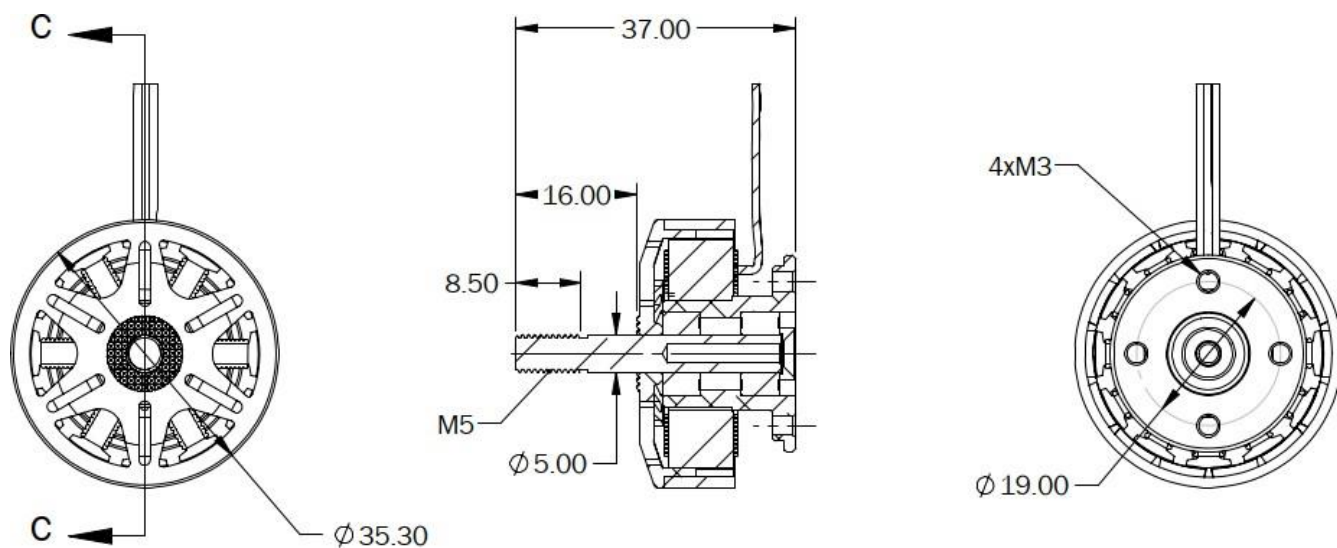


Type : RUM-3537 – BLDC motor

Product Drawing



Specifications

Item	Symbol	Tolerance	Unit	Value
Configuration	N/A	NOM.	N/A	12N14P
Motor Size	N/A	NOM.	mm	ψ35.3*37
Permissible Winding TEMP	N/A	MAX.	°C	150
KV Value	Kv	NOM.	RPM/VOLTS	1300
Peak Current	I _p	MAX.	AMPS	42.4A/Continuous 180S
Power	P _o	MAX.	WATTS	1009W/ Continuous 180S
Internal Resistance	R	MAX.	Ω	0.0515
Volts at peak torque	V _p	NOM.	VOLTS	24
Motor Weight	N/A	MAX.	G	78
ESC Recommendation	N/A	NOM.	N/A	6S 45A
Propeller Recommendation	N/A	NOM.	mm	7in
Cable Length	N/A	NOM.	N/A	250

Test Report

Current(A)	RPM - (Duty Cycle %)	Thrust(g)	Voltage(V)	EFF(G/W)
3.3	9015 – 55%	348	24	4.39
5.9	11220 – 65%	592	24	4.18
9.6	13456 – 75%	886	24	3.84
14.4	15476 – 85%	1214	24	3.51
21.7	17516 – 100%	1580	24	3.03