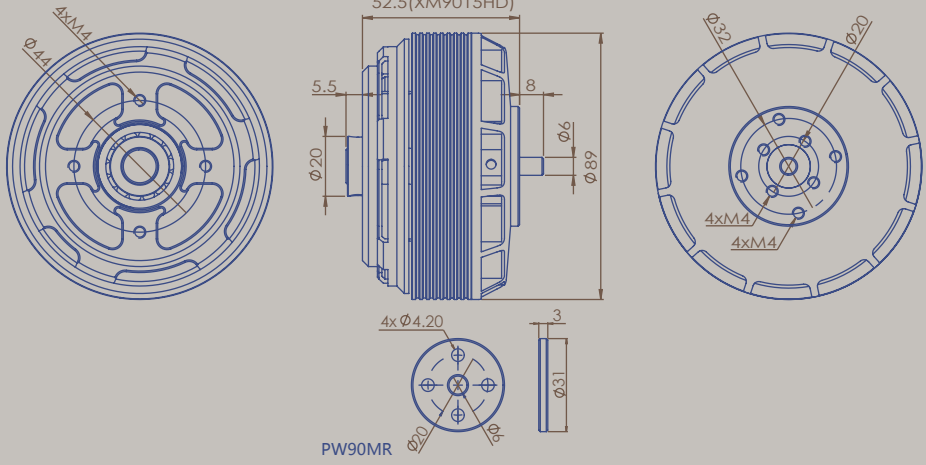


XM9015HD-V3



Specification

Heavy duty series for Multi-copter	XM9015HD-10
Item NO. (商品编码)	51454
RPM/V (KV值)	120RPM/V High Voltage
Weight w/o wires (重量)	665g
Diameter (直径)	89mm
Length (长度)	51.5mm
Diameter of Shaft (轴径)	IN:10.0mm, Out:6.0mm
Propeller mounting holes [Pitch, Size] (桨安装孔距)	(A)20mm, 4-M4 (B)32mm, 4-M4
Motor mounting holes [Pitch, Size] (马达安装孔距)	(A)32mm, 4-M4 (B)44mm, 4-M4
Slots,Poles (极数)	24, 28
Idle Current(Io) @10V (空载电流)	0.9A
Resistance(Ri) (电阻)	58mOhm
Nominal Voltage (额定电压)	30-51V, 10-12S Lipo
Cruising power[30 mins] (巡航功率)	1770W
Bursts current[30s] (最大电流)	72A
Peak power[30s] (峰值功率)	3200W
Input Wire (线规格)	14AWG, 1000mm
Recommended ESC (调速器)	PCU 80HV
Propeller (螺旋桨配置)	24-26" Multicopter Propeller
Propeller adapters (螺旋桨适配器)	Yes
Centrifugal fan (离心式风扇设计)	Yes
Dynamic balanced rotor (转子动平衡)	Yes
Heavy duty design (大负载设计)	Yes
Water & dust proof (防水防尘)	Yes (IP34)
Maintenance free (免维护)	Yes
Weight of Quad-copter (4轴重量)	19.6kg
Weight of Hex-copter (6轴重量)	29.5kg
Weight of Oct-copter (8轴重量)	39.3kg
Memo (备注)	For business agriculture spray

XM9015HD (120KV High Voltage)

螺旋桨 : FALCON 29X9.5			电压 : 12s满电(48V)		
拉力 (kg)	油门 (%)	电压 (V)	电流 (A)	功率 (W)	效率 (g/W)
3.8	30	48	7.5	362	10.5
5	40	48	10.3	494	10.1
6.1	45	48	13.8	663	9.2
7	50	48	17.9	859	8.1
8.7	62.5	48	24.8	1192	7.3
10	75	48	32	1536	6.5
11.6	82.5	48	40.3	1933	6.0
13	90	48	49	2352	5.5
14.8	95	48	60.5	2902	5.1
15.5	100	48	66.6	3197	4.8

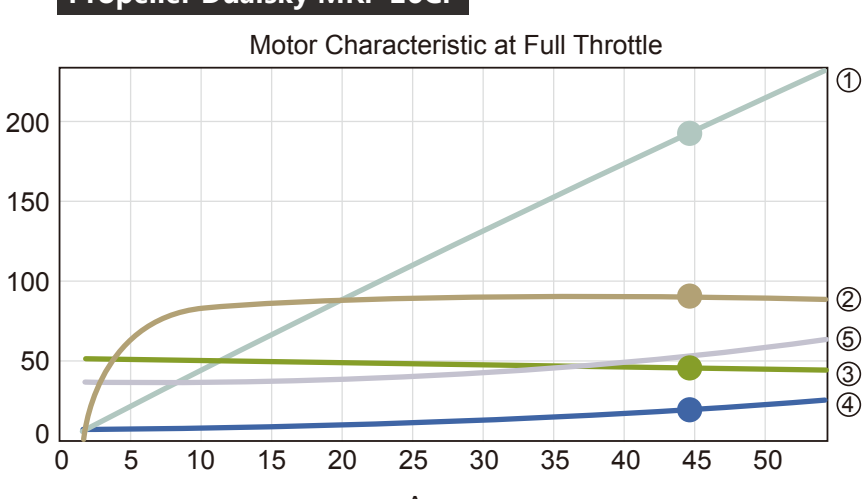
Motor @ Optimum Efficiency

最佳效率

Current(电流):	32.39A
Voltage(电压):	43.51V
Revolutions(转速):	4813rpm
Electric Power(输入功率):	1409.1W
Mech. Power(输出功率):	1274.1W
Efficiency(效率):	90.4%

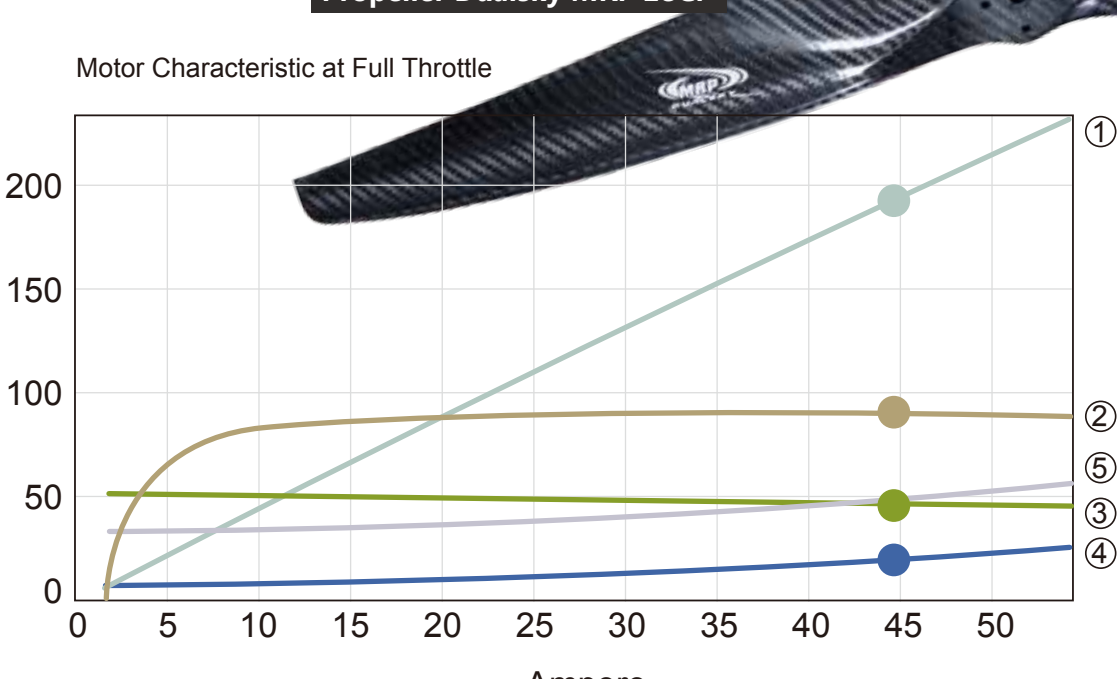
- ① el. Power [in 10W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]

Propeller Dualsky MRP 26CF



Voltage (V)	Propeller (RPM)	Throttle (%)	Current (DC) (A)	Volage (DC) (V)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
44.4V (12S LIPO)	1500	30	1.6	44.4	71.9	80.8	1029	14.3
	1800	36	2.7	44.3	118.6	84.6	1481	12.5
	2100	42	4.1	44.3	183.3	87	2016	11.0
	2400	49	6.1	44.2	269.1	88.4	2633	9.8
	2700	55	8.6	44.2	379.2	89.3	3332	8.8
	3000	61	11.7	44.1	517	89.9	4114	8.0
	3300	68	15.6	44	685.8	90.2	4979	7.3
	3600	75	20.3	43.9	888.9	90.3	5924	6.7
	3900	82	25.9	43.7	1129.9	90.4	6953	6.2
	4200	89	32.5	43.6	1412.1	90.3	8064	5.7
	4500	96	40.2	43.4	1739.2	90.2	9258	5.3
	4671	100	45.3	43.3	1954.4	89.9	9977	5.1

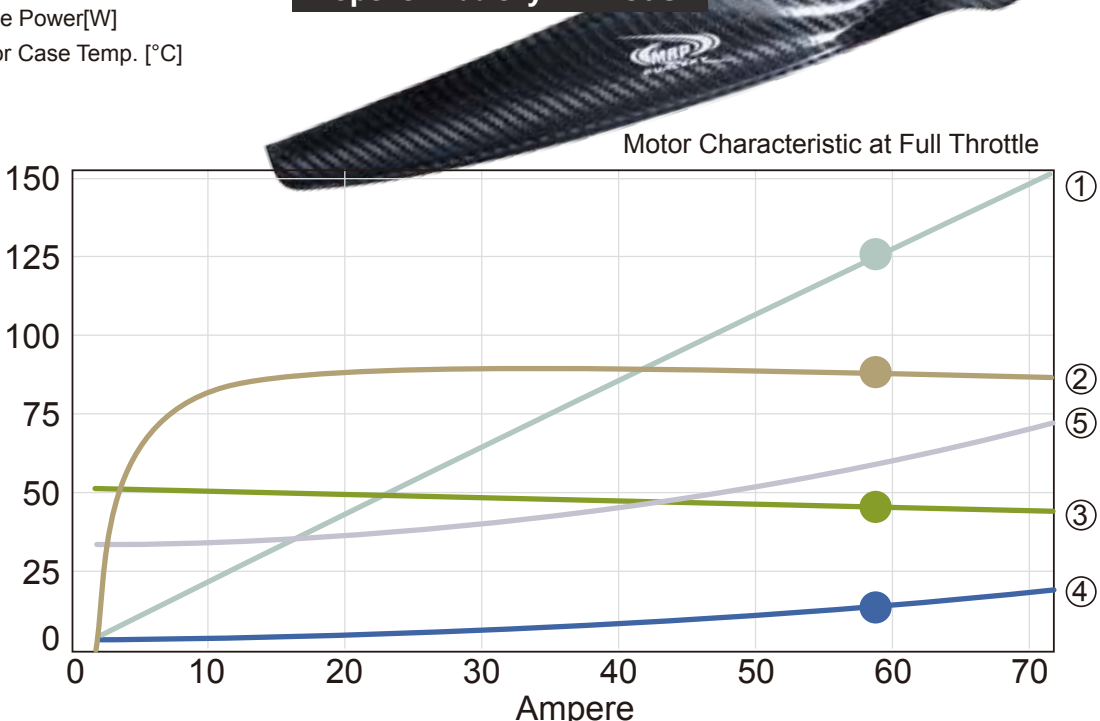
Propeller Dualsky MRP 28CF



Voltage (V)	Propeller (RPM)	Throttle (%)	Current (DC) (A)	Volage (DC) (V)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
44.4V (12S LIPO)	1800	36	2.8	44.3	124	86.2	1701	13.7
	2100	43	4.3	44.3	192	88	2352	12.1
	2400	49	6.4	44.2	282	89.1	3024	10.7
	2700	56	9.0	44.1	397	89.6	3828	9.6
	3000	62	12.3	44	542	89.9	4726	8.7
	3300	69	16.5	43.9	724	90	5718	7.9
	3600	76	21.5	43.8	942	90	6804	7.2
	3900	83	27.5	43.6	1197	89.9	7986	6.7
	4200	90	34.6	43.4	1501	89.7	9261	6.2
	4500	98	42.8	43.1	1846	89.4	10632	5.8
	4581	100	45.6	43.1	1964	89.1	11017	5.6

- ① el. Power [in 20W]
- ② Efficiency [%]
- ③ max. Revolutions [in 100rpm]
- ④ waste Power[W]
- ⑤ Motor Case Temp. [°C]

Propeller Dualsky MRP 30CF



Voltage (V)	Propeller (RPM)	Throttle (%)	Current (DC) (A)	Volage (DC) (V)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
44.4V (12S LIPO)	1500	30	2.3	44.3	102	85.9	1634	16.1
	1800	37	3.9	44.3	171	87.8	2353	13.8
	2100	43	6.2	44.2	272	88.8	3203	11.8
	2400	50	9.1	44.1	401	89.1	4184	10.4
	2700	57	13.0	44	574	89.2	5297	9.2
	3000	64	18.0	43.8	787	89	6539	8.3
	3300	71	24.1	43.7	1054	88.7	7911	7.5
	3600	79	31.6	43.4	1370	88.3	9416	6.9
	3900	87	40.6	43.2	1753	87.9	11050	6.3
	4200	95	51.4	42.8	2201	87.4	12816	5.8
	4378	100	59.0	42.6	2515	86.9	13928	5.5