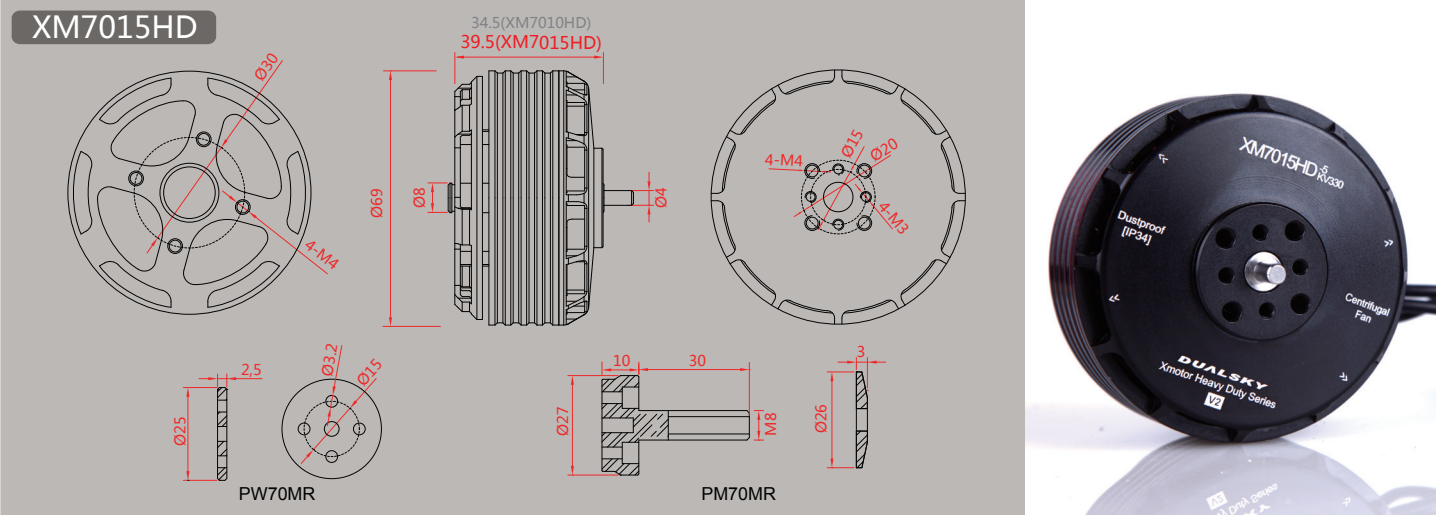


Dimensions



Specification

2nd Generation Heavy duty series for Multi-copter	XM7015HD-5	XM7015HD-11
Item NO. (商品编码)	51450	51451
RPM/V (KV) (KV值)	330	150 High Voltage
Weight w/o wires(g) (重量)	350	350
Diameter(mm) (直径)	69	69
Length(mm) (长度)	39.5	39.5
Diameter of Shaft(mm) (轴径)	IN:8.0, Out:4.0	IN:8.0, Out:4.0
Propeller mounting holes [Pitch, Size] (mm) (桨安装孔距)	(A)15mm, 4-M3 (B)20mm, 4-M4	(A)15mm, 4-M3 (B)20mm, 4-M4
Motor mounting holes [Pitch, Size] (mm) (马达安装孔距)	30mm, 4-M4	30mm, 4-M4
Slots,Poles (极数)	24, 28	24, 28
Idle Current(Io) @10V(A) (空载电流)	1.8	0.6
Resistance(Ri)(mOhm) (电阻)	42	98
Nominal Voltage(V) (额定电压)	22.2V, 6S Lipo	30-51V, 10-12S Lipo
Cruising power(W)[30 mins] (巡航功率)	810	1020
Bursts current(A)[30s] (最大电流)	67	42
Peak power(W)[30s] (峰值功率)	1480	1850
Input Wire (线规格)	16AWG, 800mm	16AWG, 800mm
Recommended ESC (调速器)	PCU 60	PCU 80HV
Propeller (螺旋桨配置)	MRP 20"	MRP 20-22"
Propeller adapters (螺旋桨适配器)	Yes	Yes
Centrifugal fan (离心式风扇设计)	Yes	Yes
Dynamic balanced rotor (转子动平衡)	Yes	Yes
Heavy duty design (大负载设计)	Yes	Yes
Water & dust proof (防水防尘)	Yes (IP34)	Yes (IP34)
Maintenance free (免维护)	Yes	Yes
Weight of Quad-copter(kg) (4轴重量)	9.0	11.3
Weight of Hex-copter(kg) (6轴重量)	13.5	17.0
Weight of Oct-copter(kg) (8轴重量)	18.1	22.7
Memo (备注)	For business aerial photography and agriculture spray	

XM7015HD (330KV)

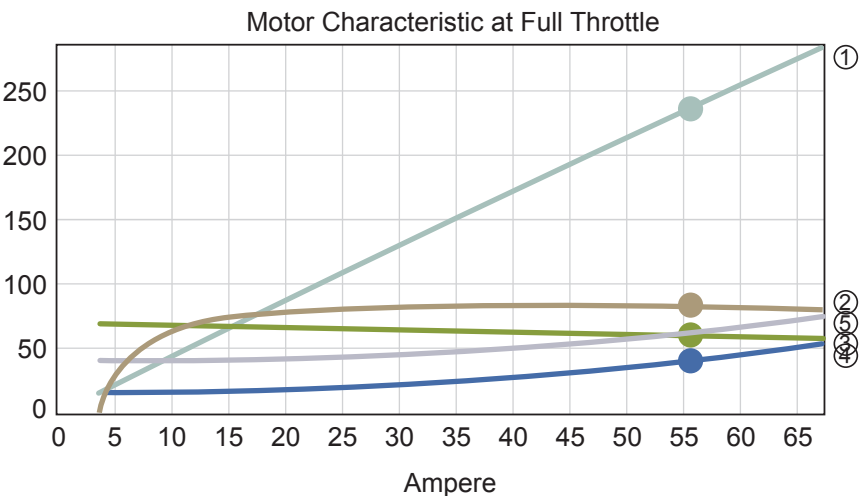
Motor @ Optimum Efficiency

最佳效率

Current(电流):	38.52A
Voltage(电压):	21.63V
Revolutions(转速):	6327rpm
Electric Power(输入功率):	833.1W
Mech. Power(输出功率):	698.7W
Efficiency(效率):	83.9%

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

Propeller Dualsky MRP 20X6



Voltage (V)	Propeller (RPM)	Throttle (%)	Current (DC) (A)	Volage (DC) (V)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
22.2V (6S LIPO)	2000	30	2.2	22.2	49.5	75	641	13.0
	2400	36	3.7	22.2	81.2	79	923	11.4
	2800	43	5.7	22.1	125.1	81.5	1257	10.0
	3200	49	8.3	22.1	183.4	82.9	1641	8.9
	3600	56	11.8	22.1	258.6	83.7	2077	8.0
	4000	63	16.1	22	353.1	84.1	2564	7.3
	4400	70	21.5	21.9	469.2	84.3	3102	6.6
	4800	77	28	21.8	609.5	84.2	3692	6.1
	5200	85	35.9	21.7	776.6	84	4333	5.6
	5600	92	45.2	21.6	973.1	83.8	5026	5.2
	5970	100	56.1	21.5	1199	82.7	5712	4.8

XM7015HD (150KV High Voltage)

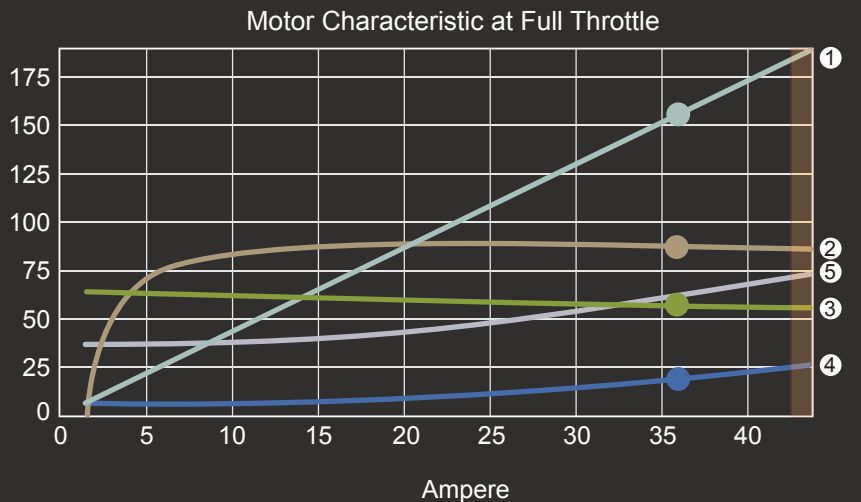
Motor @ Optimum Efficiency

最佳效率

Current(电流):	22.95A
Voltage(电压):	43.77V
Revolutions(转速):	5992rpm
Electric Power(输入功率):	1004.4W
Mech. Power(输出功率):	891.2W
Efficiency(效率):	88.7%

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

Propeller Dualsky MRP 22X7



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)	2000	32	1.6	44.4	71	83.9	930	13.2
	2400	39	2.7	44.3	118	86.4	1339	11.3
	2800	46	4.2	44.3	185	87.8	1822	9.8
	3200	53	6.2	44.2	274	88.5	2380	8.7
	3600	60	8.8	44.2	389	88.8	3012	7.7
	4000	67	12.1	44.1	533	88.9	3718	7.0
	4400	74	16.2	44	710	88.8	4499	6.3
	4800	82	21.1	43.9	924	88.6	5354	5.8
	5200	90	27	43.7	1179	88.3	6283	5.3
	5600	98	34	43.5	1478	87.9	7288	4.9
	5715	100	36.5	43.5	1584	87.5	7591	4.8