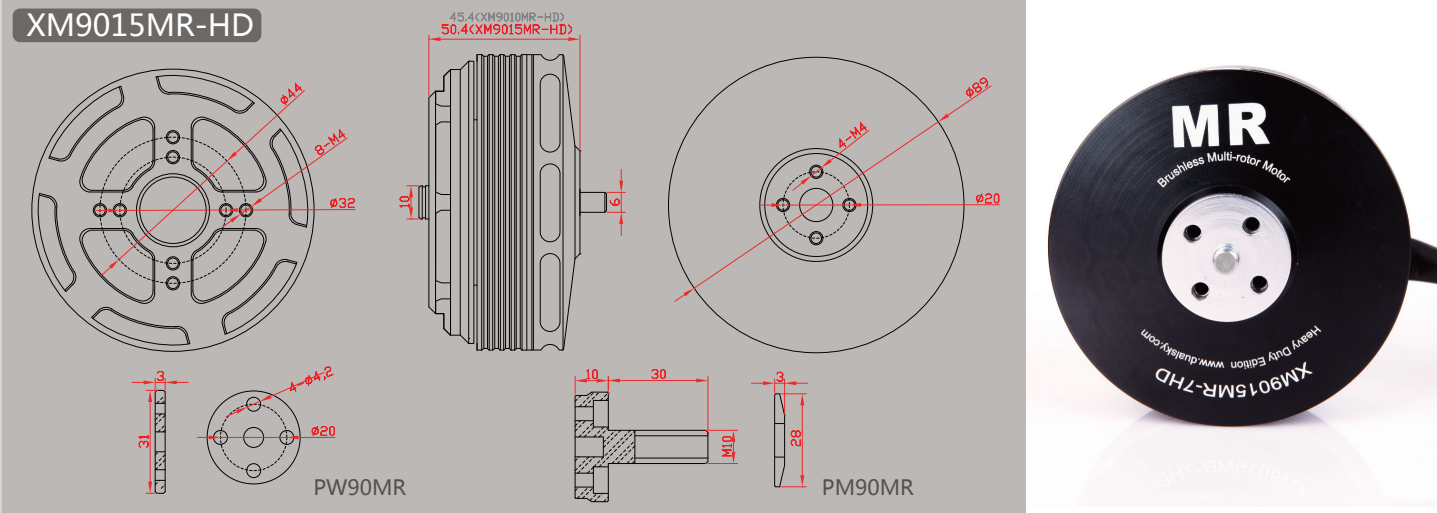


Dimensions



Specification

Heavy duty motor for Multi-Rotor	XM9015MR-7HD	XM9015MR-10HD
Item NO. (商品编码)	51320	51412
RPM/V (KV值)	170	120
Weight w/o wires (g) (重量)	620	620
Diameter (mm) (直径)	89	89
Length (mm) (长度)	50.4	50.4
Diameter of Shaft (mm) (轴径)	IN:10.0, Out:6.0	IN:10.0, Out:6.0
Propeller mounting holes [Pitch, Size] (mm) (桨安装孔间距)	20mm, 4-M4	20mm, 4-M4
Motor mounting holes [Pitch, Size] (mm) (马达安装孔间距)	(A)32mm, 4-M4, (B)44mm, 4-M4	(A)32mm, 4-M4, (B)44mm, 4-M4
Slots,Poles (极数)	24, 28	24, 28
Idle Current(Io) @10V(A) (空载电流)	1.6	0.9
Resistance(Ri)(mOhm) (电阻)	55	80
Nominal Voltage(V) (额定电压)	30-51V, 10-12S Lipo	30-51V, 10-12S Lipo
Cruising power(W)[30mins] (巡航功率)	1730	1480
Bursts current(A)[30s] (最大电流)	71	60
Peak power(W)[30s] (峰值功率)	3150	2700
Input Wire (输入线)	14AWG, 1000mm	14AWG, 1000mm
Recommended ESC (推荐调速器)	PCU 80HV	PCU 80HV
Propeller (螺旋桨配置)	MRP 18x5, Max thrust 7.0kg MRP 20x6, Max thrust 9.4kg MRP 22x7, Max thrust 12.1kg	MRP 22x7, Max thrust 7.6kg MRP 24x8, Max thrust 10.3kg
Propeller adapters (桨适配器)	Yes	Yes
Centrifugal fan (离心式风扇)	Yes	Yes
Dynamic balanced rotor (动平衡转子)	Yes	Yes
High heavy design (高重设计)	Yes	Yes
Water & duty proof (防水防尘)	Yes (IP34)	Yes (IP34)
Maintenance free (免费维修)	Yes	Yes
Weight of Quad-copter(kg) (四旋翼重量)	19	16.5
Weight of Hex-copter(kg) (六旋翼重量)	29	25
Weight of Oct-copter(kg) (八旋翼重量)	38	33

XM9015HD (170KV)

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%	3750	14.4	641.1	5.8
		60%	4930	20.2	898.4	5.5
		70%	6700	29.8	1324.5	5.1
		85%	6900	31.9	1417.2	4.9
		100%	7000	32.0	1421.5	4.9
	MRP 20×6	50%	4660	17.3	767.7	6.1
		60%	6740	27.8	1235.9	5.5
		70%	8960	41.5	1843.3	4.9
		85%	9460	44.7	1986.7	4.8
		100%	9400	44.4	1969.8	4.8
	MRP 22×7	50%	6160	23.3	1033.4	6.0
		60%	8510	36.7	1628.1	5.2
		70%	11060	54.5	2421.1	4.6
		85%	11800	59.3	2632.0	4.5
		100%	12130	59.9	2657.3	4.6

XM9015HD (120KV)

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 22×7	50%	2710	6.6	291.0	9.3
		60%	3460	8.7	388.1	8.9
		70%	4320	12.6	561.0	7.7
		85%	6840	21.9	970.1	7.1
		100%	7610	26.7	1185.3	6.4
	MRP 24×8	50%	3650	8.3	367.0	9.9
		60%	4920	12.4	548.3	9.0
		70%	6100	17.8	788.8	7.7
		85%	8380	30.5	1354.0	6.2
		100%	10310	37.8	1678.8	6.1