

C8020 Motor Specification

Specification I

Model	C8020-180KV	Protection level	IPX5
Motor Size	Φ89.1*H59.5mm	Slot & Pole	24N28P
Stator Size	80x20mm	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	1270W	Rated power output	1060W

Specification II

KV	180KV
Battery(LiPo)	LiPo-12S (48V)
No-load current	5A
Maximum current (non-hermetic ambient temperature ≤ 25℃)	189A
Rated thrust	7.5kg (48V@25x10)
Max thrust	22.6kg (48V@25x10)
Resistance	11.2mΩ
Wire Size	enameled wire direct lead-out
Three-phase wires length	100mm
Magnetic encoder cable length	130mm
Weight (with wires)	834g