

TAKING THRUST **2KG**
TO THE **RS 2306**
NEXT LEVEL

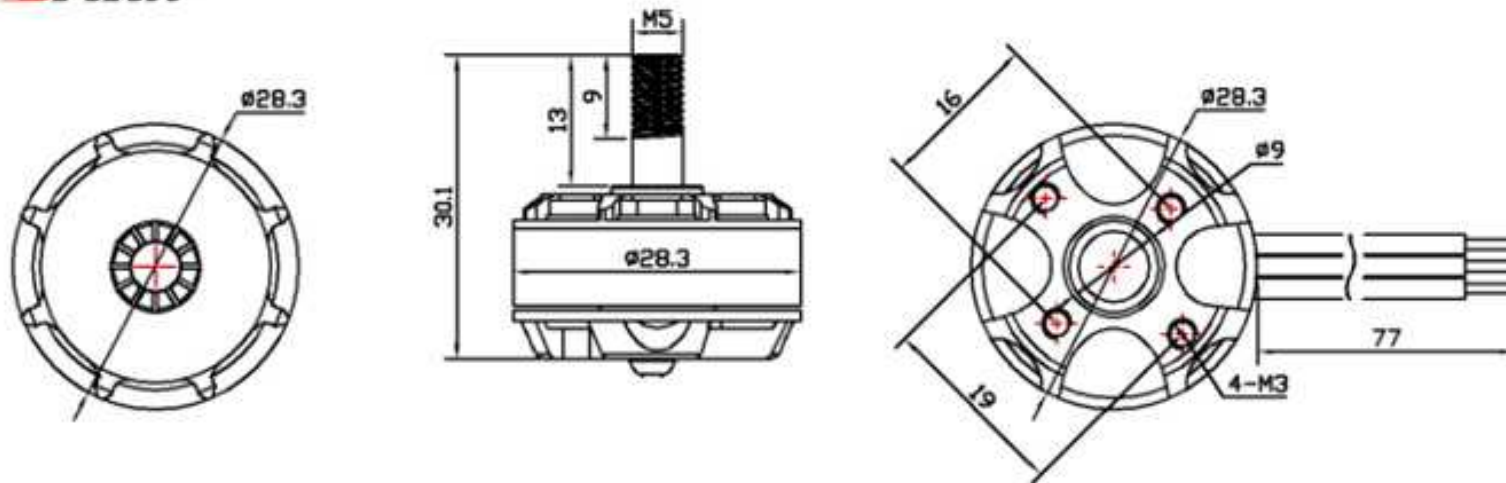


2400KV & 2750KV



Specification

EMAX



RS2306-2400KV:

Framework:12N14P

Diameter:28.3MM

Max.thrust:1552g

No.of cells:3-4S

Length:30.1MM

Weight:33.84g

Propeller:5"

Prop adapter shaft thread:M5

KV:2400

RS2306-2750KV:

Framework:12N14P

Diameter:28.3MM

Max.thrust:1762g

No.of cells:3-4S

Length:30.1MM

Weight:33.84g

Propeller:5"

Prop adapter shaft thread:M5

KV:2750

12	GF5050 Tri-blade	1	68	12.00	5.67	5740
		3.1	167	37.20	4.49	9010
		5.1	250	61.20	4.08	10780
		7.1	325	85.20	3.81	12270
		9.1	384	109.20	3.52	13450
		11.1	435	133.20	3.27	14480
		13.1	493	157.20	3.14	15440
		15.1	556	181.20	3.07	16210
		17.1	608	205.20	2.96	17070
		19.1	660	229.20	2.88	17860
		21.3	715	255.60	2.80	18630
		23.1	765	277.20	2.76	19260
		25.1	819	301.20	2.72	19880
		27.1	865	325.20	2.66	20300
		29.1	910	349.20	2.61	20950
		31.2	961	374.40	2.57	21430
		33.2	1006	398.40	2.53	21940
		35	1058	420.00	2.52	22430
		37.2	1106	446.40	2.48	22910
		39.2	1152	470.40	2.45	23510
		40.5	1170	486.00	2.41	23780
	T5045 Tri-blade	1	66	12.00	5.50	6420
		3.1	176	37.20	4.73	10320
		5.1	260	61.20	4.25	12550
		7.1	334	85.20	3.92	14240
		9.1	405	109.20	3.71	15630
		11.1	474	133.20	3.56	16910
		13.1	539	157.20	3.43	18030
		15.1	597	181.20	3.29	19100
		17.1	660	205.20	3.22	19990
		19.2	717	230.40	3.11	20660
		21.1	761	253.20	3.01	21240
		23.1	810	277.20	2.92	21840
		25.1	864	301.20	2.87	22450
		27.1	911	325.20	2.80	23250
		29.1	963	349.20	2.76	23710
		31.2	1023	374.40	2.73	24120
		33	1080	396.00	2.73	24580
		34.2	1118	410.40	2.72	24730
	HO5045 Propeller	1	56	12.00	4.67	6200
		3.1	152	37.20	4.09	9910
		5.1	225	61.20	3.68	11980
		7.1	297	85.20	3.49	13550
		9.1	356	109.20	3.26	14840
		11.1	410	133.20	3.08	16070
		13.1	478	157.20	3.04	17080
		15.1	538	181.20	2.97	18030
		17.1	590	205.20	2.88	19030
		19.1	645	229.20	2.81	19730
		21.1	698	253.20	2.76	20530
		23.1	744	277.20	2.68	21210
		25.2	795	302.40	2.63	21900
		27.1	842	325.20	2.59	22450
		29.1	877	349.20	2.51	23020
		31.3	914	375.60	2.43	23530
		33.3	958	399.60	2.40	24120
		35.2	996	422.40	2.36	24580
		36.3	1013	435.60	2.33	24750
	6040BN Tri-blade	1.1	85	13.20	6.44	5780
		3.1	203	37.20	5.46	8630
		5.1	299	61.20	4.89	10250
		10.2	490	122.40	4.00	13133
		15.1	651	181.20	3.59	15220
		20.1	792	241.20	3.28	16820
		25.1	941	301.20	3.12	18050
		30.1	1057	361.20	2.93	19140
		35.1	1145	421.20	2.72	20250
		40.1	1262	481.20	2.62	21240
		43.7	1328	524.40	2.53	22060

RS2306-
2750KV

16

GF5050
Tri-blade

13.1	5.1	41.60	3.68	6155
3.1	204	49.60	4.11	10100
5.1	300	81.60	3.68	12000
7.1	377	113.60	3.32	13410
9.1	441	145.60	3.03	14560
11.1	507	177.60	2.85	15520
13.1	574	209.60	2.74	16520
15.1	630	241.60	2.61	17260
17.1	691	273.60	2.53	17920
19.1	744	305.60	2.43	18760
21.2	806	339.20	2.38	19600
23.1	864	369.60	2.34	20450
25.3	922	404.80	2.28	21050
27.3	981	436.80	2.25	21640
29.2	1036	467.20	2.22	22230
31.3	1085	500.80	2.17	22820
33.2	1138	531.20	2.14	23470
35.3	1186	564.80	2.10	24020
37.2	1247	595.20	2.10	24530
39	1302	624.00	2.09	25080
41.1	1359	657.60	2.07	25520
43	1418	688.00	2.06	26030
45	1475	720.00	2.05	26510
47	1536	752.00	2.04	26980
49	1586	784.00	2.02	27420
51	1638	816.00	2.01	27860
53	1686	848.00	1.99	28200
55	1728	880.00	1.96	28620
57.2	1762	915.20	1.93	29080

T5045
Tri-blade

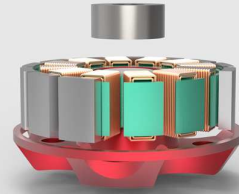
1	93	16.00	5.81	7130
3.1	220	49.60	4.44	10850
5.1	316	81.60	3.87	13010
7.1	397	113.60	3.49	14660
9.1	470	145.60	3.23	15920
11.1	542	177.60	3.05	17200
13.1	607	209.60	2.90	18150
15.1	676	241.60	2.80	19100
17.1	744	273.60	2.72	20030
19	804	304.00	2.64	20820
21	867	336.00	2.58	21700
23.4	951	374.40	2.54	22720
25	1012	400.00	2.53	23710
27.3	1074	436.80	2.46	24350
29	1132	464.00	2.44	24990
31.1	1195	497.60	2.40	25420
33	1250	528.00	2.37	25960
35	1309	560.00	2.34	26420
37.2	1368	595.20	2.30	26980
39	1422	624.00	2.28	27460
41	1481	656.00	2.26	27920
43	1530	688.00	2.22	28380
45	1581	720.00	2.20	28760
47	1634	752.00	2.17	29180
49	1679	784.00	2.14	29520
52.6	1728	841.60	2.05	30080

HO5045
Propeller

1.1	75	17.60	4.26	7210
3.1	190	49.60	3.83	10970
5.1	280	81.60	3.43	13050
7.1	351	113.60	3.09	14610
9.1	416	145.60	2.86	15910
11.1	486	177.60	2.74	17000
13.1	548	209.60	2.61	18060
15.1	607	241.60	2.51	19020
17.3	675	276.80	2.44	19920
19.2	733	307.20	2.39	20820
21.2	784	339.20	2.31	21530
23.2	835	371.20	2.25	22260
25.2	893	403.20	2.21	22870
27.1	944	433.60	2.18	23450
29.1	987	466.60	2.12	23850
31.1	1039	497.60	2.09	24510
33.1	1089	529.60	2.06	25090
35.2	1141	563.20	2.03	25520
37	1180	592.00	1.99	26110
39.3	1220	628.80	1.94	26570
41	1265	656.00	1.93	27000
43.1	1301	689.60	1.89	27340
45	1342	720.00	1.86	27680
47.2	1388	755.20	1.84	28020
49.1	1417	785.60	1.80	28380
51	1446	816.00	1.77	28660
53.9	1482	862.40	1.72	29180

6040BN
Tri-blade

1.1	104	17.60	5.91	6420
5.1	336	81.60	4.12	10980
10.1	549	161.60	3.40	14000
15	716	240.00	2.98	15890
20	871	320.00	2.72	17420
25.3	1015	404.80	2.51	18900
30.5	1194	488.00	2.45	20520
35	1281	560.00	2.29	21500
40	1440	640.00	2.25	22400
45	1581	720.00	2.20	23500
50	1706	800.00	2.13	24400
55	1801	880.00	2.05	25370
60	1908	960.00	1.99	26980
64.7	2017	1035.20	1.95	27700



Bearing

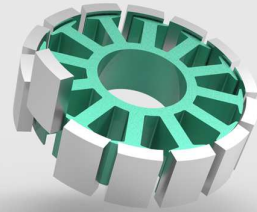


0.15MM



Efficient Conversion

Upgraded larger stator with Japan NSK bearings, 0.15mm silicon steel laminations reduce eddy current loss. Greater power and efficiency



1.8MM



Shortening time



Faster acceleration

Less rotational mass, thinner 1.8mm arc magnets, shorten the motor start time, accelerates faster



M5 hollow steel shaft, strong and durable

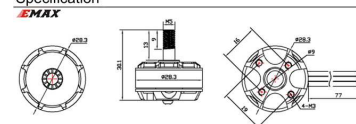


RS2306 white package



RS2306 black package

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RS2306-2750KV: Framework:12N14P Diameter:28.3MM Max.thrust:1762g	No.of.cells:3-4S Length:30.1MM Weight:33.84g	Propeller:8" Prop.adapter:shaft.thread:M5 KV:2750







