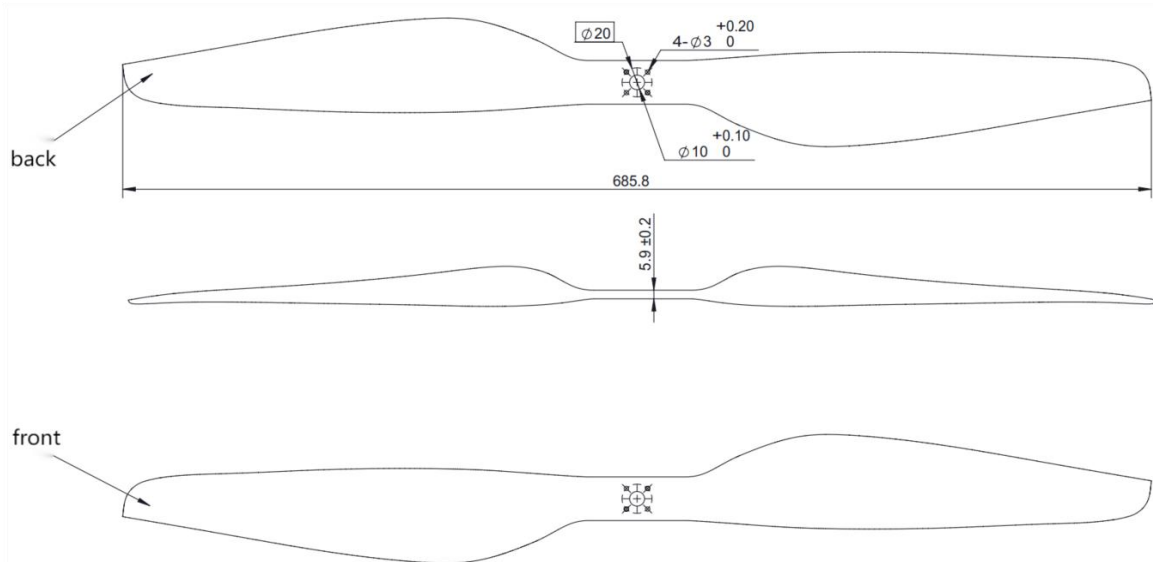


MSC 27x8.8

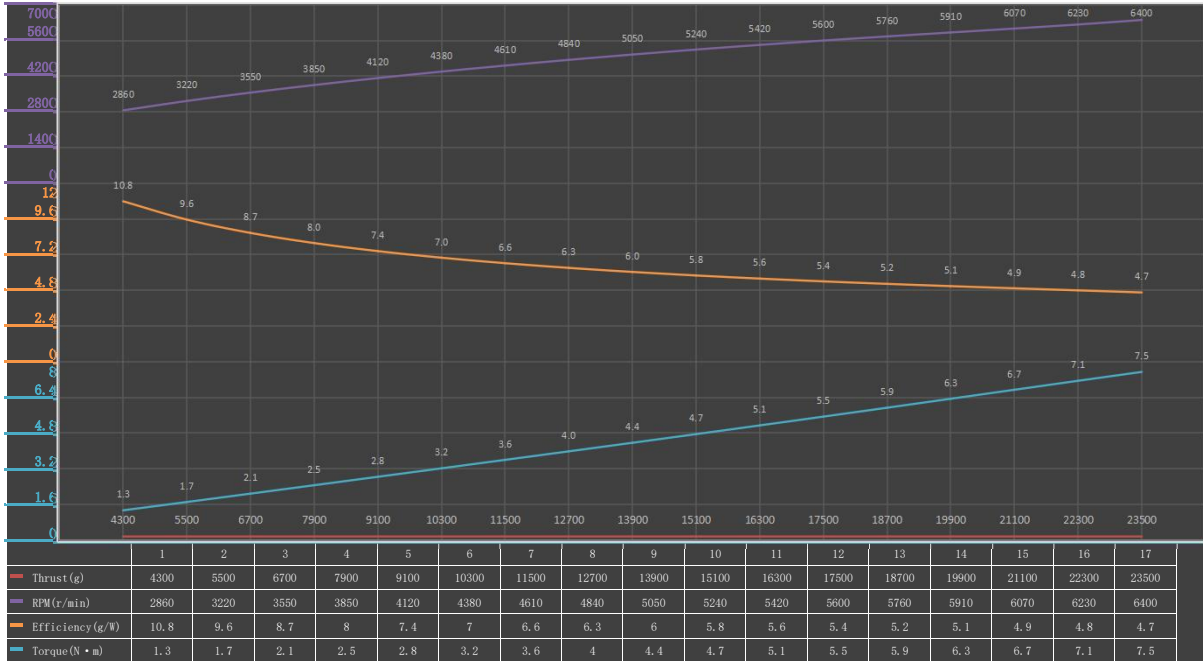
Specification

Model	MSC 27x8.8	Weight	80 g
Material of blade	Carbon fiber + Epoxy resin	Surface technics	Bright mirror
Storage temperature	-10~35 °C	Operating temperature	-40~65 °C
Recommended RPM range	1900~4000 RPM	Storage humidness	≤85 %
Max thrust	23.0 kg	Recommended thrust	5.0~10.0 kg
Non-folding/Folding	Non-folding propeller	Recommended motors of HOBBYWING	V8014 / V8017

Dimension Figure



Speed, thrust and torque test data



油门(%)	电压(V)	电流(A)	拉力(g)	转速(RPM)	统力效(g/	扭矩(Nm)
32.5	45.00	10.00	3418	2554	7.6	1.06
33.0	45.00	10.31	3520	2591	7.6	1.09
33.5	45.00	10.62	3622	2627	7.6	1.13
34.0	45.00	10.93	3723	2662	7.6	1.16
34.5	45.00	11.25	3824	2697	7.6	1.19
35.0	45.00	11.58	3925	2732	7.5	1.22
35.5	45.00	11.91	4026	2766	7.5	1.25
36.0	45.00	12.24	4127	2800	7.5	1.28
36.5	45.00	12.58	4227	2833	7.5	1.31
37.0	45.00	12.93	4328	2866	7.4	1.34
37.5	45.00	13.28	4428	2898	7.4	1.37
38.0	45.00	13.64	4529	2930	7.4	1.40
38.5	45.00	14.00	4629	2962	7.3	1.44
39.0	45.00	14.37	4730	2994	7.3	1.47
39.5	45.00	14.74	4831	3025	7.3	1.50
40.0	45.00	15.12	4932	3056	7.2	1.53
40.5	45.00	15.50	5034	3087	7.2	1.56
41.0	45.00	15.89	5136	3117	7.2	1.59
41.5	45.00	16.29	5238	3148	7.1	1.62
42.0	45.00	16.69	5340	3178	7.1	1.66
42.5	45.00	17.10	5443	3208	7.1	1.69
43.0	45.00	17.51	5547	3238	7.0	1.72
43.5	45.00	17.93	5651	3267	7.0	1.75
44.0	45.00	18.36	5755	3297	7.0	1.79
44.5	45.00	18.79	5860	3326	6.9	1.82
45.0	45.00	19.23	5966	3356	6.9	1.85
45.5	45.00	19.67	6072	3385	6.9	1.88
46.0	45.00	20.12	6179	3414	6.8	1.92
46.5	45.00	20.58	6286	3443	6.8	1.95
47.0	45.00	21.04	6395	3472	6.8	1.99
47.5	45.00	21.51	6504	3501	6.7	2.02
48.0	45.00	21.99	6613	3530	6.7	2.05
48.5	45.00	22.48	6724	3558	6.6	2.09
49.0	45.00	22.97	6835	3587	6.6	2.12
49.5	45.00	23.47	6948	3616	6.6	2.16
50.0	45.00	23.97	7061	3644	6.5	2.19
50.5	45.00	24.49	7175	3673	6.5	2.23
51.0	45.00	25.01	7290	3702	6.5	2.27
51.5	45.00	25.53	7406	3730	6.4	2.30
52.0	45.00	26.07	7523	3759	6.4	2.34
52.5	45.00	26.61	7641	3787	6.4	2.38
53.0	45.00	27.17	7760	3816	6.3	2.41
53.5	45.00	27.73	7880	3844	6.3	2.45
54.0	45.00	28.29	8001	3873	6.3	2.49
54.5	45.00	28.87	8123	3902	6.3	2.53
55.0	45.00	29.45	8246	3930	6.2	2.57
55.5	45.00	30.04	8370	3959	6.2	2.61
56.0	45.00	30.64	8495	3988	6.2	2.65
56.5	45.00	31.25	8622	4016	6.1	2.69

57.0	45.00	31.87	8749	4045	6.1	2.73
57.5	45.00	32.49	8878	4074	6.1	2.77
58.0	45.00	33.13	9008	4102	6.0	2.81
58.5	45.00	33.77	9139	4131	6.0	2.85
59.0	45.00	34.42	9271	4160	6.0	2.89
59.5	45.00	35.08	9404	4189	6.0	2.93
60.0	45.00	35.75	9539	4218	5.9	2.98
60.5	45.00	36.43	9674	4246	5.9	3.02
61.0	45.00	37.12	9811	4275	5.9	3.06
61.5	45.00	37.81	9950	4304	5.8	3.11
62.0	45.00	38.52	10089	4333	5.8	3.15
62.5	45.00	39.23	10230	4362	5.8	3.19
63.0	45.00	39.96	10371	4391	5.8	3.24
63.5	45.00	40.69	10514	4420	5.7	3.28
64.0	45.00	41.44	10659	4449	5.7	3.33
64.5	45.00	42.19	10804	4478	5.7	3.38
65.0	45.00	42.95	10951	4507	5.7	3.42
65.5	45.00	43.73	11099	4537	5.6	3.47
66.0	45.00	44.51	11248	4566	5.6	3.52
66.5	45.00	45.31	11399	4595	5.6	3.56
67.0	45.00	46.11	11551	4624	5.6	3.61
67.5	45.00	46.92	11704	4653	5.5	3.66
68.0	45.00	47.75	11858	4682	5.5	3.71
68.5	45.00	48.58	12013	4711	5.5	3.76
69.0	45.00	49.43	12170	4740	5.5	3.81
69.5	45.00	50.29	12328	4769	5.4	3.86
70.0	45.00	51.16	12487	4798	5.4	3.91
70.5	45.00	52.04	12647	4827	5.4	3.96
71.0	45.00	52.93	12809	4856	5.4	4.01
71.5	45.00	53.83	12972	4885	5.4	4.06
72.0	45.00	54.74	13136	4914	5.3	4.12
72.5	45.00	55.67	13301	4943	5.3	4.17
73.0	45.00	56.61	13467	4972	5.3	4.22
73.5	45.00	57.56	13635	5001	5.3	4.28
74.0	45.00	58.52	13803	5030	5.2	4.33
74.5	45.00	59.49	13973	5058	5.2	4.39
75.0	45.00	60.48	14144	5087	5.2	4.44
75.5	45.00	61.48	14316	5115	5.2	4.50
76.0	45.00	62.49	14490	5144	5.2	4.55
76.5	45.00	63.52	14664	5172	5.1	4.61
77.0	45.00	64.56	14839	5200	5.1	4.66
77.5	45.00	65.61	15016	5228	5.1	4.72
78.0	45.00	66.68	15194	5256	5.1	4.78
78.5	45.00	67.76	15372	5284	5.0	4.84
79.0	45.00	68.86	15552	5312	5.0	4.90
79.5	45.00	69.96	15733	5339	5.0	4.95
80.0	45.00	71.09	15914	5367	5.0	5.01
80.5	45.00	72.23	16097	5394	5.0	5.07
81.0	45.00	73.38	16281	5422	4.9	5.13
81.5	45.00	74.55	16466	5449	4.9	5.19
82.0	45.00	75.73	16651	5476	4.9	5.26

82.5	45.00	76.92	16838	5502	4.9	5.32
83.0	45.00	78.14	17026	5529	4.8	5.38
83.5	45.00	79.37	17214	5556	4.8	5.44
84.0	45.00	80.61	17403	5582	4.8	5.50
84.5	45.00	81.87	17593	5608	4.8	5.57
85.0	45.00	83.14	17784	5635	4.8	5.63
85.5	45.00	84.43	17976	5661	4.7	5.69
86.0	45.00	85.74	18169	5686	4.7	5.76
86.5	45.00	87.06	18362	5712	4.7	5.82
87.0	45.00	88.39	18556	5738	4.7	5.89
87.5	45.00	89.74	18751	5764	4.6	5.95
88.0	45.00	91.11	18947	5789	4.6	6.02
88.5	45.00	92.49	19143	5815	4.6	6.08
89.0	45.00	93.89	19340	5840	4.6	6.15
89.5	45.00	95.30	19538	5866	4.6	6.21
90.0	45.00	96.73	19736	5891	4.5	6.28
90.5	45.00	98.17	19935	5916	4.5	6.35
91.0	45.00	99.62	20134	5942	4.5	6.41
91.5	45.00	101.09	20334	5967	4.5	6.48
92.0	45.00	102.57	20535	5993	4.4	6.55
92.5	45.00	104.07	20736	6019	4.4	6.62
93.0	45.00	105.58	20938	6045	4.4	6.68
93.5	45.00	107.10	21139	6071	4.4	6.75
94.0	45.00	108.63	21342	6097	4.4	6.82
94.5	45.00	110.17	21545	6124	4.3	6.89
95.0	45.00	111.72	21748	6151	4.3	6.96
95.5	45.00	113.29	21951	6178	4.3	7.02
96.0	45.00	114.86	22155	6205	4.3	7.09
96.5	45.00	116.44	22359	6234	4.3	7.16
97.0	45.00	118.02	22564	6262	4.2	7.23
97.5	45.00	119.62	22769	6291	4.2	7.30
98.0	45.00	121.22	22973	6321	4.2	7.36
98.5	45.00	122.82	23178	6352	4.2	7.43
99.0	45.00	124.42	23384	6383	4.2	7.50
99.5	45.00	126.03	23589	6415	4.2	7.57



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