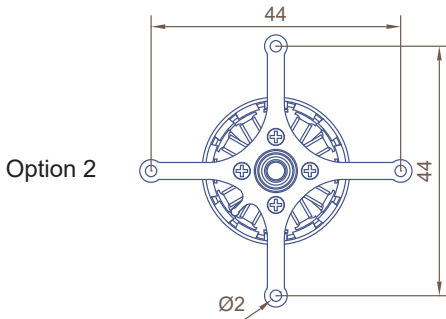
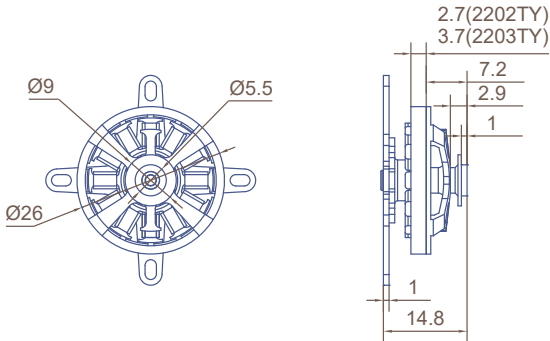
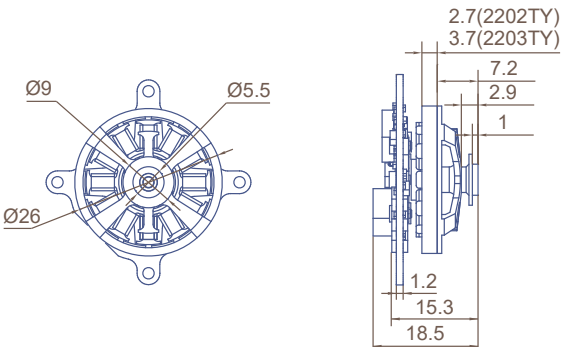


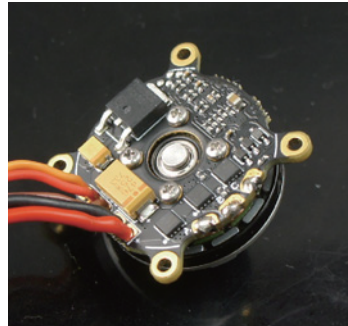
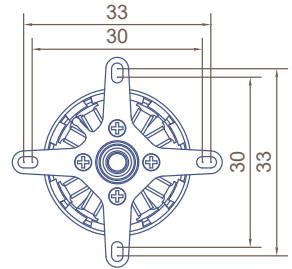
## XM2202TY & XM2203TY



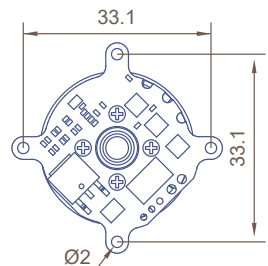
## XM2202RTR & XM2203RTR



Dimensions



Dimensions



## Specification

# 2202TY&RTR-24

Xmotor TY&RTR Series	XM2202TY-24SE	XM2202TY-24	XM2202RTR-24
SKU(商品编码)	51958	51960	51962
KV(KV值)	1700		
Wiring(配线)	24T, WYE, silver wire	24T, WYE	
Slots & Poles(槽数, 极数)	12, 14		
Weight w/ wires(g) (含线重量)	10.2	10	16
Outer Diameter(mm)(直径)	26		
Length(mm)(长度)	14.8	15.3, 18.5 w/ ICs	
Diameter of Shaft(mm)(轴径)	3mm, hollow		
Mounting holes pitch(mm) (安装孔距)	M1: 30 to 33, M2: 44		ESC bord: 31.4
Idle Current(Io) @10V(A)(空载电流)	0.15	0.18	
Resistance(Ri)(mOhm)(电阻)	460	540	
Cruising power(W)[5 mins](巡航功率)	15	14	
Bursts current(A)[15s](最大电流)	3.7	3.4	3.6
Peak power(W)[15s](峰值功率)	27 @ 7.4V		25 @ 7.4V
Recommended ESC(调速器)	XC0610BA-V2		Integrated ESC Board
Propeller(螺旋桨)	GWS0843, PT9x2.3i, PT9x3i @7.4V		
Memo(备注)	For up to 120g F3P models		For up to 110g F3P models

## Specification

# 2202TY&RTR-27

Xmotor TY&RTR Series	XM2202TY-27SE	XM2202TY-27	XM2202RTR-27
SKU(商品编码)	51959	51961	51963
KV(KV值)	1500		
Wiring(配线)	27T, WYE, silver wire	27T, WYE	
Slots & Poles(槽数, 极数)	12, 14		
Weight w/ wires(g) (含线重量)	10.2	10	16
Outer Diameter(mm)(直径)	26		
Length(mm)(长度)	14.8	15.3, 18.5 w/ ICs	
Diameter of Shaft(mm)(轴径)	3mm, hollow		
Mounting holes pitch(mm) (安装孔距)	M1: 30 to 33, M2: 44		ESC bord: 31.4
Idle Current(Io) @10V(A)(空载电流)	0.12	0.14	
Resistance(Ri)(mOhm)(电阻)	600	710	
Cruising power(W)[5 mins](巡航功率)	13	12	
Bursts current(A)[15s](最大电流)	3.7	3.0	
Peak power(W)[15s](峰值功率)	24 @ 7.4V		22 @ 7.4V
Recommended ESC(调速器)	XC0610BA-V2		Integrated ESC Board
Propeller(螺旋桨)	PT9x2.3i,PT9x3i,PT10x3i @ 7.4V		
Memo(备注)	For up to 90g F3P models		For up to 80g F3P models

7.4V Motor @ Optimum Efficiency 优化效率点



Current  
电流



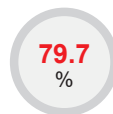
Revolutions  
转速



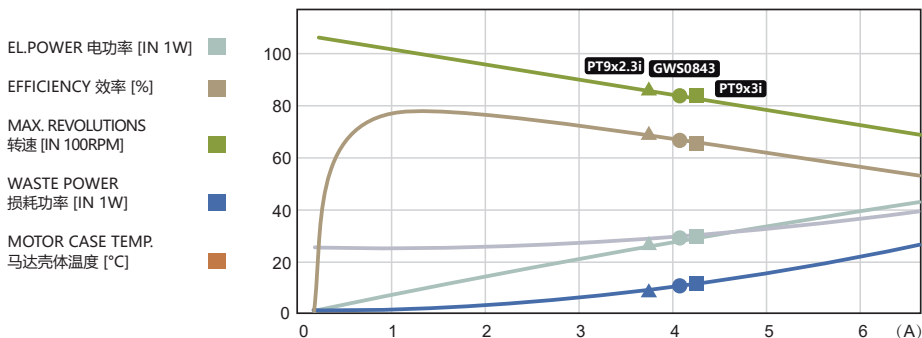
electric Power  
电功率



mech. Power  
机械功率

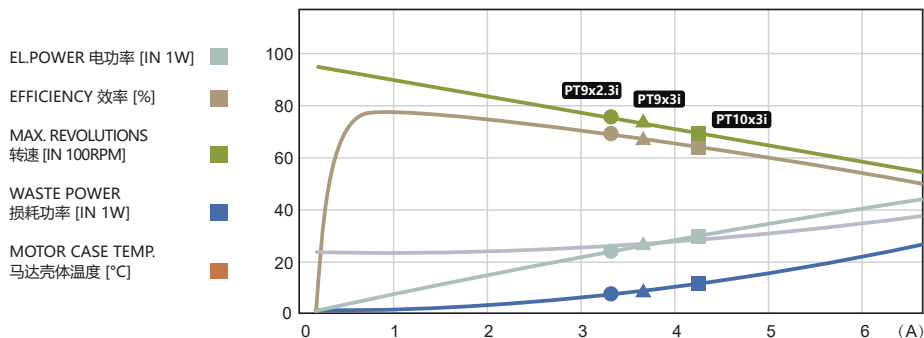


Efficiency  
效率



Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
<b>GWS0843</b>							
	5120	50	0.8	6.1	76.1	69	11.4
	5760	58	1.1	8.4	74.8	88	10.5
	6400	67	1.5	11.4	73.3	108	9.5
	7040	76	2.2	16	71.8	131	8.2
	7680	86	2.9	21.1	70.2	156	7.4
	8442	100	4.1	30.1	67.9	189	6.3
<b>PT9x2.3i</b>							
	5600	53	0.9	6.3	77.1	72	11.4
	6160	60	1.1	8.2	75.7	87	10.6
	6720	68	1.5	11.3	74.1	104	9.2
	7280	76	2.0	14.5	72.6	122	8.4
	7840	85	2.6	18.6	71	141	7.6
	8676	100	3.7	26.7	68.4	173	6.5
<b>PT9x3i</b>							
	5400	50	0.9	6.7	76.5	79	11.9
	6000	58	1.3	9.3	74.6	98	10.5
	6600	67	1.7	12.7	72.6	119	9.4
	7200	76	2.3	17.3	70.6	141	8.2
	7800	86	3.1	22.3	68.6	165	7.4
	8534	100	4.2	30.9	66.1	198	6.4

**7.4V** Motor @ Optimum Efficiency 优化效率点



Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
<b>PT9x2.3i</b>							
	5040	54	0.8	5.9	77.6	67	11.4
	5600	62	1.1	8.1	76.1	82	10.1
	6160	71	1.5	11.1	74.4	100	9.0
	6720	80	2.0	14.8	72.6	119	8.0
	7280	90	2.6	19	70.9	140	7.4
	7795	100	3.3	24.1	68.9	160	6.6
<b>PT9x3i</b>							
	4640	49	0.7	5.2	78.1	64	12.3
	5220	57	1.0	7.4	76.2	81	10.9
	5800	66	1.4	10.4	74.2	100	9.6
	6380	76	1.9	14.1	72.2	121	8.6
	6960	87	2.6	19	70.1	144	7.6
	7624	100	3.6	26.3	67.6	173	6.6
<b>PT10x3i</b>							
	4500	51	0.8	5.9	77.1	73	12.3
	5000	58	1.1	8.3	74.8	90	10.8
	6000	73	2.0	14.8	70.8	130	8.8
	6500	81	2.6	18.7	69.5	152	8.1
	7000	90	3.3	23.9	67.1	176	7.3
	7497	100	4.2	30	65.1	202	6.7

# Specification

# 2203TY&RTR-16

Xmotor TY&RTR Series	XM2203TY-16	XM2203RTR-16
SKU(商品编码)	51964	51965
KV(KV值)	1650	
Wiring(配线)	17T, WYE	
Slots & Poles(槽数, 极数)	12, 14	
Weight w/ wires(g) (含线重量)	12.5	18.5
Outer Diameter(mm)(直径)	26	
Length(mm)(长度)	14.8	15.3, 18.5 w/ ICs
Diameter of Shaft(mm)(轴径)	3mm, hollow	
Mounting holes pitch(mm) (安装孔距)	M1: 30 to 33, M2: 44	ESC bord: 31.4
Idle Current(Io) @10V(A)(空载电流)	0.17	
Resistance(Ri)(mOhm)(电阻)	270	
Cruising power(W)[5 mins](巡航功率)	20	
Bursts current(A)[15s](最大电流)	5.0	
Peak power(W)[15s](峰值功率)	37 @ 7.4V	
Recommended ESC(调速器)	XC0610BA-V2	Integrated ESC Board
Propeller testing data (螺旋桨试验数据)	GWS0843, APC9x4.7SF PT9x3i, PT10x3i @ 7.4V	
Memo(备注)	For up to 150g F3P & Freestyle indoor models	

## XM2203TY-16 & XM2203RTR-16

1650KV

### 7.4V Motor @ Optimum Efficiency 优化效率点



Current  
电流



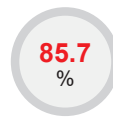
Revolutions  
转速



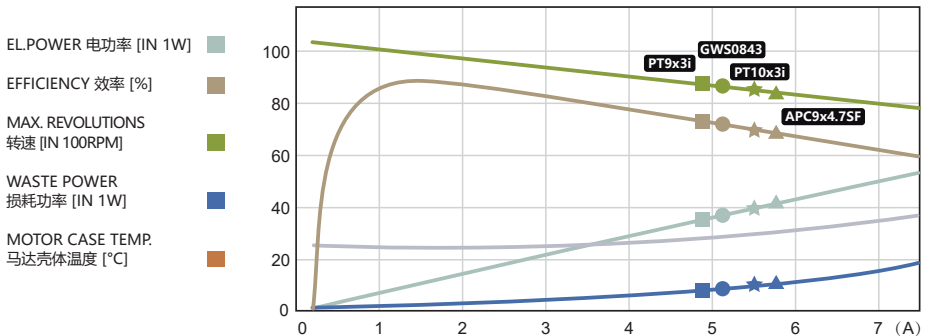
electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率



Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
7.4V (2S LIPO)	<b>GWS0843</b>						
	5625	54	1.2	8.6	78.8	108	12.6
	6250	62	1.7	12.3	77.3	133	10.8
	6875	71	2.2	16.6	75.9	161	9.7
	7500	80	3.0	21.8	74.4	192	8.8
	8125	90	4.0	29.1	72.9	225	7.7
	8675	100	5.1	37	72.1	257	6.9
	<b>APC9x4.7SF</b>						
	5535	56	1.4	10.7	75.7	131	12.3
	6150	64	2.0	14.7	73.9	162	11.1
	6765	73	2.7	20.0	72.1	196	9.8
	7380	83	3.7	26.9	70.3	233	8.6
	7995	94	4.9	35.5	68.6	274	7.7
	8330	100	5.7	41.4	67.3	297	7.2
	<b>PT9x3i</b>						
	5850	56	1.2	9.0	80.6	109	12.2
	6500	64	1.7	12.9	79.2	135	10.5
	7150	74	2.4	17.4	77.6	164	9.4
	7800	84	3.2	23.3	76.1	195	8.4
	8450	94	4.3	31.1	74.4	229	7.4
	8749	100	4.9	35.5	73.6	246	6.9
	<b>PT10x3i</b>						
	5130	51	1.1	7.8	79.2	101	13.0
	5700	58	1.5	10.9	77.2	124	11.4
	6840	73	2.6	19.4	74.7	179	9.2
	7410	81	3.4	24.5	72.9	210	8.6
	7980	90	4.3	31.4	71.1	242	7.7
	8547	100	5.5	39.9	69.6	278	7.0