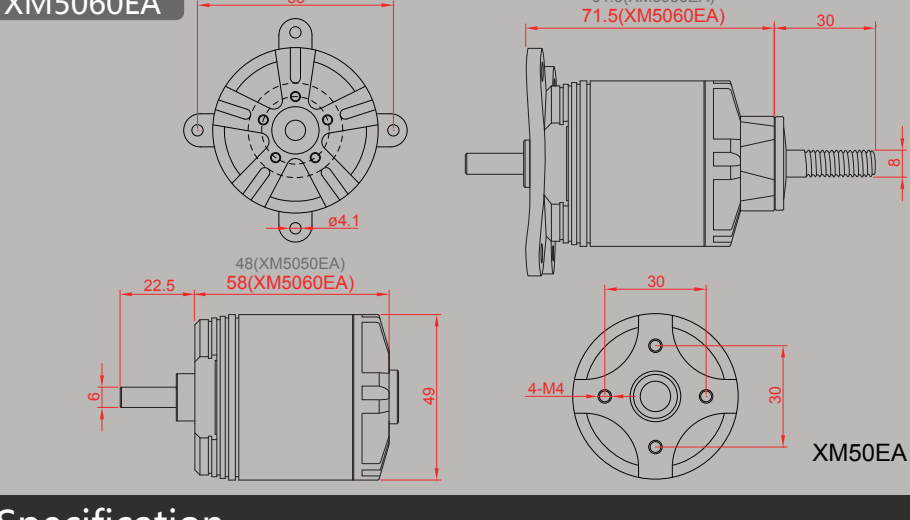


Dimensions



Specification

Xmotor EA Brushless outrunner	XM5060EA-6	XM5060EA-7
Item NO. (商品编码)	55697	55698
RPM/V (KV) (KV值)	470	405
Alias(Stator diameter, Magnet length) (定子直径, 磁铁长度)	4130	4130
Weight(g) (重量)	393	383
Diameter(mm) (直径)	49	49
Length(mm) (长度)	58	58
Diameter of Shaft(mm) (轴径)	6.0	6.0
Mounting holes pitch(mm) (安装孔距)	30/30	30/30
Slots,Poles (极数)	12,14	12,14
Idle Current(Io) @10V(A) (空载电流)	2.4	1.8
Resistance(Ri)(mOhm) (电阻)	15	20
Cruising power(W)[8 mins] (巡航功率)	1017	902
Bursts current(A)[15s] (最大电流)	83	74
Peak power(W)[15s] (峰值功率)	1849	1641
Recommended ESC (推荐调速器)	XC8018BA	XC8018BA
Setup 1(No. of Cell, Prop.) (配置1)	5S, 15x10	5S, APC16x10E(71A)
Setup 2(No. of Cell, Prop.) (配置1)	6S, APC15x8E(75A)	6S, APC17x8E(5kg)
Max. weight of sport models(kg) (适用的运动型飞机最大重量)	5.1	4.5
Max. weight of 3D models(kg) (适用的3D机最大重量)	3.4	3.0
Memo (备注)	.75-.90 2-stroke Up to .110 4st	

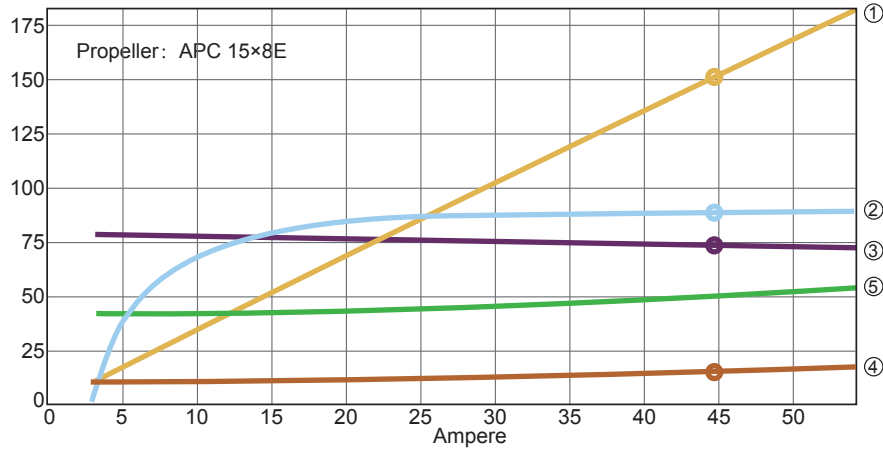
Specification

Xmotor EA Brushless outrunner	XM5060EA-8	XM5060EA-9	XM5060EA-10
Item NO. (商品编码)	55699	55700	55772
RPM/V (KV) (KV值)	355	315	290
Alias(Stator diameter, Magnet length) (定子直径, 磁铁长度)	4130	4130	4130
Weight(g) (重量)	382	378	376
Diameter(mm) (直径)	49	49	49
Length(mm) (长度)	58	58	58
Diameter of Shaft(mm) (轴径)	6.0	6.0	6.0
Mounting holes pitch(mm) (安装孔距)	30/30	30/30	30/30
Slots,Poles (极数)	12,14	12,14	12,14
Idle Current(Io) @10V(A) (空载电流)	1.5	1.2	1.0
Resistance(Ri)(mOhm) (电阻)	25	32	40
Cruising power(W)[8 mins] (巡航功率)	829	929	855
Bursts current(A)[15s] (最大电流)	68	57	53
Peak power(W)[15s] (峰值功率)	1508	1690	1554
Recommended ESC (推荐调速器)	XC6018BA	XC9036HV	XC9036HV
Setup 1(No. of Cell, Prop.) (配置1)	6S, 16x10	8S, 15x8	8S, 16x10
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)	4.1	4.6	4.3
Max. weight of 3D models(kg) (适用的3D机最大重量)	2.8	3.1	2.8
Memo (备注)	.75-.90 2-stroke Up to .110 4st		

XM5060EA-6 (470KV)

Motor @ Optimum Efficiency  
最佳效率

Current(电流):	57.23A
Voltage(电压):	16.65V
Revolutions(转速):	7198rpm
electric Power(输入功率):	952.6W
mech. Power(输出功率):	857.3W
Efficiency(效率):	90%

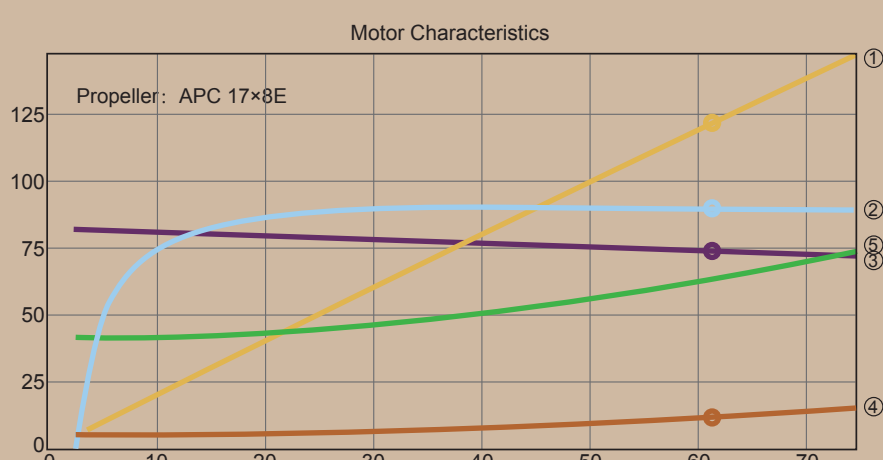


Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum , 22.2V (6S Lipo)					
APC 14x7E	4096g	44.53	899.3	4.6	8903
APC 15x6E	4257g	49.17	989.5	4.3	8839
18.5V (5S Lipo)					
APC 15x8E	3926g	45.19	759.4	5.2	7351
APC 16x8E	4595g	55.55	925.9	5.0	7219
APC 17x10E	6324g	79.26	1296.6	4.9	6916

XM5060EA-7 (405KV)

Motor @ Optimum Efficiency  
最佳效率

Current(电流):	48.94A
Voltage(电压):	20.13V
Revolutions(转速):	7523rpm
electric Power(输入功率):	985W
mech. Power(输出功率):	892.1W
Efficiency(效率):	90.6%

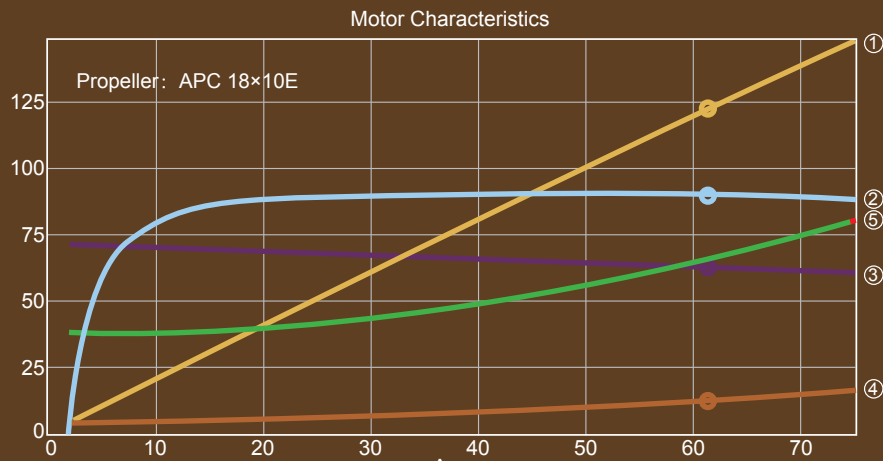


Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum , 22.2V (6S Lipo)					
APC 16x10E	5963g	61.09	1218.5	4.9	7356
APC 17x8E	5702g	62.01	1236.0	4.6	7343
18.5V (5S Lipo)					
APC 16x8E	3553g	37.31	630.8	5.6	6348
APC 16x10E	4308g	44.70	751.3	5.7	6252
APC 17x10E	4968g	54.10	902.8	5.5	6130
APC 18x10E	5644g	64.38	1065.7	5.3	5997

XM5060EA-8 (355KV)

Motor @ Optimum Efficiency  
最佳效率

Current(电流):	39A
Voltage(电压):	20.28V
Revolutions(转速):	6647rpm
electric Power(输入功率):	790.9W
mech. Power(输出功率):	716.9W
Efficiency(效率):	90.6%

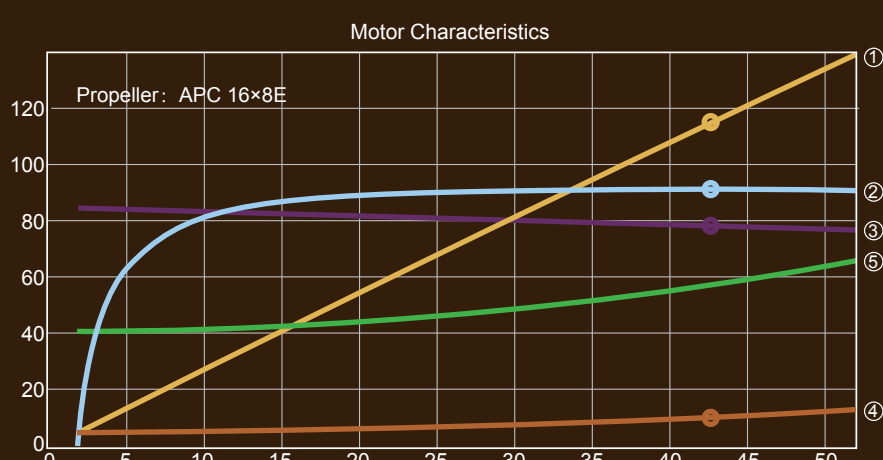


Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum , 22.2V (6S Lipo)					
APC16x10E	4783g	43.33	876	5.5	6588
APC 17x8E	4576g	44.01	889.2	5.2	6578
APC 17x10E	5518g	52.52	1054.4	5.2	6461
APC 17x12E	6400g	60.42	1205.7	2.9	6352
APC 18x8E	5235g	52.75	1058.7	4.9	6458
APC 18x10E	6272g	62.57	1246.5	5.0	6322

XM5060EA-9 (315KV)

Motor @ Optimum Efficiency  
最佳效率

Current(电流):	38.24A
Voltage(电压):	27.09V
Revolutions(转速):	7902rpm
electric Power(输入功率):	1035.7W
mech. Power(输出功率):	944.8W
Efficiency(效率):	91.2%

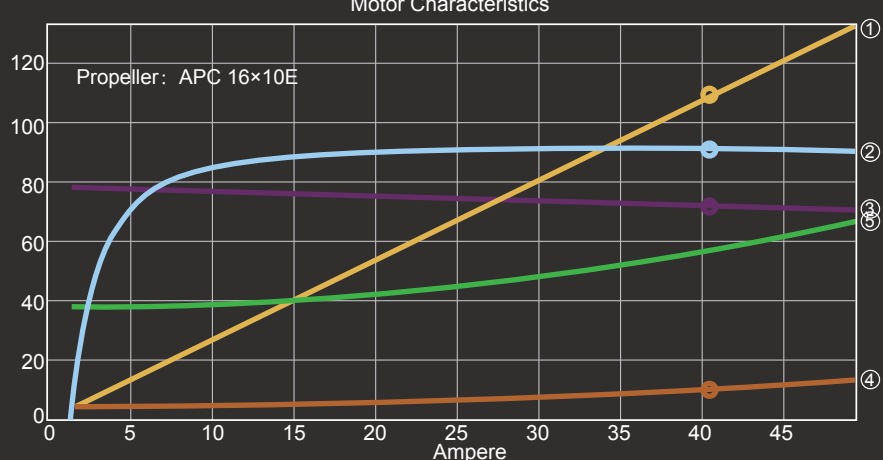


Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速
Motor @ Maximum , 29.6V (8S Lipo)					
APC 15x8E	4595g	34.98	949.7	4.8	7953
APC 16x8E	5396g	43.27	1167.9	4.6	7823
APC 16x10E	6518g	51.76	1388.4	4.7	7690
APC 17x8E	6234g	52.56	1409.0	4.4	7678
APC 17x10E	7480g	62.47	1662.9	4.5	7522

XM5060EA-10 (290KV)

Motor @ Optimum Efficiency  
最佳效率

Current(电流):	30.56A
Voltage(电压):	27.23V
Revolutions(转速):	7317rpm
electric Power(输入功率):	832.2W
mech. Power(输出功率):	759.5W
Efficiency(效率):	91.3%



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 16x10E	5619g	41.16	1112.5	5.1	7140
APC 17x8E	5376g	41.80	1129.4	4.8	7130
APC 17x10E	6469g	49.85	1339.0	4.8	6995
*APC 18x10E	7336g	59.31	1582.4	4.6	6838

\* 超限 Over load