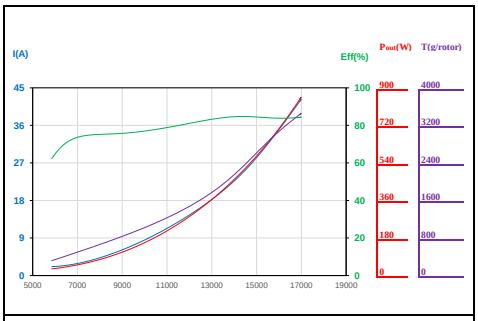
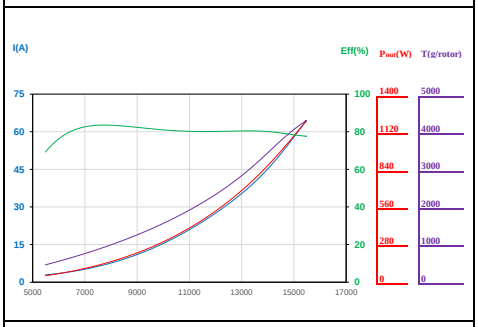
XRotor-3115 900KV Specification(规格)

Rated Voltage(LiPo) 工作额定电压(LiPo)	4-6S	KV KV值	900KV
No-Load Current 空载电流	2.0A/24V	Resistance 相间内阻	41mΩ
Maximum Continuous Current 最大连续电流	81A/9s	Motor Weight 电机重量	125g
Maximum Continuous Rating 最大连续功率	1940W/9s	Pole/Slot 槽极数	12N14P
Maximum propeller pull 最大螺旋桨拉力	5177g	Motor Lead Type 线号	16AWG
Motor Size 电机尺寸	Φ37.2 *32mm	Motor Lead Length 出线长度	300mm
Shaft Diameter 出轴轴径	D5+M5	Enamelled Wire Insulation Class 漆包线绝缘等级	耐200℃高温 H级
Shaft Lenght 出轴长度	16mm	Recommended ESC 推荐电调	XRotor FPV-G2-65A-4in ECS
Screw Diameter / Thread 底座螺纹	Φ19mm-4*M3	Propeller 螺旋桨	6S:HQ9x4x3;HQ9x5x3;HQ10x4.5x3;HQ10x5x3

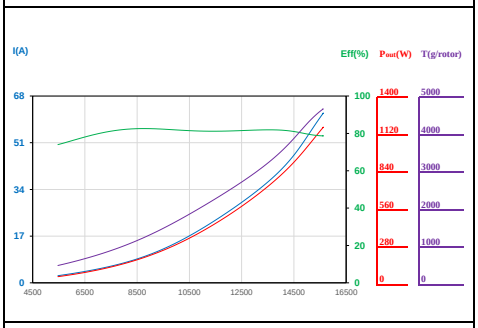
Load Performance
负载性能参数



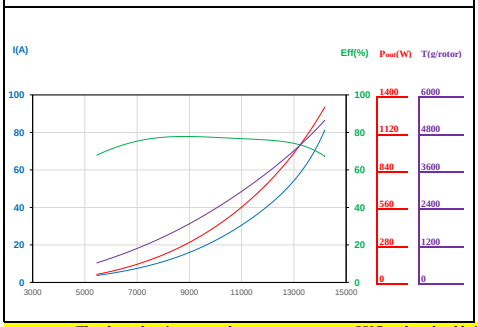
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle (%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Recommended full load continuous running time 推荐满载满油门连续运行时间
24V (6S LIPO)	HQ9*4x3 Propeller	40%	560	3.3	80	7382	6.97	2min7s
		50%	937	7.4	178	9556	5.25	
		60%	1274	11.9	286	11190	4.46	
		70%	1690	17.2	414	12749	4.08	
		80%	2327	24.7	594	14398	3.92	
		90%	3099	35.5	852	16069	3.64	
		100%	3432	41.8	1003	16934	3.42	



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) 效率	Recommended full load continuous running time 推荐满载满油门连续运行时间
24V (6S LIPO)	HQ9x5x3 Propeller	40%	784	5.4	129	7106	6.06	30s
		50%	1263	11.1	267	9016	4.74	
		60%	1736	18.1	435	10509	3.99	
		70%	2300	27.0	649	11932	3.54	
		80%	3062	39.0	935	13400	3.27	
		90%	3910	54.3	1304	14738	3.00	
		100%	4279	64.0	1535	15438	2.79	



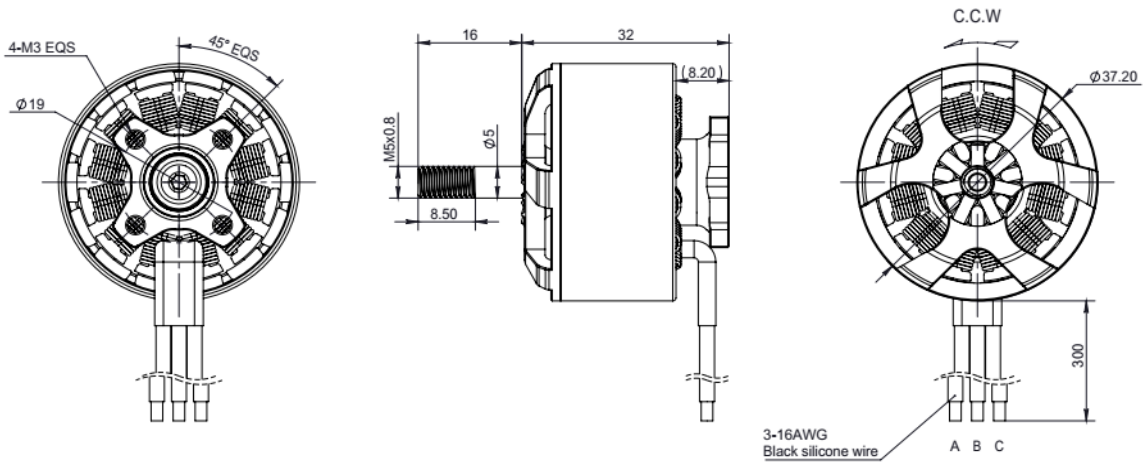
Voltage(V) 工作电压	Propeller 螺旋桨	Throttle (%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Recommended full load continuous running time 推荐满载满油门连续运行时间
24V (6S LIPO)	HQ10x4.5x3 Propeller	40%	761	5.1	124	7052	6.16	29s
		50%	1336	10.9	262	9142	5.10	
		60%	1871	17.5	421	10582	4.44	
		70%	2451	25.7	617	11958	3.97	
		80%	3242	37.2	894	13565	3.63	
		90%	4181	51.7	1242	14900	3.37	
		100%	4648	61.6	1477	15606	3.15	

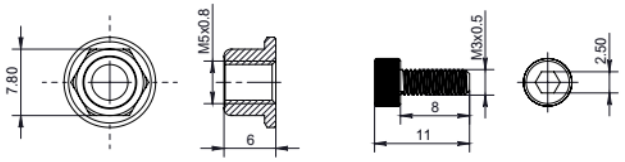


Voltage(V) 工作电压	Propeller 螺旋桨	Throttle (%) 油门	Thrust(g) 拉力	Current(A) 电流	Power(W) 输入功率	Speed(RPM) 转速	Efficiency(g/W) 效率	Temperature(℃) 电机机壳温度
24V (6S LIPO)	HQ10x5x3 Propeller	40%	1089	7.5	180	6999	6.04	9s
		50%	1728	14.2	341	8663	5.07	
		60%	2403	23.0	551	10072	4.36	
		70%	3152	34.4	825	11403	3.82	
		80%	4006	49.9	1197	12713	3.35	
		90%	4831	69.8	1674	13779	2.89	
		100%	5177	80.9	1940	14171	2.67	

The above data is measured at room temperature 25°C and sea level height. If the throttle input adjustment tensile force is measured, the full-load full throttle running time should be controlled, otherwise there is a risk of burning the motor.

(以上数据为室温 25°C、海平面高度的环境下,变化油门输入调节拉力测得，应控制满载全油门运行时间，否则有烧毁电机的危险。)


4-M3 EQS
45° EQS
Ø19
16
32
8.20
M5x0.8
Ø5
8.50
C.C.W
Ø37.20
300
3-16AWG
Black silicone wire
A B C


7.80
M5x0.8
6
M3x0.5
8
11
2.50

3115SL