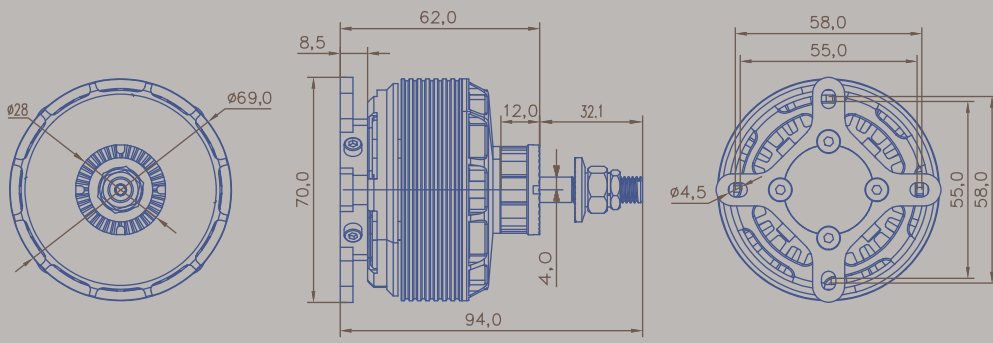


GA2000



Specification

2nd Generation GA Series	GA2000.4
Item NO. (商品编码)	51549
RPM/V (KV值)	400 RPM/V
Weight w/o accessories (不含配件重量)	350g
Outer Diameter (直径)	69mm
Length w/ mounts (长度(带桨座))	62mm
Length(overall) (长度)	94mm
Diameter of Shaft (轴径)	8mm(internal), 8mm(output)
Mounting holes pitch (安装孔距)	55mm to 58mm
Slots,Poles (槽数, 极数)	24, 28
Idle Current(Io) @10V (空载电流)	2.1A
Resistance(Ri) (电阻)	17.8mOhm
Nominal Voltage(V) (额定电压)	22.2V, 6S Lipo
Peak power[15s] (峰值功率)	2200W
Bursts current[15s] (最大电流)	100A
Cruising power[8 mins] (巡航功率)	1200W
Recommended ESC (调速器)	Ultra 100 amps
Propeller (螺旋桨配置)	17x8 (5.9KG, 60A) 18x8 (6.5KG, 80A) 18x10 (6.5KG, 85A) 19x10 (7.8KG, 90A)
Weight of sports airplane (运动飞机的重量)	Up to 6.0kg
Weight of 3D airplane (3D飞机的重量)	Up to 3.7kg
Applications (应用)	For 90E to 110E class 3D airplane(upto 70" wingspan)

GA2000.4 (400KV)

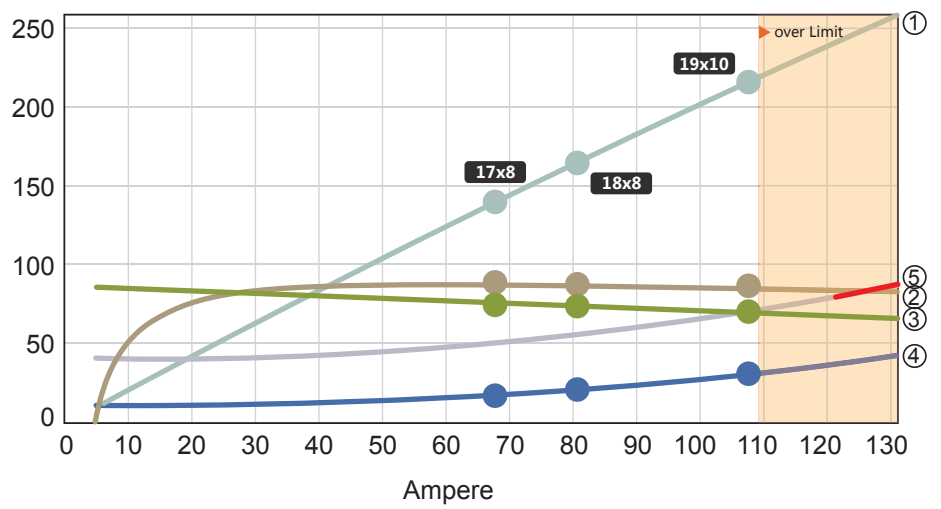
Motor @ Optimum Efficiency

最佳效率

Current(电流):	66.55A
Voltage(电压):	20.93V
Revolutions(转速):	7592rpm
Electric Power(输入功率):	1392.8W
Mech. Power(输出功率):	1222.9W
Efficiency(效率):	87.8%

- ① el. Power [in 10W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power [W]
- ⑤ Motor Case Temp. [°C]
- Motor Case Temp. overlimit [°C]

Motor Characteristic at Full Throttle



Voltage (V)	Propeller	Propeller (RPM)	Throttle (%)	Current (DC) (A)	Volage (DC) (V)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
22.2V (6S LIPO)	17x8	2000	24	1.5	22.2	32.5	71.2	423	13
		2500	30	2.6	22.2	58	77.9	661	11.4
		3000	36	4.3	22.1	95.2	82	952	10
		3500	42	6.7	22.1	146.7	84.5	1296	8.8
		4000	49	9.8	22	215	86.1	1692	7.9
		4500	55	13.8	22	302.6	87.1	2142	7.1
		5000	62	18.9	21.9	412.1	87.7	2644	6.4
		5500	69	25.2	21.8	546.1	88.1	3199	5.9
		6000	76	32.9	21.6	707.4	88.3	3807	5.4
		6500	83	42.1	21.5	898.7	88.4	4468	5
		7000	91	53	21.3	1122.6	88.4	5182	4.6
		7500	99	66	21.1	1381.9	88.3	5949	4.3
	7565	100	68.3	21.1	1426.7	87.8	6052	4.2	
	18x8	2000	24	1.8	22.2	38.8	75	502	13
		2500	30	3.2	22.1	70.3	80.8	785	11.2
		3000	36	5.3	22.1	116.7	84.1	1130	9.7
		3500	43	8.2	22.1	181	86.1	1538	8.5
		4000	49	12.2	22	266.6	87.3	2009	7.5
		4500	56	17.3	21.9	376.7	87.9	2542	6.7
		5000	63	23.8	21.8	514.7	88.3	3138	6.1
		5500	70	31.8	21.7	683.9	88.4	3798	5.6
		6000	78	41.6	21.5	887.8	88.5	4519	5.1
		6500	85	53.5	21.3	1129.9	88.4	5304	4.7
		7000	93	67.7	21.1	1413.9	88.2	6151	4.4
		7374	100	80.7	20.8	1668	87.6	6826	4.1
	19x10	1500	18	1.2	22.2	26.1	72.8	415	15.9
		2000	24	2.5	22.2	55.9	80.7	738	13.2
		2500	31	4.7	22.1	104.2	84.6	1153	11.1
		3000	37	8	22.1	175.9	86.6	1661	9.4
		3500	44	12.6	22	276.2	87.6	2261	8.2
		4000	51	18.9	21.9	410.4	88	2953	7.2
		4500	58	27.1	21.7	583.9	88	3737	6.4
		5000	66	37.5	21.6	802.3	87.9	4614	5.8
		5500	74	50.7	21.3	1071.2	87.6	5583	5.2
		6000	82	67	21.1	1396.6	87.3	6644	4.8
		6500	91	87.1	20.7	1784.5	86.8	7798	4.4
6935		100	109.3	20.4	2198.6	85.8	8876	4	