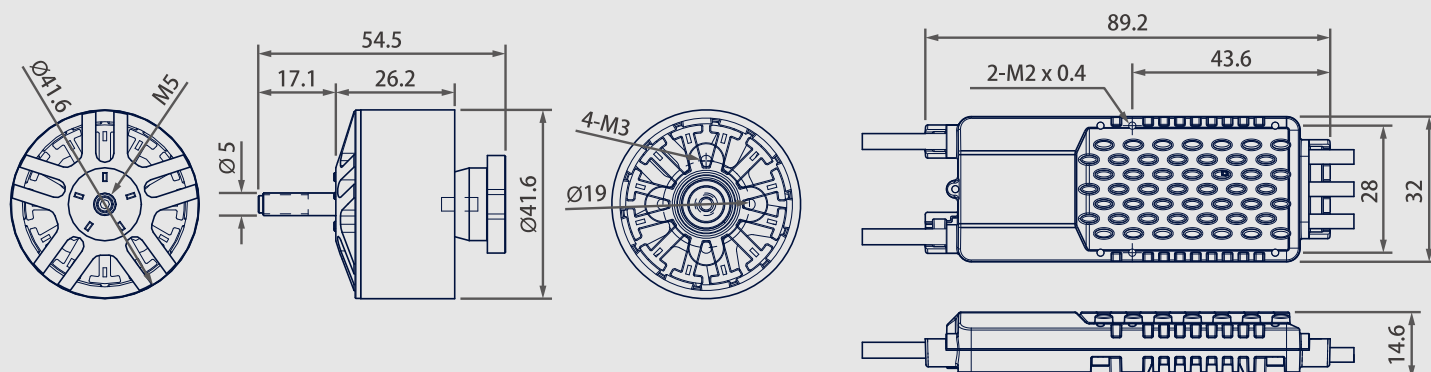


Technical Drawing



Specifications

Motor	3517	ESC	80A 8S
KV Rating (rpm/V)	760KV	Input Voltage	4-8 S
Max Thrust	4.8 kg	Continuous Current	60 A
Input Voltage	6 S	Peak Current	80 A (10 Seconds)
Max. Current	75 A	PWM Frequency	50~400 Hz
Max. Input Power	1850 W	PWM Pulse Width Range	1100—1940 μs
Configuration	12N14P	Operating Temperature Range	-20°C~80°C
Recommended Propeller	12 x 6 inch	Dimensions	89*32*14.6 mm
Dimensions	Ø41.6*54.5 mm	Weight (without wires)	90 g
Weight	148 g		
Winding/Magnet Grade	220°C/120°C		

3517 – 80A 8S Technical Parameters

Voltage (V)	Propeller	Throttle (%)	Thrust (kg)	Current (A)	Power (W)	Speed (RPM)	EFF (g/W)
24V	12*6"	10	0.10	0.60	14	1764	6.9
		20	0.28	1.83	44	3444	6.4
		30	0.57	3.85	92	4776	6.2
		40	0.99	7.04	168	6060	5.9
		50	1.63	11.82	280	7272	5.7
		60	2.26	18.79	443	8472	5.0
		70	2.62	27.10	634	9588	4.0
		80	3.35	36.76	853	10500	3.8
		90	3.99	47.69	1097	11244	3.5
		100	4.80	62.87	1427	11916	3.2

The above data is measured by changing the throttle input to adjust the tension under the environment of 20°C and sea level.