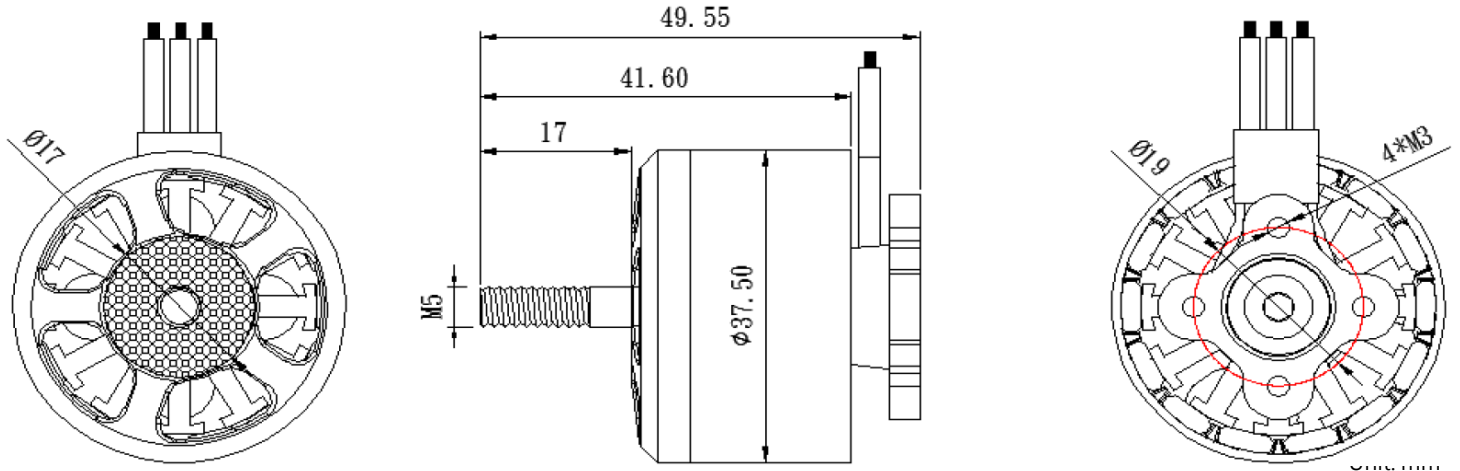


FPV Motor

G-M3115KV910

Featuring a 910KV rating and a compact motor size, the G-M3115KV910 FPV motor is engineered for high performance and reliability. It ensures durability and easy integration. The G-M3115KV910 supports 6S LiPo batteries and handles up to 62.7A of maximum current. Precision engineering ensures low idle current, high insulation resistance, and excellent dynamic balance (<6 mg) for smooth, stable flight performance. It provides strong power output and agile response, allowing users to fly with ease.



Specifications

KV	910KV	Configuration	12N14P
Stator Dimension (mm)	31.00	Motor Dimension (mm)	Ø37.5*49.55
AWG	16# 290mm	Stator Height (mm)	15mm
Weight Including cable (g)	126.80	Magnet	N54H
Internal Resistance (mΩ)	38.00	Idle Current @12.6V (A)	1.90A/12.6V
No. of Cells (Lipo) (S)	6S	ESC	6S 65A
Max Power (W)	1293.7	Propeller	10x5"
Max Current (A)	62.7	Insulation Resistance	>=0.5MΩ
Dynamic Balance Requirement Standards	<=6mg	Coil Test	PASS

Load Test Data

Propeller	Throttle (%)	Voltage (V)	Current (A)	Input Power (W)	Speed (RPM)	Thrust (g)	Torque (N-m)	Efficiency (g/W)
HQ1050-3	20	25.1	1.73	43	3791	290	0.061	6.68
	30	25.0	4.25	106	5521	633	0.118	5.96
	40	24.8	8.73	217	7100	1097	0.195	5.06
	50	24.6	15.30	377	8547	1637	0.284	4.34
	60	24.4	23.75	579	9795	2179	0.374	3.76
	70	24.0	34.85	837	10891	2742	0.469	3.28
	80	23.6	46.26	1093	11799	3214	0.549	2.94
	90	23.2	60.16	1395	12525	3820	0.639	2.69
	100	22.7	76.97	1749	13099	4267	0.741	2.44