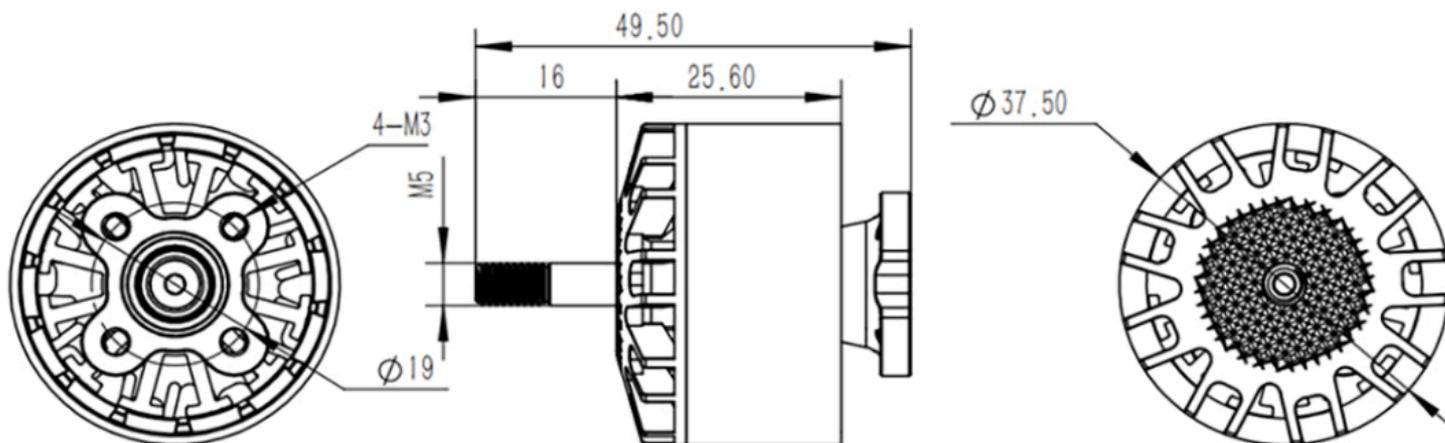


# BrotherHobby-Tornado T5 3115 Pro-1520KV-GF 8X4X3 Test Report

Tornado T5 3115 PRO Drawing



Tornado T5 3115 PRO Specification

<b>KV</b>	1520	<b>Configuration</b>	12N14P
<b>Stator Dimension (mm)</b>	31.00	<b>Motor Dimension (mm)</b>	Φ37.5X49.5
<b>AWG</b>	16#, 300mm	<b>Stator Height (mm)</b>	15
<b>Weight Including Cable (g)</b>	120.80	<b>Magnet</b>	N52H
<b>Internal Resistance(mΩ)</b>	25.20	<b>Idle Current@10V (A)</b>	3.99A/10V
<b>No. of Cells(Lipo) (S)</b>	4S	<b>ESC</b>	4S 65A
<b>Max power (W)</b>	1026.48	<b>Propeller</b>	GF 8*4*3 Glass Fiber Nylon
<b>Max Current (A)</b>	61.10	<b>Insulation Resistance</b>	≥0.5MΩ
<b>Dynamic balance requirement standards</b>	≤3mg	<b>Coil Test</b>	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 (G/W)	Copper wire temperature (°C)
Tornado T5 3115 Pro	GF8*4*3	30	16.80	8.60	8802	657.00	144.48	4.55	The inside of motor copper wire: 30.1°C  (Ambient temperature is 26 °C)
		40	16.80	13.60	10382	934.00	228.48	4.09	
		50	16.80	17.50	11572	1143.00	294.00	3.89	
		60	16.80	25.40	13215	1502.00	426.72	3.52	
		70	16.80	36.00	14942	1917.00	604.80	3.17	
		80	16.80	49.20	16406	2372.00	826.56	2.87	
		90	16.80	53.70	17052	2571.00	902.16	2.85	
		100	16.80	61.10	17757	2792.00	1026.48	2.72	

Знімок екрана

Remark

The inside of motor copper wire temperature running 2MIN at 100% throttle .The test base on 2023 BrotherHobby drawing for reference only.