

C10040 Motor Specification

Specification I

Model	C10040-90KV	Protection level	IPX5
Motor size	Φ110*H98.2 mm	Slot & Pole	24N28P
Stator size	Φ100*H40 mm	Dynamic balance	≤25 mg
Stator process	High standard silicon steel sheet, rust proof, 180°C high temperature resistance paint-coat	Bearing	Water proof bearing
Enamelled wire	240 °C	Motor axle diameter	Φ12 mm
Magnet	140 °C	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)	2130 W		

Specification II

KV	90 KV
Battery (LiPo)	LiPo-24S (92V)
No-load current	≤7.9 A
Maximum current (Non-hermetic Ambient Temperature ≤ 25°C)	144 A
Rated thrust	12~14 kg (92V@29x12)
Max thrust	39 kg (92V@29x12)
Resistance	10.46~11.11 mΩ
Wire size	Enameled wire direct lead-out
Three-phase wires length	100 mm
Magnetic encoder cable length	130 mm
Weight (With cable)	2044 g