

M8110 HighProt Motor Specification

Specification I

Model	M8110 HighProt-95/110KV	Protection level	IP45
Motor size	Φ87.1*H28.9 mm	Slot & Pole	36N42P
Stator size	Φ81*H10 mm	Dynamic balance	≤10 mg
Stator process	High standard silicon steel sheet, rust proof, 180°C high temperature resistance paint-coat	Bearing	Water proof bearing
Enamelled wire	220 °C	Motor axle diameter	shaft sleeve Φ10 mm
Magnet	180 °C	Props mounting dimensions	4×M4@D23 mm, 4×M3@D20 mm
Isolation test	500V AC high voltage resistance test	Motor mounting dimensions	4×M4@D36 mm
Rated output power (Max continuous)	340 W		

Specification II

KV	95 KV	110 KV
Battery (LiPo)	LiPo-12S	LiPo-12S
No-load current	1.1 A	1.27 A
Maximum current (Non-hermetic Ambient Temperature ≤ 25°C)	43.2 A	39.2 A
Max thrust	11.3 kg	11 kg
Resistance	132.9 mΩ	112.3 mΩ
Wire size	16 AWG	16 AWG
Three-phase wires length	100 mm	100 mm
Weight (With cable)	315 g	317 g