

## C8030 电机技术参数

### 基础参数 Specification I

|  |   |                                      |                                |
|--|---|--------------------------------------|--------------------------------|
| 产品型号<br>Model  | C8030-190KV   | 防尘防水等级<br>Protection level           | IPX5                           |
| 电机尺寸<br>Motor size                                     | Φ89.1*H69.5 mm  | 槽极数<br>Slot & Pole                   | 24槽28极<br>24N28P               |
| 定子尺寸<br>Stator size                                    | Φ80*30 mm   | 电机整体动平衡标准<br>Dynamic balance         | ≤20 mg                         |
| 定子工艺<br>Stator process                                 | 高品质硅钢片, 防锈处理, 耐180°C高温涂覆<br>High standard silicon steel sheet, rust proof, 180°C high temperature resistance paint-coat | 轴承型号<br>Bearing                      | 高品质防水轴承<br>Water proof bearing |
| 漆包线等级<br>Enamelled wire                                | 240 °C  | 出轴轴径<br>Motor axle diameter          | Φ10 mm                         |
| 磁铁等级<br>Magnet   | 180 °C  | 桨叶安装孔尺寸<br>Props mounting dimensions | 4×M3@D20 mm, 8×M5@D30 mm       |
| 线圈绝缘测试<br>Isolation test                               | 500V交流耐压测试<br>500V AC high voltage resistance test  | 电机安装孔尺寸<br>Motor mounting dimensions | 4×M5@D45 mm                    |
| 额定输出功率 (最大持续功率)<br>Rated output power (Max continuous) | 1620 W  |                                      |                                |

### 技术参数 Specification II

|  |  |
|--|--|
| KV值<br>KV  | 190 KV                                 |
| 额定电压<br>Battery (LiPo)   | LiPo-12S (48V)                         |
| 空载电流<br>No-load current  | 7 A                                    |
| 最大电流/A (非密闭环境温度 ≤25 °C)<br>Maximum current (non-hermetic ambient temperature ≤ 25°C) | 197 A                                  |
| 额定拉力<br>Rated thrust   | 10 kg (48V@25x10)                      |
| 最大拉力<br>Max thrust   | 24.7 kg (48V@25x10)                    |
| 相间内阻<br>Resistance   | 6.7 mΩ                                 |
| 出线规格<br>Wire size  | 漆包线直出<br>Enameled wire direct lead-out |
| 三相线出线长度<br>Three-phase wires length  | 100 mm                                 |
| 磁编出线长度<br>Magnetic encoder cable length  | 130 mm                                 |
| 电机重量 (含线)<br>Weight (with cable)   | 1126g                                  |