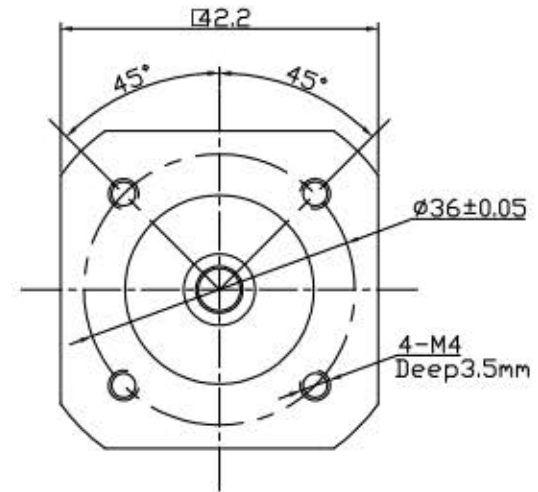
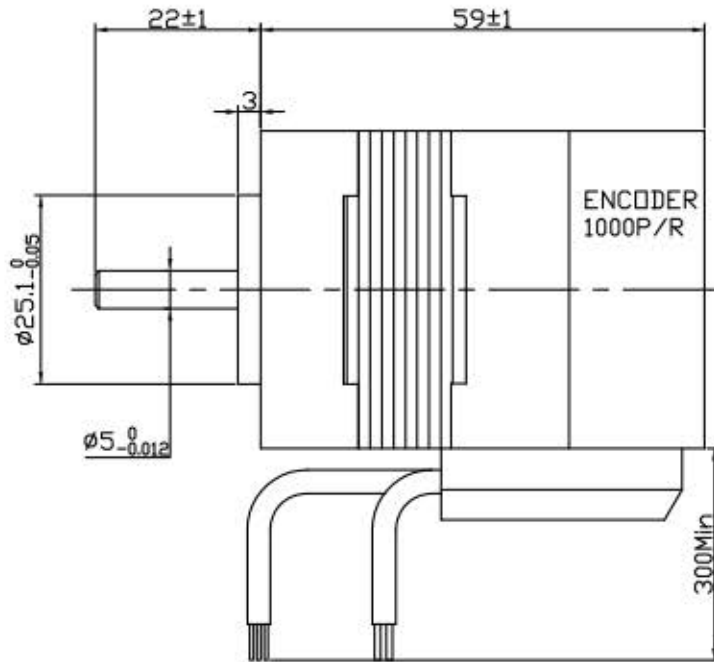


Dimension:  
Unit=mm



ROTATION: CW VIEWED FROM OUTPUT SHAFT

|                           |                  |
|---------------------------|------------------|
| MANUFACTUER MODEL         | JK42BLS01-X038ED |
| NUMBER OF POLES           | 8                |
| PHASE TO PHASE RESISTANCE | 1.8 OHMS         |
| NOMINAL VOLTAGE           | 24 VDC           |
| NO LOAD SPEED             | 6800±10% RPM     |
| NO LOAD CURRENT           | 0.3 Amps Max.    |
| RATED TORQUE              | 0.0716 N-m       |
| RATED SPEED               | 4000±10% RPM     |
| OUTPUT POWER              | 30 W             |
| BACK EMF CONSTANT         | 4.36 V/kRPM      |
| TORQUE CONSTANT           | 0.042 N-m/A      |
| INSULATION CLASS          | B                |

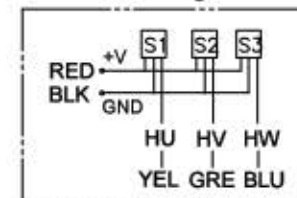
Encoder Wiring Diagram:

|      |                       |          |
|------|-----------------------|----------|
| Vcc  | Encoder Voltage(+5V)  | RED 红    |
| EGND | Encoder Grand(0V)     | BLK 黑    |
| EA   | Encoder A phase input | GREEN 绿  |
| EB   | Encoder B phase input | BLUE 蓝   |
| EZ   | Encoder Z phase input | YELLOW 黄 |

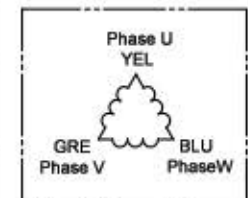
ELECTRICAL CONNECTION TABLE

|         |     |   |                  |
|---------|-----|---|------------------|
| +5V     | RED | 红 | UL1007<br>26 AWG |
| HALL U  | YEL | 黄 |                  |
| HALL V  | GRE | 绿 |                  |
| HALL W  | BLU | 蓝 |                  |
| GND     | GND | 黑 | UL1007<br>20 AWG |
| PHASE U | YEL | 黄 |                  |
| PHASE V | GRE | 绿 |                  |
| PHASE W | BLU | 蓝 |                  |

Connection diagram:



Hall sensor cable  
Note: hall sensor power supply  
voltage +5 to +20VDC



Wiring cable

|        |  |  |  |  |  |                         |             |         |        |               |
|--------|--|--|--|--|--|-------------------------|-------------|---------|--------|---------------|
| REV.   |  |  |  |  |  | Title:<br>Specification | 常州倍士福机电有限公司 |         |        |               |
| DESIGN |  |  |  |  |  |                         |             | CLS.MAK | WEIGHT | SCALE         |
| CHECK  |  |  |  |  |  |                         |             |         |        | www.besfoc.cn |
| PROC.  |  |  |  |  |  | PAGE:                   | 1/1         |         |        |               |