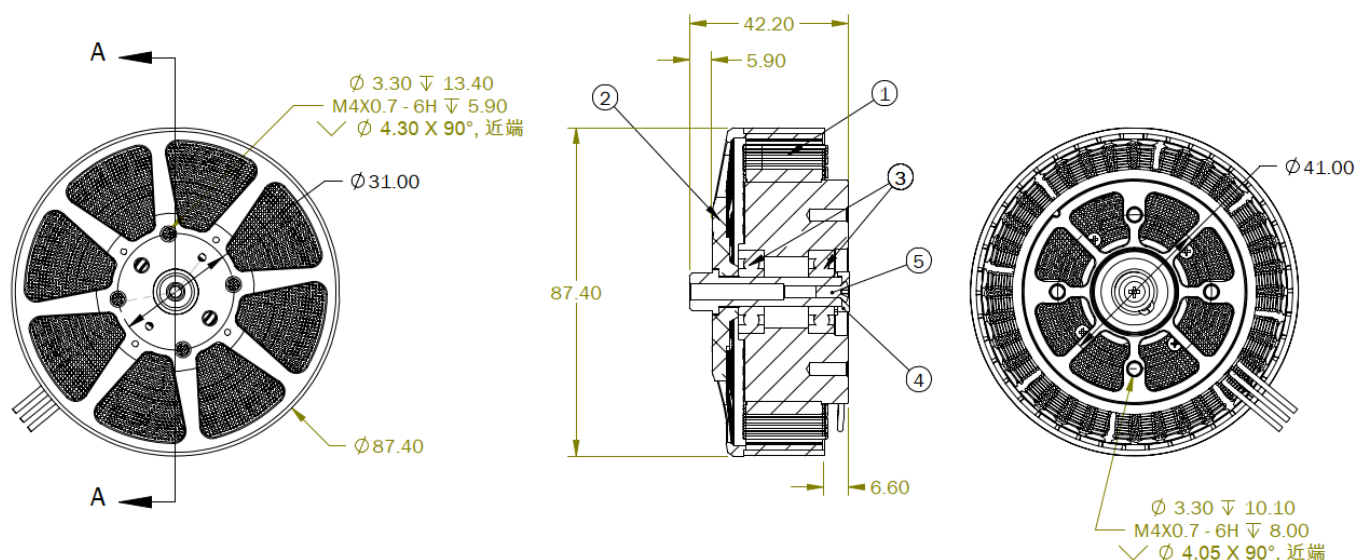


Type:RUM-8742

產品圖 Product Drawing



規格 Specifications

無刷馬達之參數	符號	公差	單位	值
Configuration	N/A	NOM.	N/A	36N42P
Motor Size	N/A	NOM.	mm	$\phi 87.4 \times 42.2$
Permissible Winding TEMP	N/A	MAX.	$^\circ\text{C}$	170
KV Value	Kv	NOM.	RPM/VOLTS	120
Peak Current	I _p	MAX.	AMPS	70A/Continuous 180S
Power	P _o	MAX.	WATTS	3300W/ Continuous 180S
Internal Resistance	R	MAX.	Ω	0.036
Volts at peak torque	V _p	NOM.	VOLTS	48
Motor Weight	N/A	MAX.	G	580
ESC Recommendation	N/A	NOM.	N/A	RUMC-80A12S
Propeller Recommendation	N/A	NOM.	mm	Yanoki 30"x 10
Cable Length	N/A	NOM.	N/A	100

測試報告 Test Report

Current(A)	RPM (Duty Cycle)	Thrust(g)	Torque(Nm)	Voltage(V)	EFF(G/W)
3.46	1562 – 40%	1880	0.645	47.25	11.5
8.38	2185 – 50%	3740	1.28	47.1	9.47
14.92	2677 – 60%	5700	1.93	46.95	8.13
27.38	3264 – 70%	8600	2.93	46.69	6.72
39.9	3678 – 80%	11200	3.72	46.46	6.04
46.8	3850 – 90%	12260	4.13	46.4	5.64
56.8	4045 – 100%	13790	4.65	46.12	5.26