

外转子直流无刷电机 Outer Roter BLDC Motor

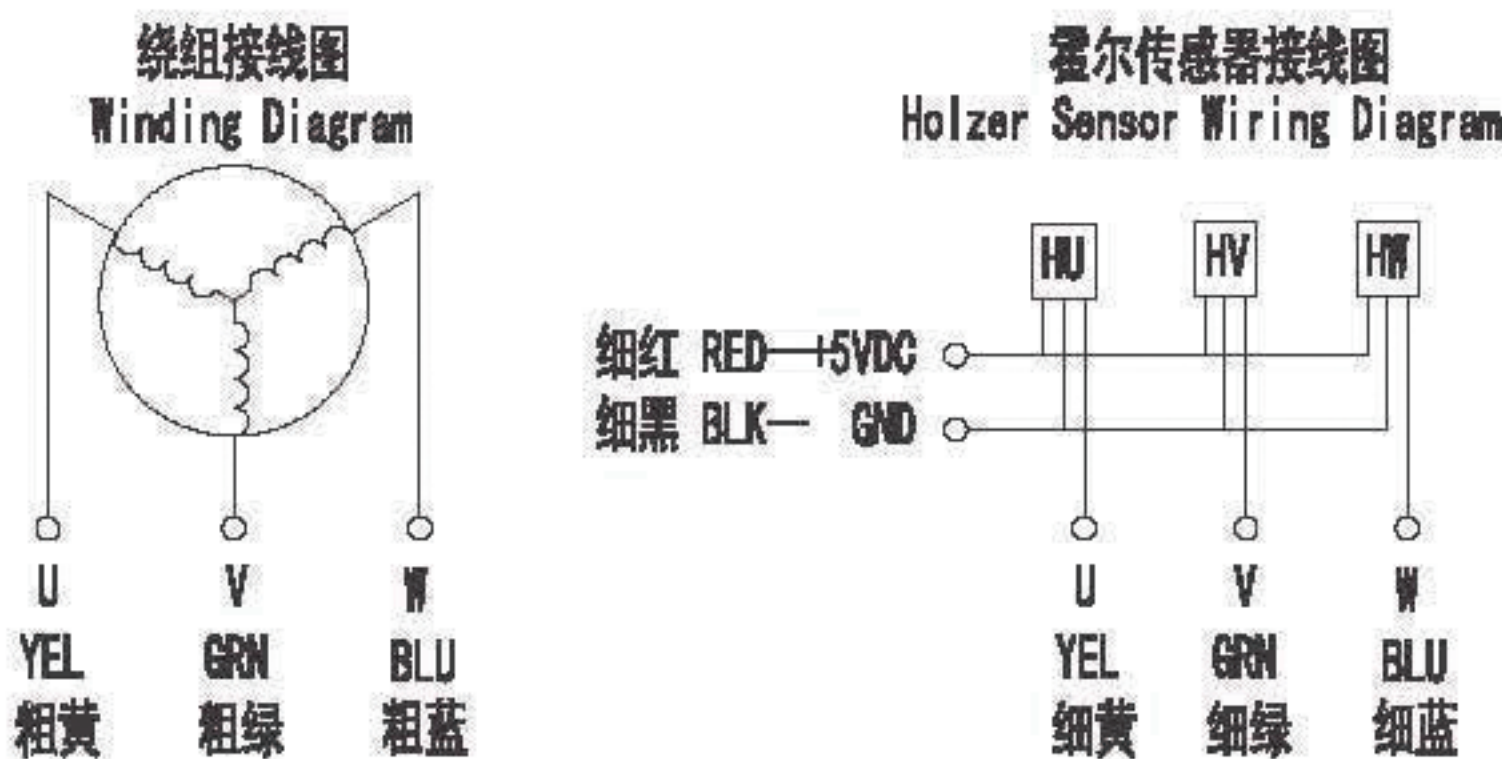
SIZE60 (○60mm) 外转子无刷电机 Outer Roter BLDC Motor -60EL Series

■ 技术数据 Electrical Specifications

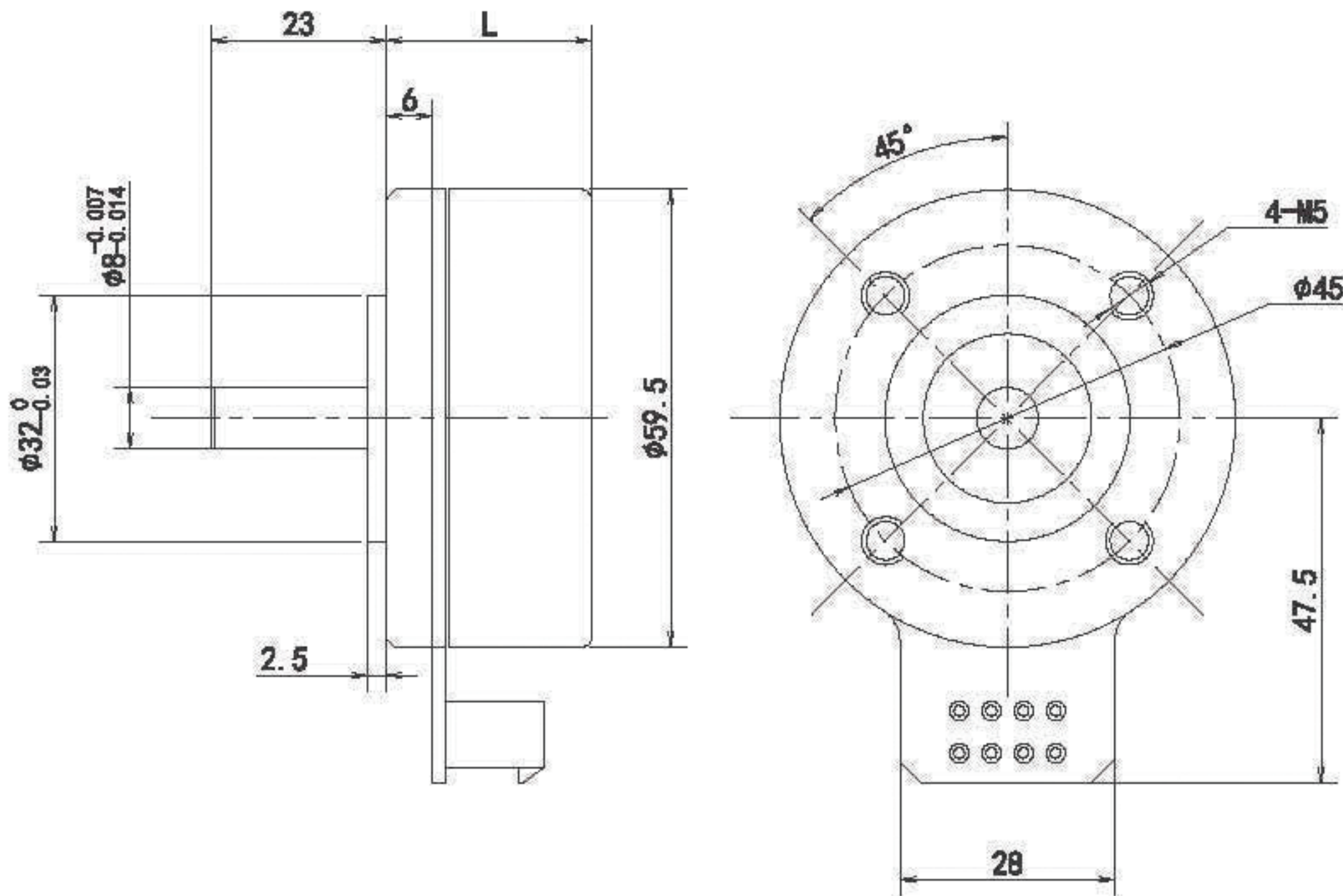
| 电机型号 Motor Model              | 60ELTH244530 | 60ELTH246030 | 60ELTH249030 | 产品 Product                                                                           |
|-------------------------------|--------------|--------------|--------------|--------------------------------------------------------------------------------------|
| 相数 Number of Phase            | 3            |              |              |  |
| 极数 Number of Poles            | 16           |              |              |                                                                                      |
| 额定电压 Rated Voltage(VDC)       | 24           |              |              |                                                                                      |
| 额定转速 Rated Speed(Rpm)         | 3000         |              |              |                                                                                      |
| 额定转矩 Rated Torque(N.m)        | 0.15         | 0.2          | 0.3          |                                                                                      |
| 额定功率 Rated Power(W)           | 45           | 60           | 90           |                                                                                      |
| 额定电流 Rated Current(A)         | 2.9          | 3.8          | 5.8          |                                                                                      |
| 峰值电流 Peak Current(A)          | 8.7          | 11.4         | 17.4         |                                                                                      |
| 峰值转矩 Peak Torque(N.m)         | 0.45         | 0.6          | 0.9          |                                                                                      |
| 转子惯量 Rotor Inertia(kg.cm²)    | 0.7          | 1.0          | 1.3          |                                                                                      |
| 转矩常数 Torque Constant(N.m/A)   | 0.05         | 0.05         | 0.05         |                                                                                      |
| 反电势常数 Torque Constant(V/krpm) | 4.5          | 4.5          | 4.5          |                                                                                      |
| 线间电阻 Line-Line Resistance(Ω)  | 0.7          | 0.45         | 0.2          |                                                                                      |
| 线间电感 Line-Line Inductance(mH) | 0.25         | 0.15         | 0.1          |                                                                                      |
| 机身长度 Length(mm)               | 26.3         | 31.3         | 36.3         |                                                                                      |
| 电机重量 Weight(kg)               | 0.3          | 0.4          | 0.5          |                                                                                      |

\*以上仅为代表性产品, 派生产品可根据客户要求制作 \*Note: We can manufacture products according to customer's requirements.

■ 接线图 Wiring Diagram



■ 外形图 Dimensions(单位Unit: mm)



混合式步进电机  
Hybrid Stepper Motor

步进伺服系统  
Step-Servo System

混合式直线电机  
Hybrid Linear Motor

行星减速步进电机  
Planetary Gearbox Stepper Motor

直流无刷电机  
Dc Brushless Motor

行星减速无刷电机  
Planetary Gearbox Brushless Motor

伺服电机  
Servo Motor

多极力矩伺服电机  
Multiple Torque Servo Motor

外转子直流无刷电机  
Out Roter BLDC Motor

电机驱动器系列  
Motor Drive Serier