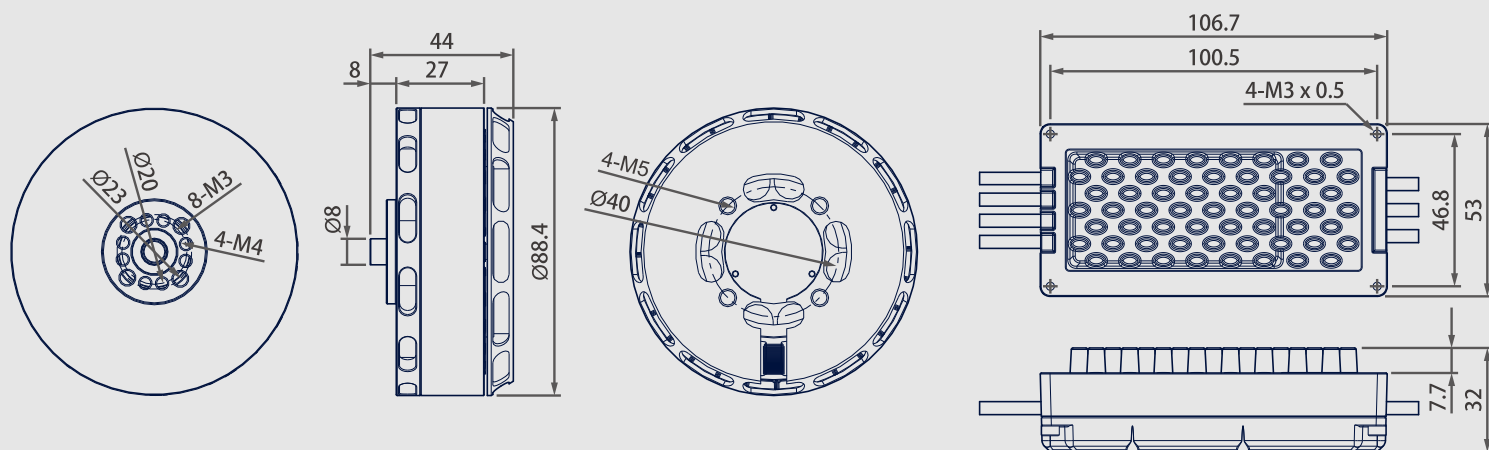


Technical Drawing



Specifications

Motor	V8017	ESC	V160A
KV Rating (rpm/V)	150KV	Input Voltage	10-14 S
Max Thrust	20 kg	Continuous Current	120 A
Input Voltage	12 S	Peak Current	160 A (10 Seconds)
Max. Current	95 A	PWM Frequency	50~400 Hz
Max. Input Power	5650 W	PWM Pulse Width Range	1100 - 2000 µs
Configuration	24N28P	Operating Temperature Range	-20 °C~80 °C
Recommended Propeller	27*8.8" / 28*9.2" / 29*9.5"	Dimensions	106.7*53*32 mm
Dimensions	88.4*44 mm	Weight (without wires)	210 g
Weight	570 g		
Winding/Magnet Grade	180°C/120°C		

V8017 – V160A Technical Parameters

Voltage (V)	Propeller	Throttle (%)	Thrust (kg)	Current (A)	Power (W)	Speed (RPM)	EFF (g/W)
54V	28*10"	30	1.81	2.94	158	1248	11.4
		40	4.62	9.22	496	2136	9.3
		50	7.33	18.50	992	2916	7.4
		60	10.76	32.59	1737	3528	6.2
		70	14.42	49.73	2636	4068	5.5
		80	17.11	68.75	3616	4536	4.7
		90	19.88	90.50	4715	4896	4.2
		100	20.14	93.79	4886	5040	4.1

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