C10030 Motor Specification

Specification Ⅰ

Model	C10030-90KV	Protection level	IPX5
Motor size	Φ110*H88.2 mm	Slot & Pole	24N28P
Stator size	Φ100*H30 mm	Dynamic balance	≤25 mg
Stator process	High standard silicon steel sheet, rust proof, 180℃ high temperature resistance paint-coat	Bearing	Water proof bearing
Enamelled wire	240 ℃	Motor axle diameter	Φ12 mm
Magnet	140 ℃	Props mounting dimensions	6×M5@D29 mm, 6×M5@D30 mm
Isolation test	1000V AC high voltage resistance test	Motor mounting dimensions	4×M6@D55 mm
Rated output power (Max continuous)	1800 W		

Specification Ⅱ

KV	90 KV
Battery (LiPo)	LiPo-24S (92V)
No-load current	≤7.5 A
Maximum current (Non-hermetic Ambient Temperature ≤ 25℃)	147 A
Max power	13500 W
Rated thrust	10~12 kg (92V@28x13)
Max thrust	36.8 kg (92V@28x13)
Resistance	12.87~13.66 mΩ
Wire size	Enameled wire direct lead-out
Three-phase wires length	100 mm
Magnetic encoder cable length	130 mm
Weight (With cable)	1672 g