



LOAD PERFORMANCE PARAMETERS

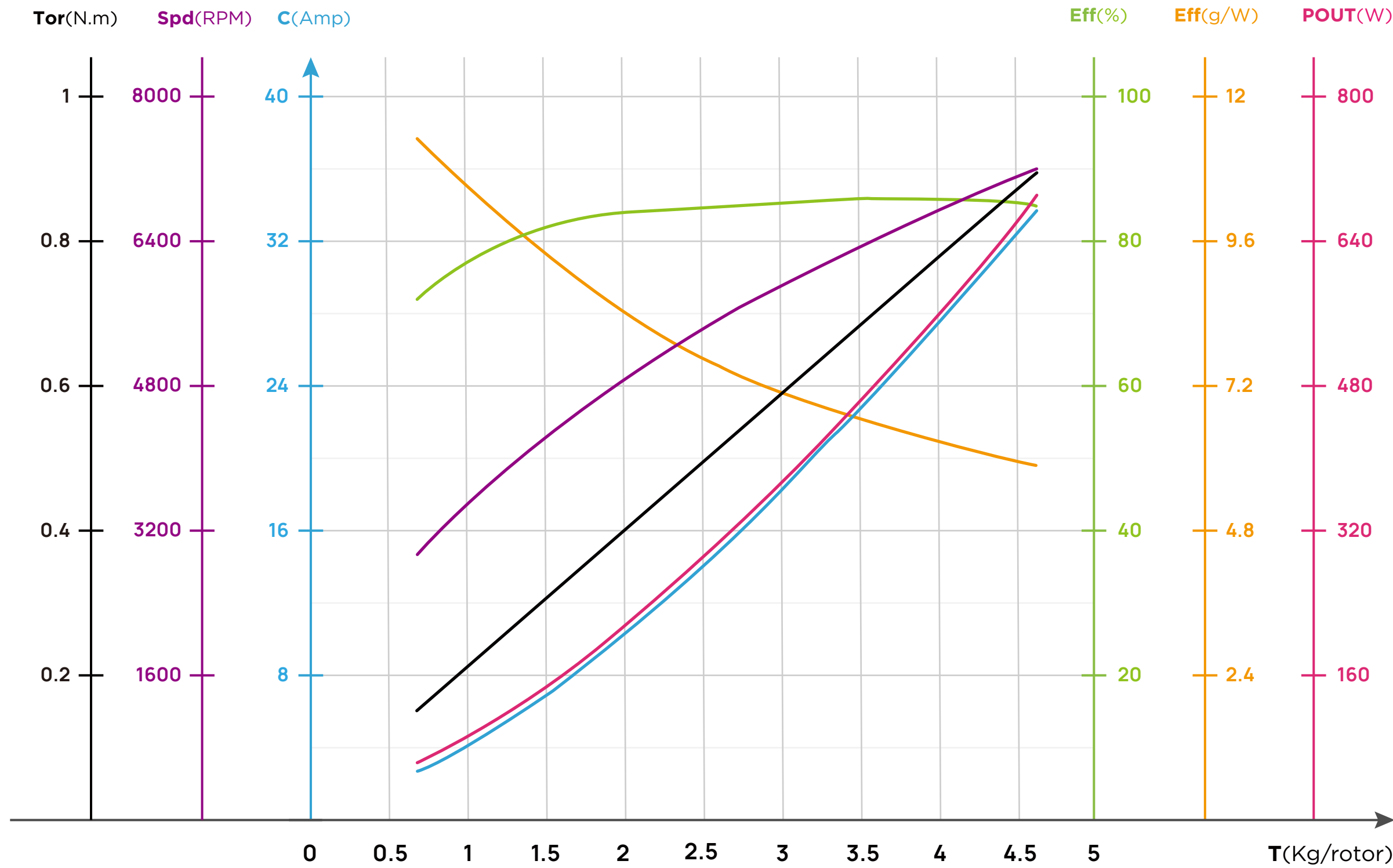
负载性能参数

以下数据为室温 25°C、海平面高度的环境下，变化油门输入调节拉力测得。电机温度为65%油门下电机运行10分钟温度。

Under the environment of sea level altitude, the data above is measured in room temperature of 25°C.

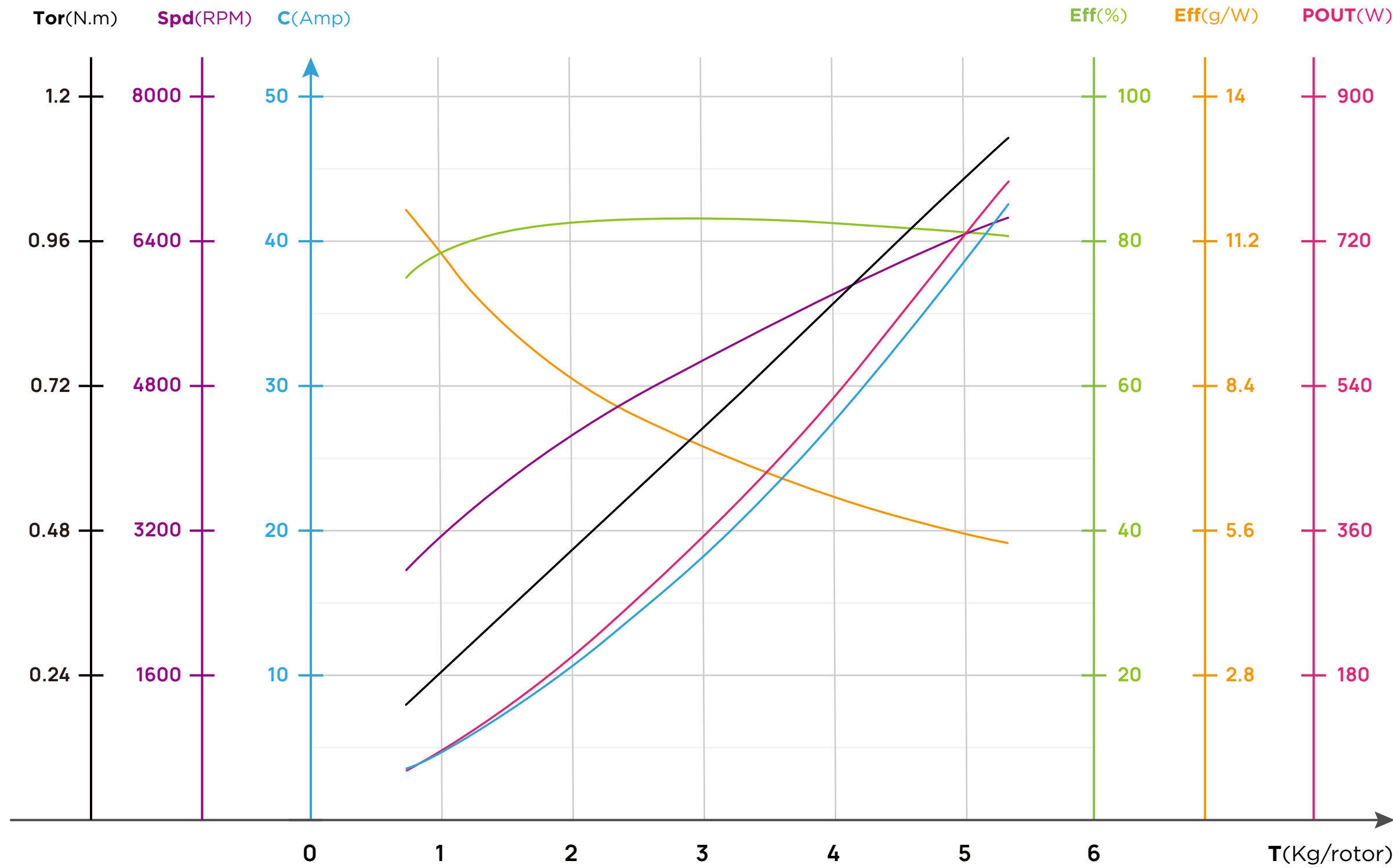
The throttle input is able to adjust the tension, and the motor temperature is the temperature of the rated throttle running for 10 minutes.

HM 5208 HP 380KV & MP 17*5.8''



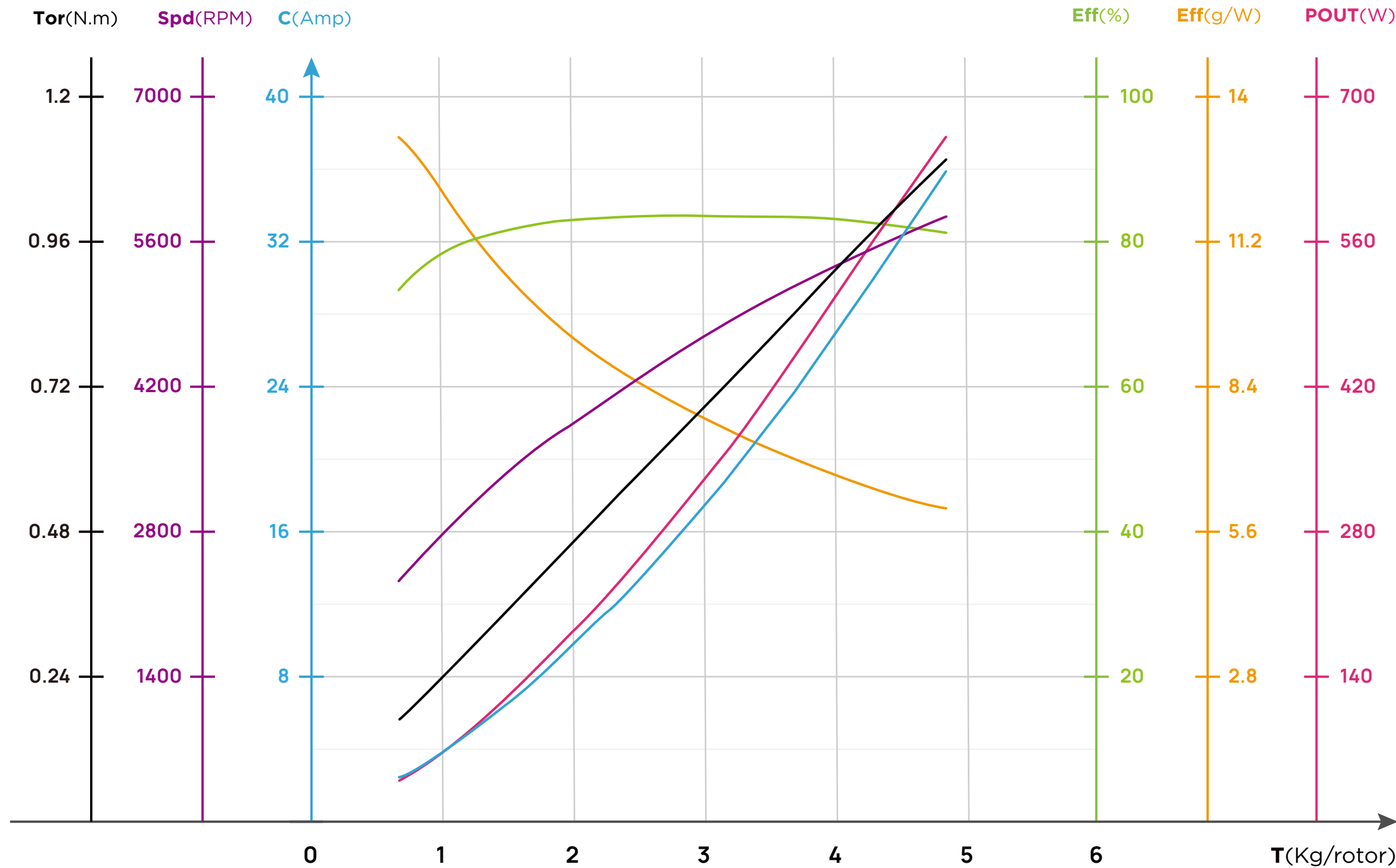
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
23V (6S LiPo)	MP 17*5.8''	32%	639	2.5	56.7	2839	11.3	0.14	53.0°C
		33%	658	2.5	58.6	2875	11.2	0.14	
		36%	781	3.1	71.6	3105	10.9	0.16	
		39%	919	3.8	87.1	3347	10.6	0.19	
		42%	1067	4.5	104.5	3587	10.2	0.22	
		45%	1220	5.4	123.8	3821	9.9	0.25	
		48%	1375	6.3	144.7	4046	9.5	0.28	
		51%	1533	7.2	167.2	4263	9.2	0.31	
		54%	1693	8.3	191.4	4472	8.8	0.34	
		57%	1856	9.4	217.6	4678	8.5	0.37	
		60%	2024	10.7	245.8	4881	8.2	0.40	
		63%	2199	12.0	276.6	5084	8.0	0.44	
		66%	2383	13.5	310.2	5290	7.7	0.47	
		69%	2576	15.0	347.0	5497	7.4	0.51	
		72%	2781	16.8	387.1	5707	7.2	0.55	
		75%	2996	18.7	430.5	5915	7.0	0.59	
		78%	3222	20.7	477.0	6120	6.8	0.63	
		81%	3454	22.8	526.1	6317	6.6	0.68	
84%	3688	25.0	577.1	6504	6.4	0.72			
87%	3918	27.3	628.7	6677	6.2	0.77			
90%	4134	29.5	679.5	679.5	6.1	0.81			
100%	4572	34.4	792.7	7176	5.8	0.89			

HM 5208 HP 380KV & MP 18*6.1"



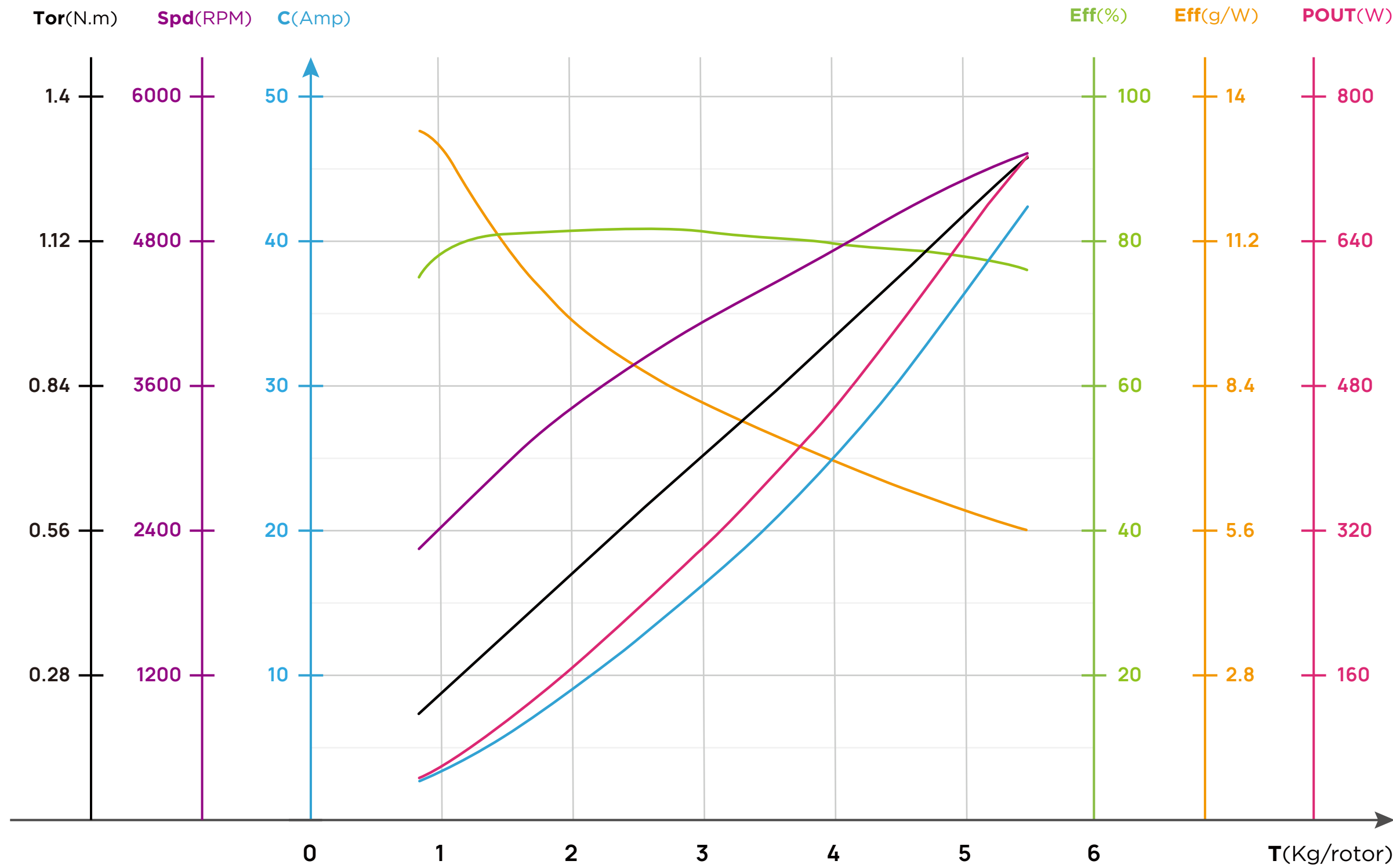
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
23V (6S LiPo)	MP 18*6.1"	32%	812	3.0	68.4	2722	11.9	0.18	68.0°C
		33%	838	3.1	71.1	2764	11.8	0.19	
		36%	997	3.8	88.7	3007	11.2	0.22	
		39%	1160	4.7	108.7	3238	10.7	0.26	
		42%	1327	5.7	130.9	3458	10.1	0.29	
		45%	1499	6.7	155.3	3668	9.7	0.33	
		48%	1675	7.9	181.8	3871	9.2	0.37	
		51%	1858	9.1	210.5	4067	8.8	0.41	
		54%	2048	10.5	241.5	4260	8.5	0.45	
		57%	2245	11.9	275.1	4449	8.2	0.49	
		60%	2450	13.5	311.5	4638	7.9	0.54	
		63%	2663	15.2	351.1	4825	7.6	0.58	
		66%	2884	17.1	394.2	5013	7.3	0.63	
		69%	3113	19.1	441.0	5201	7.1	0.68	
		72%	3348	21.3	491.8	5389	6.8	0.73	
		75%	3588	23.7	546.7	5577	6.6	0.78	
		78%	3830	26.2	605.3	5762	6.3	0.83	
		81%	4072	28.9	666.7	5942	6.1	0.89	
		84%	4308	31.7	729.7	6112	5.9	0.94	
		87%	4535	34.4	792.2	6270	5.7	0.99	
90%	4746	37.0	851.6	6411	5.6	1.04			
100%	5225	42.8	986.0	6700	5.3	1.14			

HM 5208 HP 320KV & MP20*6.0"



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
23V (6S LiPo)	MP20*6.0"	32%	724	2.4	55.5	2287	13.0	0.17	60.0°C
		33%	765	2.6	59.1	2349	12.9	0.18	
		36%	907	3.1	72.5	2553	12.5	0.20	
		39%	1070	3.9	89.7	2766	11.9	0.24	
		42%	1243	4.8	109.9	2976	11.3	0.28	
		45%	1422	5.7	132.4	3176	10.7	0.32	
		48%	1602	6.8	156.6	3365	10.2	0.36	
		51%	1782	7.9	182.2	3542	9.8	0.40	
		54%	1961	9.1	208.9	3710	9.4	0.44	
		57%	2140	10.3	236.8	3871	9.0	0.48	
		60%	2321	11.6	266.2	4028	8.7	0.52	
		63%	2505	12.9	297.5	4183	8.4	0.56	
		66%	2696	14.4	331.1	4338	8.1	0.60	
		69%	2894	16.0	367.7	4495	7.9	0.64	
		72%	3101	17.7	407.7	4654	7.6	0.69	
		75%	3318	19.6	451.6	4814	7.3	0.74	
		78%	3543	21.7	499.3	4974	7.1	0.79	
		81%	3775	23.9	550.7	5131	6.9	0.84	
		84%	4008	26.3	604.5	5280	6.6	0.90	
		87%	4236	28.6	658.8	5417	6.4	0.95	
90%	4450	30.9	710.8	5537	6.3	0.99			
100%	4869	35.3	813.3	5754	6.0	1.08			

HM 5208 HP 320KV & MP21*6.3"



Voltage(V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 力效	Torque(N·m) 扭矩	Temperature(°C) 电机机壳温度
23V (6S LiPo)	MP21*6.3"	32%	864	2.8	65.4	2232	13.2	0.21	82.0°C
		33%	923	3.0	70.2	2299	13.1	0.22	
		36%	1103	3.8	87.5	2500	12.6	0.26	
		39%	1287	4.7	108.4	2700	11.9	0.30	
		42%	1475	5.7	132.3	2895	11.1	0.35	
		45%	1666	6.9	158.8	3083	10.5	0.40	
		48%	1861	8.1	187.4	3263	9.9	0.44	
		51%	2061	9.5	217.8	3434	9.5	0.49	
		54%	2265	10.9	250.1	3597	9.1	0.54	
		57%	2473	12.3	284.3	3752	8.7	0.58	
		60%	2688	13.9	320.5	3901	8.4	0.63	
		63%	2907	15.6	359.1	4045	8.1	0.68	
		66%	3133	17.4	400.5	4186	7.8	0.73	
		69%	3363	19.3	445.0	4325	7.6	0.79	
		72%	3598	21.4	493.1	4466	7.3	0.84	
		75%	3835	23.7	544.9	4609	7.0	0.89	
		78%	4073	26.1	600.2	4753	6.8	0.95	
		81%	4308	28.6	658.6	4897	6.5	1.01	
		84%	4537	31.2	718.7	5037	6.3	1.06	
		87%	4756	33.8	778.7	5166	6.1	1.12	
90%	4957	36.3	836.0	5278	5.9	1.17			
100%	5399	41.9	964.6	5471	5.6	1.27			