



| Rated Voltage  | Power  | Rated Torque | Maximum Torque            | Rated Speed | Maximum Speed  | Rated Phase Current | Max Phase Current | Power Wire |              |              | Signal Wire  |        |        |        |        |     | Temperature Sensor |            |            |              |              |
|----------------|--------|--------------|---------------------------|-------------|----------------|---------------------|-------------------|------------|--------------|--------------|--------------|--------|--------|--------|--------|-----|--------------------|------------|------------|--------------|--------------|
| 24VDC          | 150W   | 6.5N.m       | 13N.m                     | 200RPM      | 260RPM         | 4A                  | 8A                | Pin        | 1            | 2            | 3            | Pin    | 5      | 4      | 3      | 2   | 1                  | 8          | 7          | NC           | NC           |
| Wheel Diameter | Weight | Shaft Type   | Encoder                   | Tire        | Brake Type     | Protection Level    | Suggested Load    | Color      | Blue         | Yellow       | Green        | Color  | Blue   | Green  | Yellow | Red | Black              | Purple     | White      | Brown        | Grey         |
| 170mm          | 3KG    | Single shaft | 1024-wire optical encoder | Rubber      | Electric brake | IP54                | 120KG             | Signal     | Power Wire W | Power Wire U | Power Wire V | Signal | Hall V | Hall U | Hall W | +5V | GND                | Encoder A+ | Encoder B+ | Thermistor + | Thermistor - |



|               |   |  |      |  |
|---------------|---|--|------|--|
| Design change | 1 |  | View |  |
|               | 2 |  |      |  |
|               | 3 |  |      |  |
|               | 4 |  | ERP: |  |

|            |       |  |
|------------|-------|--|
| Design:    | Date: | Company Name: <b>YTK Co., Ltd</b>                |
| Proofread: | Date: | Product Name: <b>Hub Servo Motor</b>             |
| Approve:   | Date: | Product P/N: <b>ZLLG65ASM250-L(Single shaft)</b> |