

HobbyWing2205-1800KV

Specifications	2205-1800KV					
Stator Diameter	22mm					
Stator Thickness	5mm					
No. of Stator Arms	12					
No. of Stator Poles	14					
Motor KV	1800					
No-Load Current (A/10V)	0.7A					
Motor Resistance	0.102 Ω					
Max Continuous Power	625W					
Max Continuous Current	25A/15s					
Weight	28.4g					
Outside Diameter	28.1mm					
Shaft Diameter	5mm					
Body Length	17.1mm					
Overall Shaft Length	31.1mm					
Recommend Lipo Cell	6S					
Recommend Prop(inch)	5040 Three-bladed Propeller(s)					
ESC	X-Rotor Micro BLHeli/35A 3-6S					
Prop	Volts	Amps	Thrust	Throttle	Watts	Efficiency
(inch)	(V)	(A)	(g)	(%)	(W)	(g/W)
5*4	16.8	1.41	100	31%	24	4.2
		3.45	200	54%	58	3.4
		5.72	300	68%	96	3.1
		8.15	400	78%	136	2.9
		10.72	500	86%	178	2.8
		16.23	672	100%	268	2.5
6*4	16.8	2.51	200	41%	42	4.7
		6.60	400	63%	110	3.6
		11.25	600	79%	186	3.2
		17.40	800	93%	285	2.8
		21.36	953	100%	348	2.7
5*4	25	2.30	200	3%	57	3.5
		5.88	400	52%	146	2.7
		10.35	600	68%	256	2.3
		15.40	800	78%	379	2.1
		22.49	1000	92%	551	1.8
		28.76	1213	100%	701	1.7
6*4	25	1.67	201	23%	42	4.8
		4.43	400	40%	110	3.6
		8.06	600	53%	199	3.0
		12.53	800	66%	309	2.6
		18.31	1000	78%	449	2.2
		23.87	1200	88%	583	2.1
		34.10	1496	100%	828	1.8

