

C8030 Motor Specification

Specification I

Model	C8030-160KV	Protection level	IPX5
Motor Size	Φ89.1*H69.5mm	Slot& Pole	24N28P
Stator Size	80x30mm	Dynamic balance	≤20mg
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	Φ10mm
Magnet	180℃	Props mounting dimensions	4×M3@D20mm & 8×M5@D30mm
Isolation test	500V AC high voltage resistance test	Motor mounting dimensions	4×M5@D45mm
Rated power input	1700 W	Rated power output	1430 W

Specification II

KV	160KV
Battery(LiPo)	LiPo-12S (48V)
No-load current	6A
Maximum current (non-hermetic ambient temperature ≤ 25℃)	201A
Rated thrust	10kg (48V@27x12)
Max thrust	30.4kg (48V@27x12)
Resistance	7.7mΩ
Wire Size	enameled wire direct lead-out
Three-phase wires length	100mm
Magnetic encoder cable length	130mm
Weight (with wires)	1115g