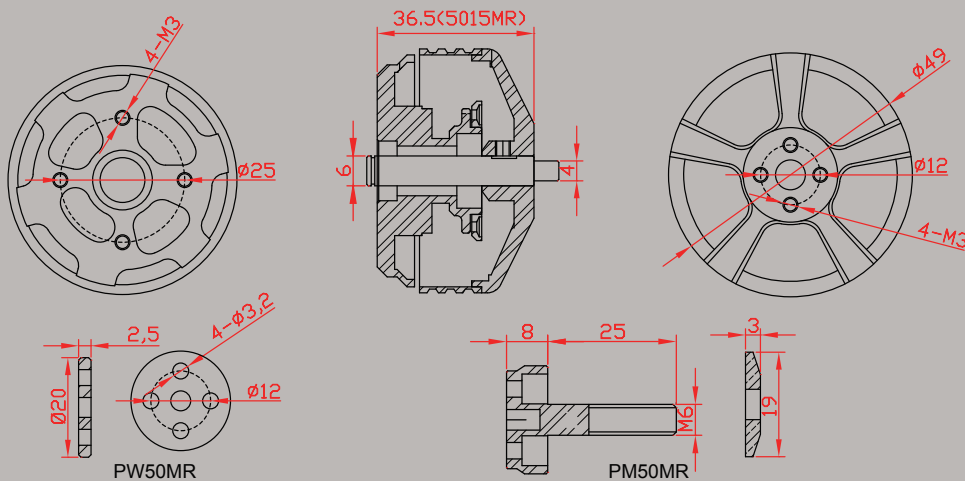


Dimensions



Specification

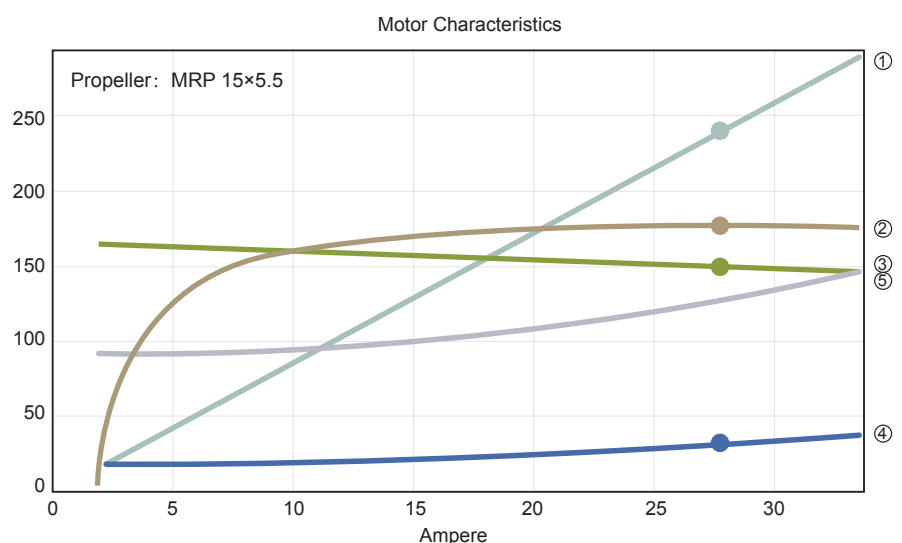
Xmotor Multi-Rotor		XM5015MR 6 TURN	XM5015MR 7 TURN
RPM/V(KV值)	(KV)	390	340
Weight w/o wires(重量)	(g)	150	150
Diameter(直径)	(mm)	50	50
Length(长度)	(mm)	36	36
Diameter of Shaft(轴径)	(mm)	4.0, 6.0	4.0, 6.0
Mounting holes pitch(安装孔距)	(mm)	25/25	25/25
Slots,Poles(极数)		24, 28	24, 28
Idle Current(空载电流)	(Io) @10V(A)	0.8	0.7
Resistance(内阻)	(Ri)(mOhm)	58	75
Cruising power(巡航功率)	(W)[8 mins]	416	375
Bursts current(最大电流)	(A)[15s]	34	30
Peak power(峰值功率)	(W)[15s]	756	680
Input wire(输入线)		18AWG, 600mm	18AWG, 600mm
Recommended ESC(推荐调速器)		XC-401-MR	XC-401-MR
Setup 1(配置1)	(No. of Cell, Prop.)	6S, 15x5 - 16x5	6S, 15x5 - 17x5
Weight of quad-copter(4轴重量)	(kg)	4.6	4.2
Weight of hex-copter(六轴重量)	(kg)	7.0	6.3

XM5015MR-6

Motor @ Optimum Efficiency

最佳效率

Current(电流):	25A
Voltage(电压):	21.8V
Revolutions(转速):	7599rpm
Electric Power(输入功率):	545W
Mech. Power(输出功率):	476.3W
Efficiency(效率):	87.4%



Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速	Efficiency (%) 最大螺距时马达效率
Motor @ Maximum , 22.2V (6S Lipo)						
APC 12×5.5MR	1689g	13.66	300.3	5.63	7912	84.5
APC 13×5.5MR	2087g	17.75	388.9	5.4	7799	86.4
APC 14×5.5MR	2518g	22.57	492.9	5.1	7666	87.3
MRP 15×5.5	2974g	28.11	611.3	4.9	7513	87.3
MRP 16×5.5	3447g	34.31	742.8	4.6	7341	86.8

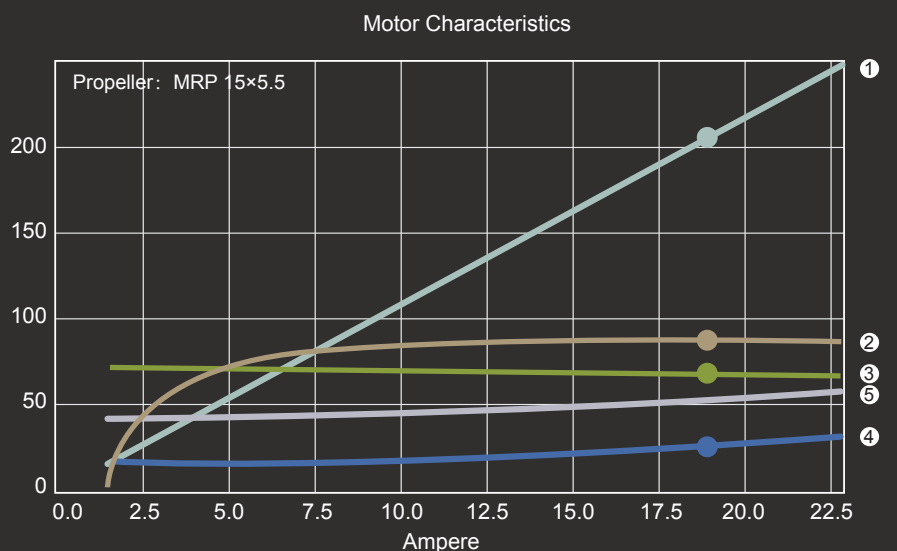
- ① el.Power [in 2W]
- ②Efficiency [%]
- ③max. Revolutions [in 100rpm]
- ④waste Power[W]
- ⑤Motor Case Temp. [°C]

XM5015MR-7

Motor @ Optimum Efficiency

最佳效率

Current(电流):	19.71A
Voltage(电压):	21.88V
Revolutions(转速):	6591rpm
Electric Power(输入功率):	431.2W
Mech. Power(输出功率):	375.8W
Efficiency(效率):	87.2%



Propeller 螺旋桨	Thrust 拉力	Ampere 电流	Watt 功率	g/W 效率	RPM 转速	Efficiency (%) 最大螺距时马达效率
Motor @ Maximum , 22.2V (6S Lipo)						
APC 12×5.5MR	1284g	9.22	203.3	6.32	6900	82.5
APC 13×5.5MR	1595g	11.97	263.3	6.1	6819	85.2
APC 14×5.5MR	1936g	15.25	334.7	5.8	6722	86.6
MRP 15×5.5	2303g	19.06	417.3	5.5	6610	87.1
MRP 16×5.5	2688g	23.39	510.5	5.3	6483	87

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