

FPV系列/FPV series

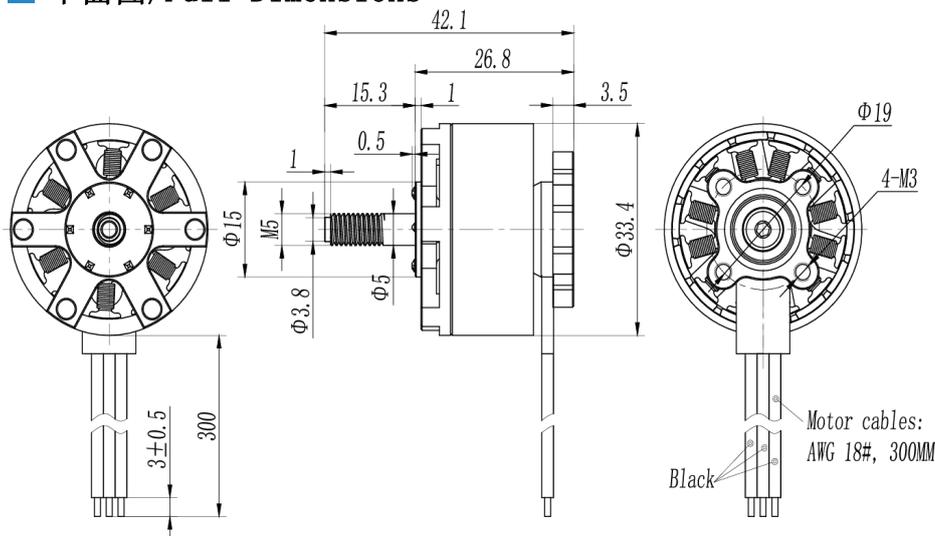
电机型号/Motor model: JGZ2812KN-900KV



电机基本参数/Specifications

工作额定电压 (LiPo) /Voltage (LiPo)	最大功率 (W) /Power (Max)	最大电流 (A) /Current (Max)	KV值/KV	空载电流 (10V) /No load current (10V)	外轴径/Outer shaft diameter	槽极数/Number of slot poles
6S	1049	44.21	900	<2.5A	5mm	12N/14P
相间内阻/Interphase internal resistance	铁芯尺寸/core size	电机尺寸/Motor size	温度等级/temperature class	硅胶线/Silicone wire	电机重量 (含线) /Motor weight (including wire)	
60mΩ	Φ28mm×12mm	Φ33.4mm×42.1mm	H	18AWG/300mm	82±3	

平面图/Full Dimensions



定制项目/Customize

定制项目/Customize Needs	是否可定制 /Yes/No
引出线长度/Wires length	YES
引出线颜色/Wires color	YES
KV值/KV	YES
电机尺寸/Motor size	NO
定子安装孔/Stator mounting hole	NO
转子颜色/Rotor color	YES
定子颜色/Stator color	YES
机壳颜色/Shell color	YES

产品测试数据/Product testing data

序号/No.	测试电调/Test electrical adjustment	螺旋桨 /Propeller	油门 /Throttle	电压 (V) /Voltage	电流 (A) /Current	拉力 (g) /Thrust	转速 (rpm) /Speed	功率 (W) /Power	力效 (g/W) /Efficiency	温度 /Temperature
1	80A ESC	GEMFAN 8040	10%	24.04	0.3	36	2268	6.6	5.50	79
			20%	24.03	1.0	152	4409	24.5	6.20	
			30%	24.01	2.4	345	6425	58.2	5.93	
			40%	24.00	5.1	650	8569	121.9	5.34	
			50%	23.97	8.5	979	10281	203.4	4.81	
			60%	23.95	12.8	1309	11827	307.4	4.26	
			70%	23.91	18.2	1690	13340	436.2	3.87	
			80%	23.86	25.7	2151	14892	613.4	3.51	
			90%	23.80	34.4	2589	16313	819.6	3.16	
			100%	23.73	44.2	3019	17477	1049.2	2.88	

备注: 电机温度为100%油门下电机运行3~10秒的温度 (以上数据为我司测试平台测得, 数据仅供参考不能与非我司测试平台数据直接做横向对比) Note: The motor temperature is the temperature at which the motor runs for 3-10 seconds under 100% throttle (the above data is measured by our testing platform, and for reference only, it cannot be directly compared horizontally with data from non our testing platform)