

M5208 HighProt Motor Specification

Specification I

Model	M5208 HighProt-320/380KV	Protection level	IP45
Motor size	Φ58*H29.8 mm	Slot & Pole	24N28P
Stator size	Φ52*H8 mm	Dynamic balance	≤8 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	Φ4 mm
Magnet	180 °C	Props mounting dimensions	4×M3@D12 mm, 4×M3@D18 mm
Isolation test	500V AC high voltage resistance test	Motor mounting dimensions	4×M3@D25 mm
Rated output power (Max continuous)	127.5 W		

Specification II

KV	320 KV	380 KV
Battery (LiPo)	LiPo-6S	LiPo-6S
No-load current	1.5 A	1.8 A
Maximum current (Non-hermetic Ambient Temperature ≤ 25°C)	55 A	45 A
Max thrust	5.4 kg	5.2 kg
Resistance	55.8 mΩ	43.4 mΩ
Wire size	16 AWG	16 AWG
Three-phase wires length	80 mm	80 mm
Weight (With cable)	166 g	165.5 g