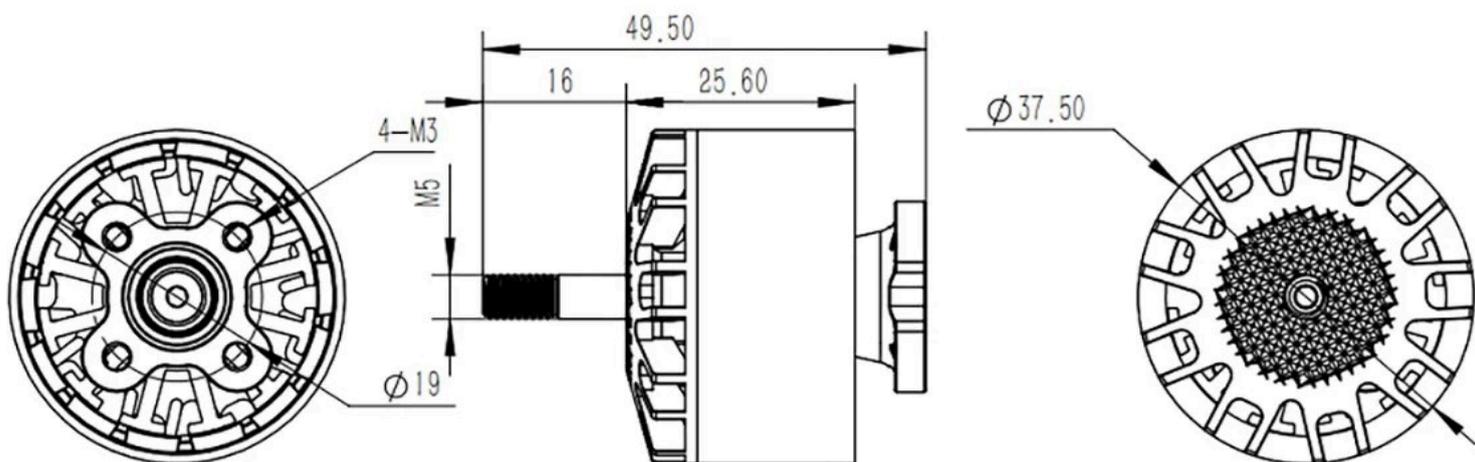


Tornado T5 3115 PRO-900kv-6S-HQ 9x5x3 Test Report

Tornado T5 3115 PRO Drawing



Tornado T5 3115 PRO Specification

KV	900KV	Configuration	12N14P
Stator Dimension (mm)	31.00	Motor Dimension (mm)	Φ37.5*49.5
AWG	16#, 300mm	Stator Height (mm)	15 (nippon 1500#)
Weight Including Cable (g)	125.00	Magnet	N52H
Internal Resistance(mΩ)	40.70	Idle Current@10V (A)	1.63A/10V
No. of Cells(Lipo) (S)	6S	ESC	6S 80A
Max power (W)	1638.42	Propeller	HQ 9x5x3 Glass Fiber Nylon
Max Current (A)	65.80	Insulation Resistance	≥ 0.5MΩ
Dynamic balance requirement standards	≤ 3mg	Coil Test	PASS

Tornado T5 3115 PRO Load Test Data

Item No.	Prop (inch)	Throttle (%)	Voltage (V)	Current (A)	RPM	Thrust (gf)	Input Power (W)	Thrust efficiency (GW)	Copper wire temperature (°C)
Tornado T5 3115 PRO	HQ 9x5x3	30	25.20	1.80	4586	264.00	45.36	5.82	The inside of motor copper wire: 78°C (Ambient temperature is 26°C)
		40	25.20	7.40	7749	831.00	186.48	4.46	
		50	25.10	13.00	9630	1300.00	326.30	3.98	
		60	25.00	24.10	11690	1996.00	602.50	3.31	
		70	25.00	40.80	13616	2843.00	1020.00	2.79	
		80	25.00	52.20	14567	3251.00	1305.00	2.49	
		90	24.90	61.50	15350	3645.00	1531.35	2.38	
		100	24.90	65.80	15508	3802.00	1638.42	2.32	

Remark The temperature is motor inside copper wire temperature running 2MIN at 100% throttle .The test base on 2022 BrotherHobby bench for reference only.