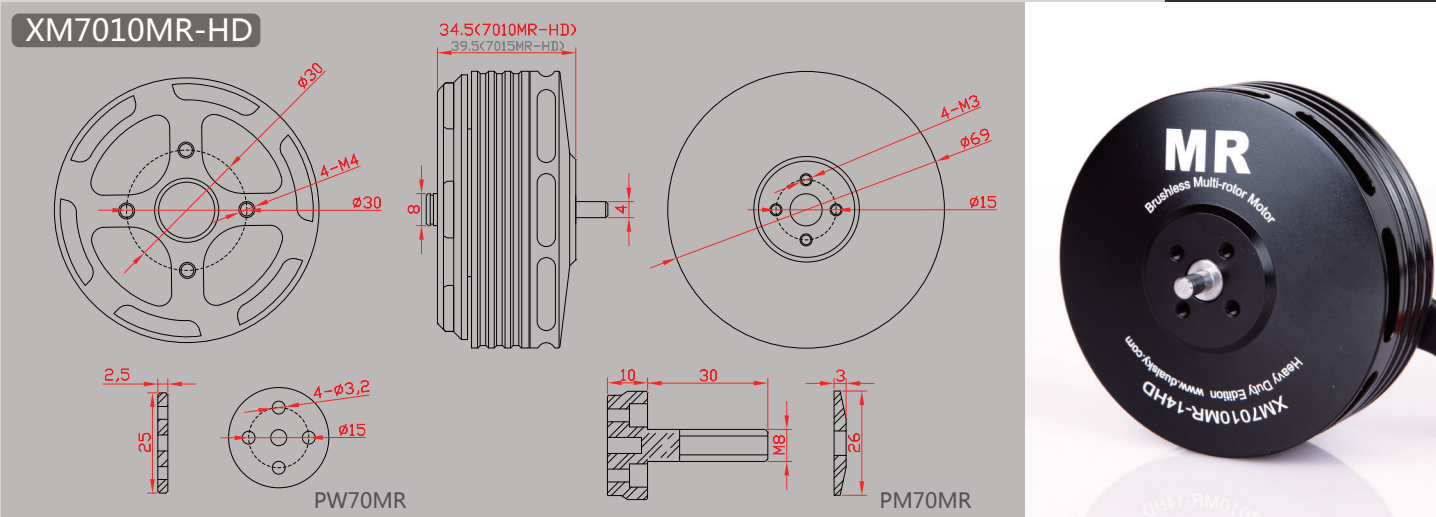


Dimensions



Specification

Heavy duty motor for Multi-Rotor	XM7010MR-8HD
Item NO. (商品编码)	51307
RPM/V (KV值)	175RPM/V
Weight w/o wires (重量)	255g
Diameter (直径)	69mm
Length (长度)	34.5mm
Diameter of Shaft (轴径)	IN:8.0mm, Out:4.0mm
Propeller mounting holes[Pitch, Size] (桨安装孔间距)	15mm, 4-M3
Motor mounting holes [Pitch, Size] (马达安装孔间距)	30mm, 4-M4
Slots,Poles (极数)	24, 28
Idle Current(Io) @10V (空载电流)	0.5A
Resistance(Ri) (电阻)	120mOhm
Nominal Voltage (额定电压)	30-51V, 10-12S Lipo
Cruising power[30 mins] (巡航功率)	780W
Bursts current[30s] (最大电流)	32A
Peak power[30s] (峰值功率)	1400W
Input Wire (输入线)	16AWG, 800mm
Recommended ESC (推荐调速器)	PCU 80HV
Propeller (螺旋桨配置)	MRP 18x5, Max thrust 6.3kg MRP 20x6, Max thrust 8.0kg
Propeller adapters (桨适配器)	Yes
Centrifugal fan (离心式风扇)	Yes
Dynamic balanced rotor (动平衡转子)	Yes
High heavy design (高重设计)	Yes
Water & duty proof (防水防尘)	Yes (IP34)
Maintenance free (免费维修)	Yes
Weight of Quad-copter (四旋翼重量)	8.6kg
Weight of Hex-copter (六旋翼重量)	13kg
Weight of Oct-copter (八旋翼重量)	17kg

XM7010HD (175KV)

Voltage (V) 工作电压	Propeller 螺旋桨	Throttle(%) 油门	Thrust(g) 拉力	Ampere(A) 电流	Power(W) 功率	g/W 效率
44.4V (12S LIPO)	MRP 18×5	50%	3320	9.6	426.0	7.8
		60%	4520	15.8	700.2	6.5
		70%	6060	23.3	1033.4	5.9
		85%	6160	23.8	1054.5	5.8
		100%	6333	25.0	1109.3	5.7
	MRP 20×6	50%	4230	12.5	556.8	7.6
		60%	6030	21.6	957.5	6.3
		70%	7410	31.6	1404.6	5.3
		85%	7600	33.8	1501.6	5.1
		100%	8020	34.1	1514.3	5.3