



## 130BLF直流无刷电机

### 一、电气性能

|                         |        |                                 |                   |
|-------------------------|--------|---------------------------------|-------------------|
| 绕组方式Winding Type        | 星形Star | 工作环境温度Ambient Temperature Range | -20C~+50°C        |
| 霍尔电位角度Hall Effect angle | 120°   | 绝缘电阻Insulation Resistance       | 100MΩMin 500VC DC |
| 绝缘等级Insulation Class    | B级绝缘   | 介电强度Dielectric Strength         | 700V AC 1 minute  |

### 二、技术数据

| 型号Model                              | 130BLF 115-630 | 130BLF 140-630 | 1300BLF 190-630 |
|--------------------------------------|----------------|----------------|-----------------|
| 极数Number of poles                    | 10             |                |                 |
| 相数Number of phases                   | 3              |                |                 |
| 额定电压Nominal voltage VDC              | 310            |                |                 |
| 额定转速Rated speed RPM                  | 3000           |                |                 |
| 额定扭矩Rated torque N-M                 | 2.39           | 4.77           | 11.94           |
| 额定电流Rated current Amps               | 2.8            | 5.7            | 9.5             |
| 输出功率Output power W                   | 750            | 1500           | 2500            |
| 峰值扭矩Peak torque N-M                  | 7.1            | 14             | 35              |
| 峰值电流Peak current Amps                | 8.5            | 17             | 28              |
| 力矩常数Torque constant N-M/A            | 0.85           | 0.82           | 1.25            |
| 转动惯量Rotor inertia Kg-mm <sup>2</sup> | 5.9            | 9.7            | 19.7            |
| 机身长度Body length mm                   | 115            | 140            | 190             |
| 重量Mass Kg                            | 6.1            | 7              | 11              |

### 三、外形图

