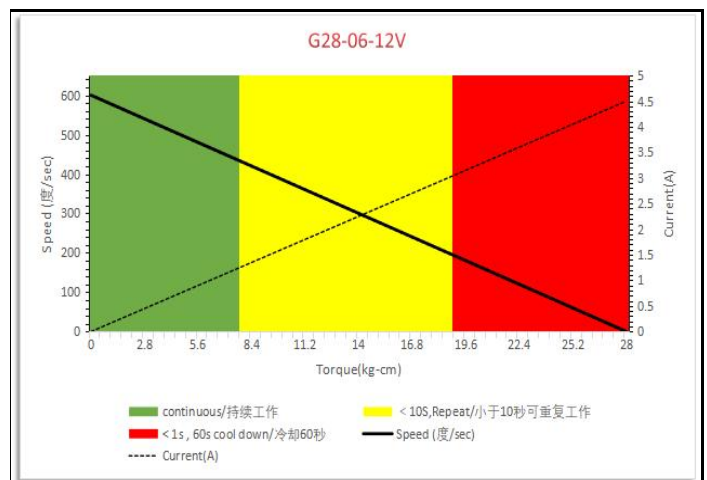



## 一、舵机参数 Data

|                           |                                     |
|---------------------------|-------------------------------------|
| 电压范围<br>Voltage           | DC8.4-12.8V                         |
| 额定电压<br>Rated Voltage     | DC-12V                              |
| 工作频率<br>Working frequency | 760us/400Hz                         |
| 使用温度<br>Temperature       | -10°C — +60°C                       |
| 运行方向<br>Mapping Direction | 顺时针/逆时针√ (可调)<br>CW/CCW√ (optional) |
| 运行角度<br>Operation Angle   | ≧90° 总行程 travel                     |
| 空载速度<br>No load speed     | 600° /sec<br>0.06sec/60°            |
| 堵转扭矩<br>Stall Torque      | 28kgf. cm                           |
| 额定扭矩<br>Rated Torque      | 7.0kgf. cm                          |
| 堵转电流<br>Stall Ccurrent    | 4.5A                                |
| 电机类型<br>motor             | 无刷电机 brushless motor                |
| 定位类型<br>Potentiometer     | 电位器 potentiometer                   |
| 齿轮材料<br>Gear              | SUS303                              |
| 线材/长度<br>Wiring           | 60 wiring股线/330mm                   |
| 外形尺寸<br>meas              | 40.5mmx20mmx38.6mm                  |
| 轴承<br>Bearing             | 2BB                                 |
| 重量<br>Weight              | 80g ±1g                             |

## 二、性能曲线 Performance curve



## 三、引脚定义 terminal

|                 |   |
|-----------------|---|
| 橙色Orange: PWM信号 |  |
| 红色Red: 电源+      |   |
| 棕色Brown: 电源-    |   |
|                 |   |
|                 |   |
|                 |   |

## 四、指令信号 PWM信号

|                       |   |
|-----------------------|---|
| 信号电压电平<br>Signal      | HIGH: min. 3.3V, max. 5.0<br>VLow: min. 0.0V, max. 1.5V |
| 脉冲范围<br>Pulse         | 450us — 1050us  |
| 脉冲对应角度<br>Pulse/angle | 500us/750us/1000us<br>≧ (-45° / 0° / 45°)               |