
10.60	5.36	56.8	0	0.0	5.52	157	0.0%	70
10.58	6.39	67.6	0	0.0	6.38	181	0.0%	80
10.55	8.35	88.1	175	0.5	7.88	224	1658.8%	90
10.51	11.58	121.7	43,050	122.3	10.11	287	#####	100

Load Test

No-Load Test

7.36	0.98	7.2	35,125	n/a	n/a		477242%	100
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