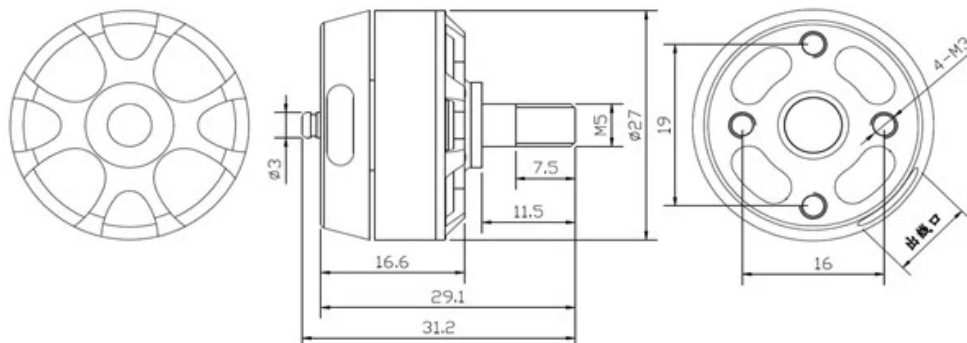




Datasheet

SUNNYSKY X2206S CCW CW RC Model Multirotor Brushless Motor

Specifications	X2206S
Stator Diameter	22mm
Stator Thickness	6mm
No. of Stator Arms	12
No. of Stator Poles	14
Motor Kv	2100
NO-Load Current(A/10V)	0.8A
Motor Resistance	67mΩ
Max Continuous Current	25A/15S
Max Continuous Power	370W
Weight	31g
Outside Diameter	27mm
Shaft Diameter	3mm
Body Length	16.6mm
Overall Shaft Length	31.2mm
Max Lipo Cell	2-4S
ESC	30A



Recommend Prop(inch)			5030	5040	5045
Prop	Volts	Amps	Thrust(g)	Watts (W)	Efficiency
(inch)	(V)	(A)			(g/W)
HQ5*3	11.1	1.8	100	19.98	5.005005005
		2.8	150	31.08	4.826254826
		3.8	200	42.18	4.741583689
		4.8	250	53.28	4.692192192
		6.3	310	69.93	4.433004433
HQ5*3	14.8	1.4	100	20.72	4.826254826
		2.2	150	32.56	4.606879607
		3	200	44.4	4.504504505
		3.9	250	57.72	4.331254331
		4.8	300	71.04	4.222972973
		5.8	350	85.84	4.077353215
		6.9	400	102.12	3.916960439
		7.8	450	115.44	3.898128898
		9	500	133.2	3.753753754
HQ5*4	11.1	1.8	100	19.98	5.005005005
		2.9	150	32.19	4.659832246
		4	200	44.4	4.504504505
		5.2	250	57.72	4.331254331
		6.3	300	69.93	4.29000429
		7.6	350	84.36	4.148885728
		8.9	400	98.79	4.048992813
		10.1	440	112.11	3.924716796
HQ5*4	14.8	1.4	100	20.72	4.826254826
		2.3	150	34.04	4.406580494
		3.1	200	45.88	4.359197908
		4.3	250	63.64	3.928346952
		5.2	300	76.96	3.898128898
		6.2	350	91.76	3.814298169
		7.4	400	109.52	3.65230095
		8.6	450	127.28	3.535512256
		9.8	500	145.04	3.447324876
		10.9	550	161.32	3.409372675
		12.2	600	180.56	3.322995126
		13.6	650	201.28	3.229332273
		15.1	710	223.48	3.177018078

HQ5*4	11.1	1.8	100	19.98	5.005005005
		2.9	150	32.19	4.659832246
		4	200	44.4	4.504504505
		5.2	250	57.72	4.331254331
		6.3	300	69.93	4.29000429
		7.6	350	84.36	4.148885728
		8.9	400	98.79	4.048992813
		10.1	440	112.11	3.924716796
HQ5*4	14.8	1.4	100	20.72	4.826254826
		2.3	150	34.04	4.406580494
		3.1	200	45.88	4.359197908
		4.3	250	63.64	3.928346952
		5.2	300	76.96	3.898128898
		6.2	350	91.76	3.814298169
		7.4	400	109.52	3.65230095
		8.6	450	127.28	3.535512256
		9.8	500	145.04	3.447324876
		10.9	550	161.32	3.409372675
		12.2	600	180.56	3.322995126
		13.6	650	201.28	3.229332273
		15.1	710	223.48	3.177018078
HQ5*4.5	11.1	1.8	100	19.98	5.005005005
		2.8	150	31.08	4.826254826
		4.1	200	45.51	4.394638541
		5.3	250	58.83	4.249532551
		6.5	300	72.15	4.158004158
		7.7	350	85.47	4.095004095
		9.1	400	101.01	3.96000396
		10.4	450	115.44	3.898128898
HQ5*4.5	14.8	1.4	100	20.72	4.826254826
		2.2	150	32.56	4.606879607
		3	200	44.4	4.504504505
		4	250	59.2	4.222972973
		5	300	74	4.054054054
		6.1	350	90.28	3.876827647
		7.3	400	108.04	3.702332469
		8.4	450	124.32	3.61969112
		9.6	500	142.08	3.519144144
		11	550	162.8	3.378378378
		12.2	600	180.56	3.322995126
		13.6	650	201.28	3.229332273
		15.8	720	233.84	3.079028395

HQ6*4.5	11.1	1.6	100	17.76	5.630630631
		2.4	150	26.64	5.630630631
		3.3	200	36.63	5.46000546
		4.4	250	48.84	5.118755119
		5.3	300	58.83	5.099439062
		6.4	350	71.04	4.926801802
		7.6	400	84.36	4.741583689
		8.8	450	97.68	4.606879607
		10.1	500	112.11	4.45990545
		11.4	550	126.54	4.346451715
		13	600	144.3	4.158004158
		14.2	650	157.62	4.123842152
		15.8	700	175.38	3.991333105
		17.6	750	195.36	3.839066339