



Touch The Future

Basic data



motors applied for agricultural drones

TTF8610	
configuration	36N42P
Motor resistance	95mΩ
Shaft diameter	10mm
Stator diameter	86mm
Motor dimensions	Φ 86.3*29.8mm
No-load current(A/22.2V)	0.3A
Motor KV	105KV
Max continuous current	27A
Max continuous power	1215W
Max lipo cell	6-12S
ESC	100A
Recommended Prop	28/29 Prop
weight	278g

Load testing data

model	Volts(v)	prop	Amps(A)	Thrust(gf)	Watts(W)	RPM	Efficiency(G/W)	Load temperature in 100%throttle
TTF8610-105KV	45V/12S	28prop	10	4000	450	2540	8.89	45°C
			15	5200	675	3100	7.71	
			20	6000	900	3450	6.67	
			27	6700	1215	3780	5.51	
		29prop	10	4400	450	2500	9.77	50°C
			15	5900	675	3260	8.74	
			20	6700	900	3400	7.44	
			26	7700	1170	3700	6.58	
	22V/6S	28prop	5	1750	110	1074	15.91	40°C
			10	2800	222	1342	12.61	
			15	3650	330	1678	11.06	
			17	4000	377	1864	10.61	



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