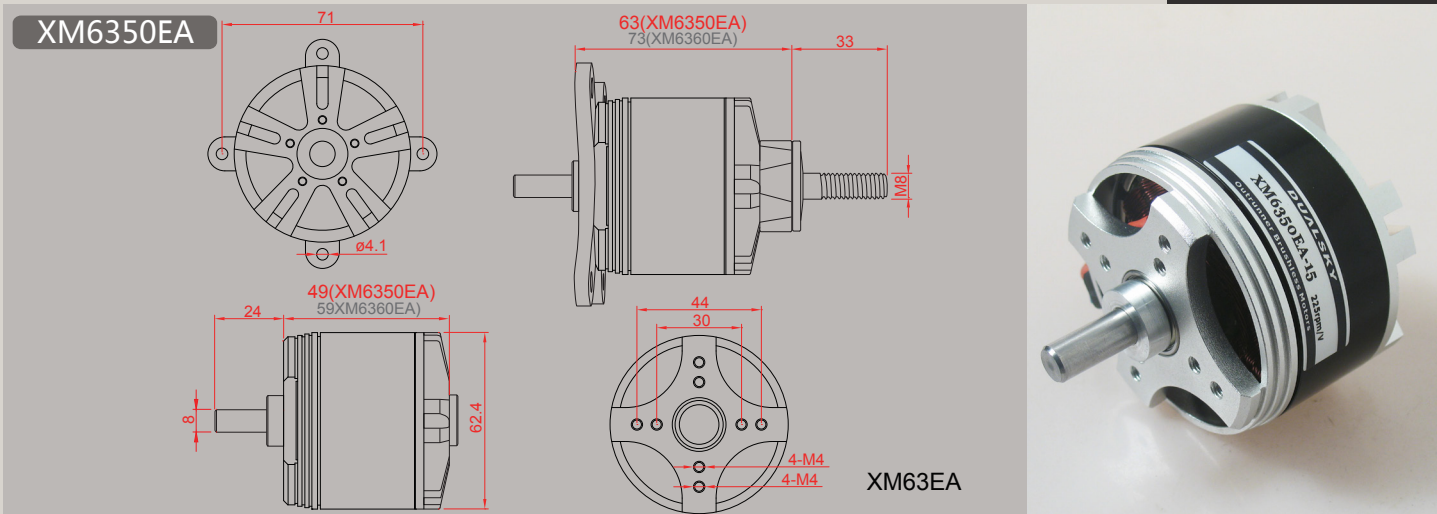


Dimensions



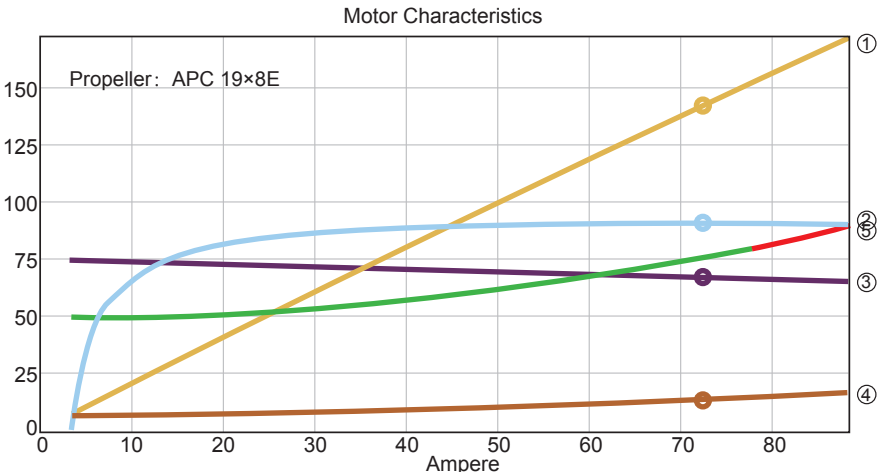
Specification

Xmotor EA Brushless outrunner	XM6350EA-9	XM6350EA-12	XM6350EA-15
Item NO. (商品编码)	55701	55702	55703
RPM/V (KV) (KV值)	370	280	224
Alias(Stator diameter, Magnet length) (定子直径, 磁铁长度)	5320	5320	5320
Weight(g) (重量)	469	462	453
Diameter(mm) (直径)	62.4	62.4	62.4
Length(mm) (长度)	49	49	49
Diameter of Shaft(mm) (轴径)	8.0	8.0	8.0
Mounting holes pitch(mm) (安装孔距)	44/44	44/44	44/44
Slots,Poles (极数)	12,14	12,14	12,14
Idle Current(Io) @10V(A) (空载电流)	2.4	1.5	1.1
Resistance(Ri)(mOhm) (电阻)	15	25	41
Cruising power(W)[8 mins] (巡航功率)	1141	1156	1122
Bursts current(A)[15s] (最大电流)	93	71	55
Peak power(W)[15s] (峰值功率)	2074	2102	2040
Recommended ESC (推荐调速器)	XC10018CA	XC9036HV	XC9036HV
Setup 1(No. of Cell, Prop.) (配置1)	6S, 20x10	8S, 19x10	10S, 18x10
Setup 2(No. of Cell, Prop.) (配置1)	N/A	N/A	N/A
Max. weight of sport models(kg) (适用的运动型飞机最大重量)	5.7	5.8	5.6
Max. weight of 3D models(kg) (适用的3D机最大重量)	3.8	3.9	3.7
Memo (备注)	.95-.120 2-stroke		Up to .140 4st

XM6350EA-9 (370KV)

Motor @ Optimum Efficiency  
最佳效率

Current(电流):	63.38A
Voltage(电压):	19.91V
Revolutions(转速):	6805rpm
electric Power(输入功率):	1262W
mech. Power(输出功率):	1144.9W
Efficiency(效率):	90.7%



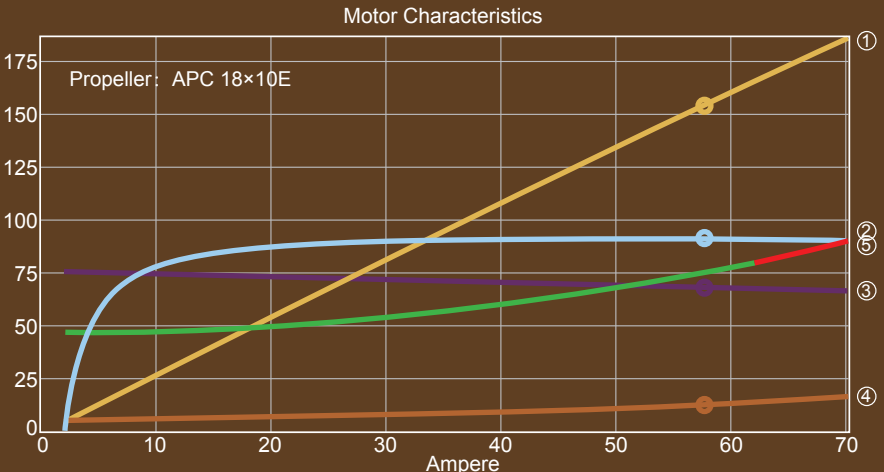
Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum , 22.2V (6S Lipo)					
APC 18x8E	5835g	62.20	1239.6	4.7	6818
APC 18x10E	7023g	74.02	1461.8	4.8	6690
APC 19x8E	6616g	73.63	1454.6	4.6	6694
APC 19x10E	7914g	87.11	1703.3	4.7	6548
APC 20x10E	8810g	101.08	1955.1	4.5	6398

- ① el.Power [in 10W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]
- Motor Case Temp. overlimit [°C]

XM6350EA-12 (280KV)

Motor @ Optimum Efficiency  
最佳效率

Current(电流):	46.49A
Voltage(电压):	26.93V
Revolutions(转速):	6998rpm
electric Power(输入功率):	1251.8W
mech. Power(输出功率):	1146.6W
Efficiency(效率):	91.6%



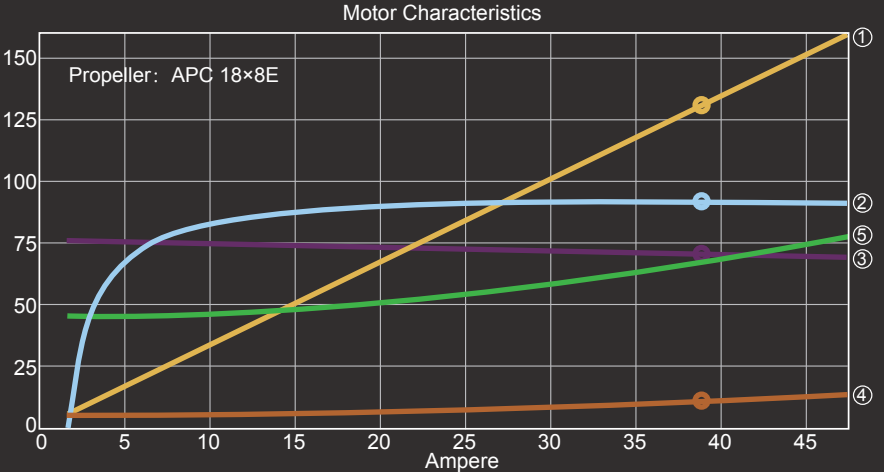
Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum , 29.6V (8S Lipo)					
APC 17x10E	6423g	48.74	1310.2	4.9	6971
APC 18x8E	6095g	48.95	1315.9	4.6	6968
APC 18x10E	7368g	58.59	1563.9	4.7	6852
APC 19x8E	6940g	58.27	1555.8	4.5	6856
APC 19x10E	8340g	69.37	1837.2	4.5	6722

- ① el.Power [in 10W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]
- Motor Case Temp. overlimit [°C]

XM6350EA-15 (224KV)

Motor @ Optimum Efficiency  
最佳效率

Current(电流):	35.36A
Voltage(电压):	33.95V
Revolutions(转速):	7061rpm
electric Power(输入功率):	1200.4W
mech. Power(输出功率):	1100.5W
Efficiency(效率):	91.7%



Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum ,37V (10S Lipo)					
APC 17x10E	6488g	39.33	1331.4	4.9	7006
APC 18x8E	6157g	39.50	1337.3	4.6	7003
APC 18x10E	7456g	47.39	1595.4	4.7	6893
APC 19x8E	7022g	47.13	1586.9	4.4	6897
APC 19x10E	8456g	56.24	1881.8	4.5	6769

- ① el.Power [in 10W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]