

EMAX

YINYAN MODEL TECH.LTD.



Newly designed high-end
brushless motors for multirotors
MT Series

EMAX

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MT3110



Lightweight design

Longer duration of flight

Low CG design

EMAX

MT3110

Using imported Silicon steel coils from Japan; High quality NMB bearing of Japan; Ndfeb with strong magnetic and high temperature resistance to decrease motor's temperature increasing efficient.



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Very convenient to use; two installation of propellers: one for plastic propellers and the other one is for carbon fiber propellers.

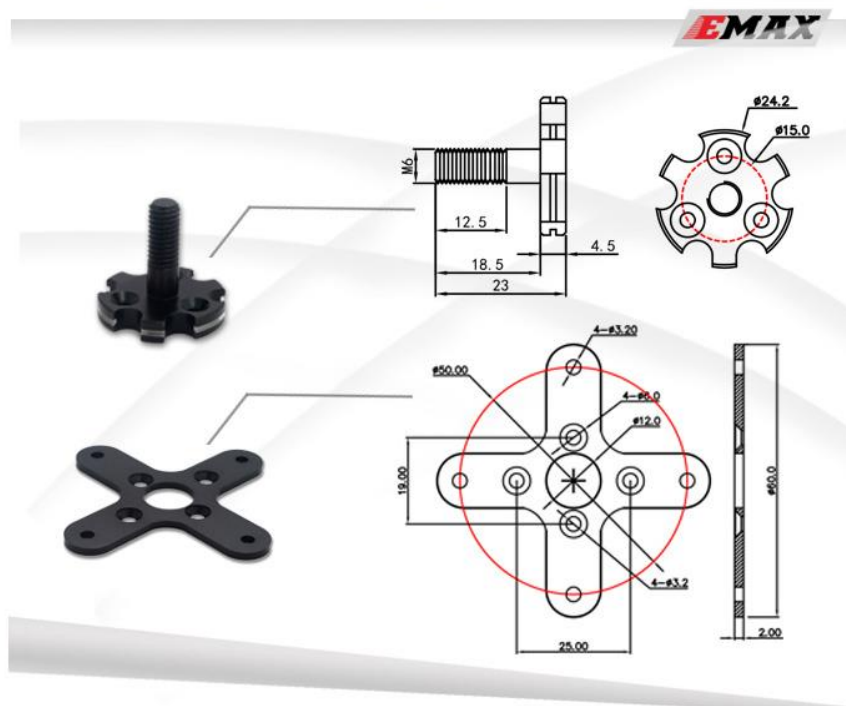


MT3110

Installation for general type propeller



Installation for **three-hole CF propeller**



Accessory pack for *CW thread motor*



Accessory pack for *CCW thread motor*



***MT3110* SPECIFICATIONS**

KV:700

MAX Thrust:1430G

NO.OF CELL:3-4S

Frammework:12N14P

Propeller:10"-12"

Length:32.1MM

Weight:78G

Shaft:4MM

Diameter:37.8MM

The voltage (V)	Paddle size	current (A)	thrust (G)	power (W)	efficiency (G/W)	speed (RPM)
11.1	APC 10X4.7	1	136	11.1	12.25	2910
		2	230	22.2	10.36	3750
		3	310	33.3	9.31	4310
		4	400	44.4	9.01	4790
		5	470	55.5	8.47	5150
		6	530	66.6	7.96	5450
		7	590	77.7	7.59	5750
		8	650	88.8	7.32	5960
		9	690	99.9	6.91	6230
		10.3	770	114.3	6.73	6480
	APC 11X4.7	1	140	11.1	12.61	2720
		2	240	22.2	10.81	3500
		3	340	33.3	10.21	4020
		4	430	44.4	9.68	4450
		5	500	55.5	9.01	4750
		6	570	66.6	8.56	5040
		7	630	77.7	8.11	5280
		8	690	88.8	7.77	5510
		9	740	99.9	7.41	5700
		10	790	111	7.12	5880
		11	840	122.1	6.88	6070
		12	910	133.2	6.83	6240
	APC 12X3.8	1	140	11.1	12.61	2570
		2	250	22.2	11.26	3290
		3	350	33.3	10.51	3750
		4	430	44.4	9.68	4130
		5	510	55.5	9.19	4400
		6	580	66.6	8.71	4640
		7	640	77.7	8.24	4750
		8	690	88.8	7.77	4900
		9	750	99.9	7.51	5100
		10	800	111	7.21	5300
		11	850	122.1	6.96	5410
		12	910	133.2	6.83	5510
		14.2	1050	157.6	6.66	5840
	11X4.7 Carbon Fiber Propeller	1	140	11.1	12.61	2720
		2	250	22.2	11.26	3480
		3	340	33.3	10.21	4050
		4	430	44.4	9.68	4510
		5	500	55.5	9.01	4860
		6	560	66.6	8.41	5160
		7	630	77.7	8.11	5450
		8	680	88.8	7.66	5650
		9	750	99.9	7.51	5890
		10	800	111	7.21	6080
	1255 Carbon Fiber Propeller	11.2	870	124.3	7.00	6350
		1	150	11.1	13.51	2400
		2	270	22.2	12.16	3130
		3	340	33.3	10.21	3540
		4	430	44.4	9.68	3980
		5	490	55.5	8.83	4300
		6	590	66.6	8.86	4640
		7	660	77.7	8.49	4880
		8	730	88.8	8.22	5100
		9	790	99.9	7.91	5320
		10	850	111	7.66	5500
		11	890	122.1	7.29	5680
		12	930	133.2	6.98	5810
		12.4	950	137.6	6.90	5830

14.8	APC 1047	1	170	14.8	11.49	3220
		2	290	29.6	9.80	4200
		3	390	44.4	8.78	4760
		4	480	59.2	8.11	5310
		5	570	74	7.70	5690
		6	640	88.8	7.21	6000
		7	700	103.6	6.76	6270
		8	760	118.4	6.42	6510
		9	830	133.2	6.23	6790
		10	890	148	6.01	6970
		11	940	162.8	5.77	7140
		12	1000	177.6	5.63	7390
		13	1050	192.4	5.46	7560
		14	1100	207.2	5.31	7730
		15	1160	222	5.23	7900
		15.7	1210	232.4	5.21	8020
	11x4.7 Carbon Fiber Propeller	1	178	14.8	12.03	2950
		2	310	29.6	10.47	3910
		3	410	44.4	9.23	4430
		4	530	59.2	8.95	5020
		5	610	74	8.24	5350
		6	690	88.8	7.77	5690
		7	760	103.6	7.34	5930
		8	830	118.4	7.01	6210
		9	910	133.2	6.83	6430
		10	940	148	6.35	6630
		11	1020	162.8	6.27	6830
		12	1090	177.6	6.14	7020
		13	1130	192.4	5.87	7160
		14	1180	207.2	5.69	7310
		15	1240	222	5.59	7510
		16	1270	236.8	5.36	7620
		16.6	1340	245.7	5.45	7700
	1238 Carbon Fiber Propeller	1	180	14.8	12.16	3040
		2	310	29.6	10.47	3920
		3	420	44.4	9.46	4500
		4	520	59.2	8.78	4970
		5	610	74	8.24	5340
		6	710	88.8	8.00	5690
		7	770	103.6	7.43	5930
		8	850	118.4	7.18	6190
		9	930	133.2	6.98	6430
		10	980	148	6.62	6610
		11	1070	162.8	6.57	6820
		12	1120	177.6	6.31	7000
		13	1170	192.4	6.08	7140
		14	1240	207.2	5.98	7290
		15	1290	222	5.81	7440
		16	1340	236.8	5.66	7550
		17.3	1430	256	5.59	7710