



MATERIAL: AL ALLOY	DWG NO. RD 5008 MOTOR	A4
WEIGHT: 135 gm (Incl Wire)	SCALE: 1:2	ALL DIM. ARE IN MM

Motor		RD 5008 Orange Motor 370KV			Propeller		17 inch (1760)	
ESC		RD D Pro Series			Power Source		6S LiPo	
Throttle %	Servo (1000-2000)	Voltage	Power(W)	Current(A)	RPM	Thrust(g)	Efficiency(g/W)	
8%	1080	25.16 V	5.8	.23 A	830	53 gm	9.16	
19%	1194	25.07 V	20.8	.83 A	1724	272 gm	13.07	
29%	1293	24.97 V	43.4	1.74 A	2374	529 gm	12.18	
37%	1365	24.81 V	71.2	2.87 A	2876	790 gm	11.09	
45%	1450	24.6 V	115.6	4.7 A	3420	1126 gm	9.74	
51%	1511	24.35 V	157.5	6.47 A	3815	1416 gm	8.99	
58%	1580	24.1 V	209.7	8.7 A	4199	1729 gm	8.25	
63%	1632	23.84 V	248.4	10.42 A	4448	1928 gm	7.76	
70%	1695	23.52 V	299.2	12.72 A	4715	2190 gm	7.32	
74%	1742	23.27 V	347.0	14.91 A	4930	2377 gm	6.85	
82%	1820	22.87 V	397.3	17.37 A	5195	2620 gm	6.60	
92%	1918	22.22 V	473.1	21.29 A	5530	2952 gm	6.24	
97%	1973	21.83 V	513.9	23.54 A	5644	3123 gm	6.08	
100%	2000	21.58 V	588.3	27.26 A	5890	3458 gm	5.88	

Motor		RD 5008 Orange Motor 370KV			Propeller		18 inch (18*6.1)	
ESC		RD D Pro Series			Power Source		6S LiPo	
Throttle %	Servo (1000-2000)	Voltage	Power(W)	Current(A)	RPM	Thrust(g)	Efficiency(g/W)	
8	1080	25.2 V	7.9	0.31	949	101 gm	12.78	
19	1193	25.18 V	25.6	1.01	1807	370 gm	14.45	
28	1283	25.12 V	47.2	1.88	2297	621 gm	13.16	
37	1369	25.05 V	79.4	3.16	2784	955 gm	12.03	
46	1455	24.97 V	126.5	5.06	3292	1366 gm	10.80	
51	1510	24.88 V	167.5	6.76	3652	1673 gm	9.99	
58	1580	24.74 V	222.1	8.97	4026	2093 gm	9.42	
63	1630	24.62 V	267.0	10.84	4282	2344 gm	8.78	
70	1696	24.38 V	327.2	13.38	4576	2716 gm	8.30	
75	1745	24.32 V	379.6	15.61	4784	3011 gm	7.93	
82	1820	24.18 V	460.5	19.04	5080	3401 gm	7.39	
92	1915	23.92 V	582.8	24.36	5431	3863 gm	6.63	
98	1976	23.72 V	640.8	27.00	5621	4134 gm	6.45	
100	2028	23.57 V	685.3	29.10	5750	4370 gm	6.38	