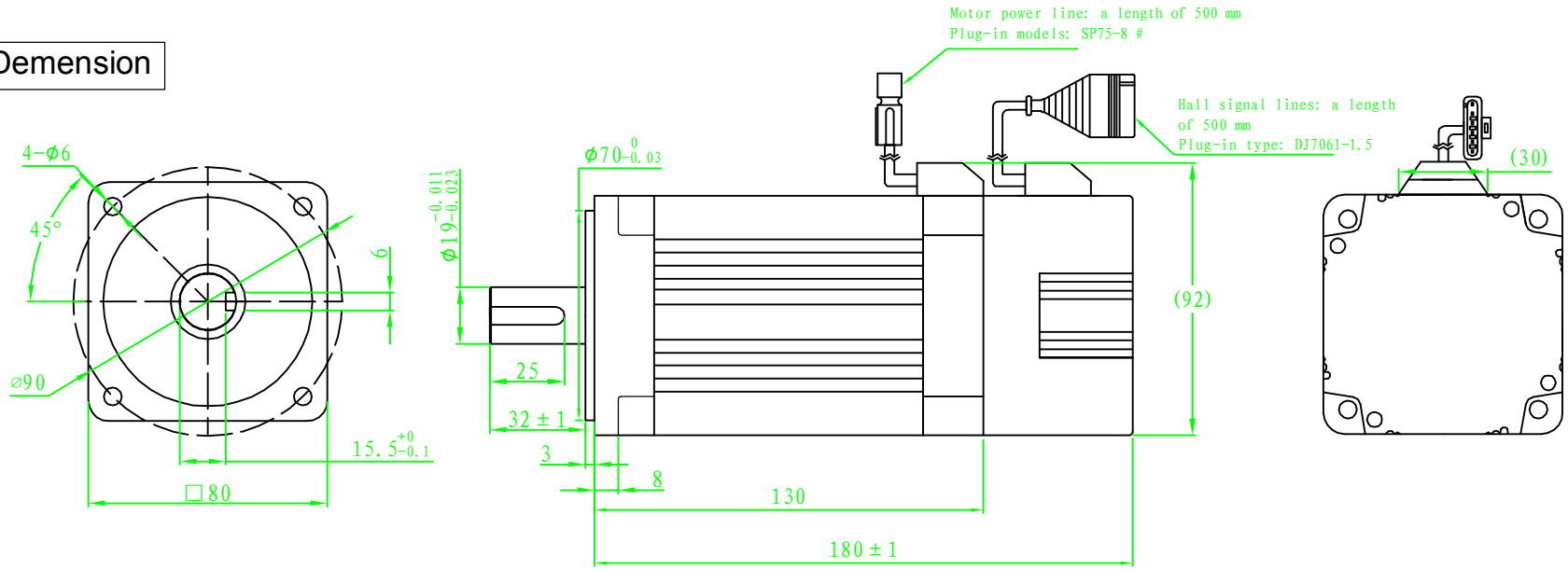
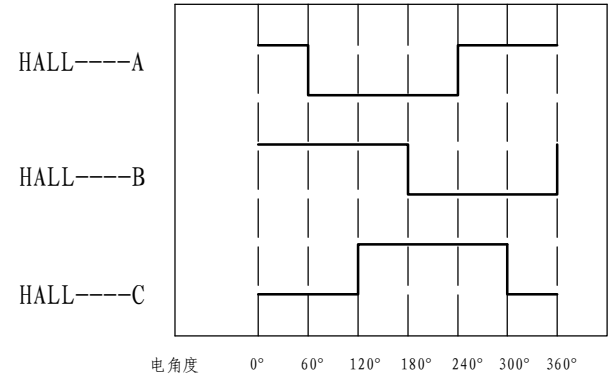
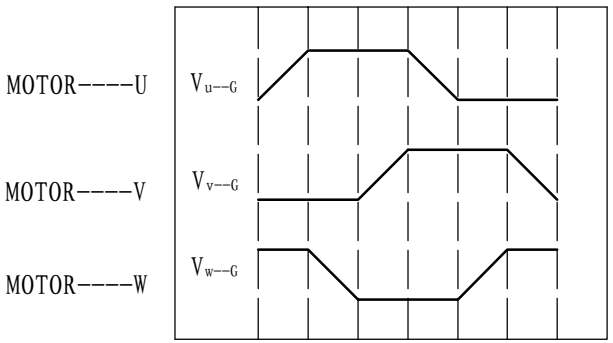
## Demension




## Motor to Hall Relationship




PHASE TO GROUND VOLTAGE
ROTATION CW FROM THE FLANGE

## Line Define

### Power Wire

| | |
|---|---|
| Red | Motor U |
| Yellow | Motor V |
| Blue | Motor W |

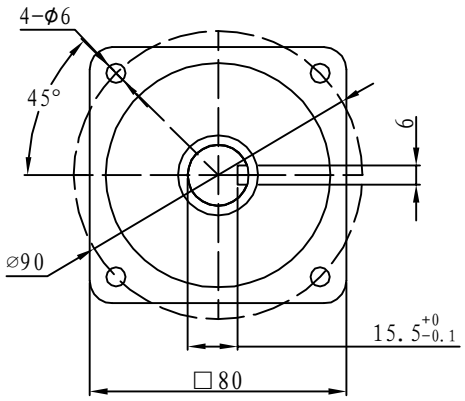
### Feedback Wire

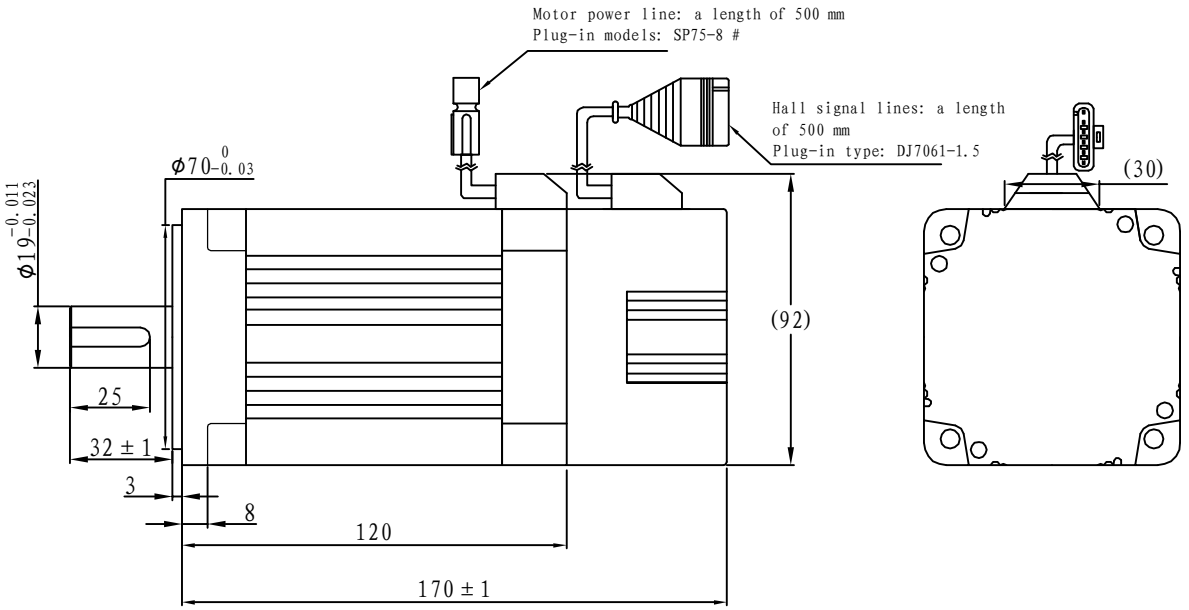
| Hall line colour | Hall signal definition | Plug serial number |
|---|---|---|
| Orange and black | 5V | 1 |
| Orange | 0V | 2 |
| Yellow | Hall A | 3 |
| Blue | Hall B | 4 |
| Green | Hall C | 5 |

## Tecnichal Data

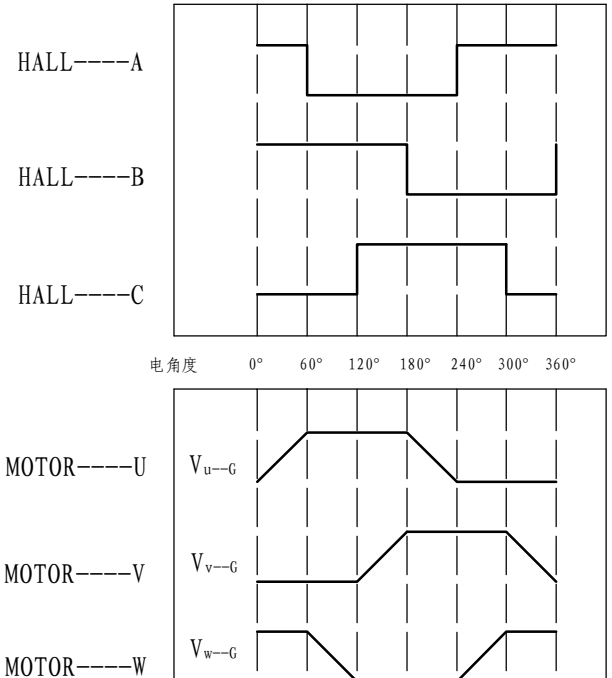
| | |
|---|---|
| Type | 80WD-M02430-24V |
| Power (KW) | 0.75 |
| Rated voltage (V) | 24 |
| Rated current （A） | 39.27 |
| Rated speed (rpm) | 3000 |
| Rated torque （NM） | 2.4 |
| Rotor inertia （Kgcm2) | 0.8 |
| Protection rank | IP54 |
| Insulation rank | F |
| Appropriate environment | Temperature: 0～50℃<br>Humidity: ＜90%<br>(No dewdrop) |
| Motor weight （KG） | 3 |

## Demension




### Motor to Hall Relationship




PHASE TO GROUND VOLTAGE
ROTATION CW FROM THE FLANGE

### Line Define

#### Power Wire

| | |
|---|---|
| Red | Motor U |
| Yellow | Motor V |
| Blue | Motor W |

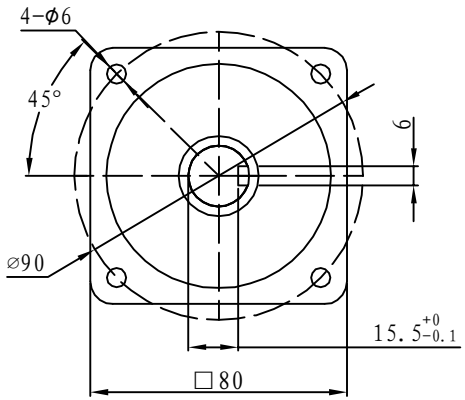
#### Feedback Wire

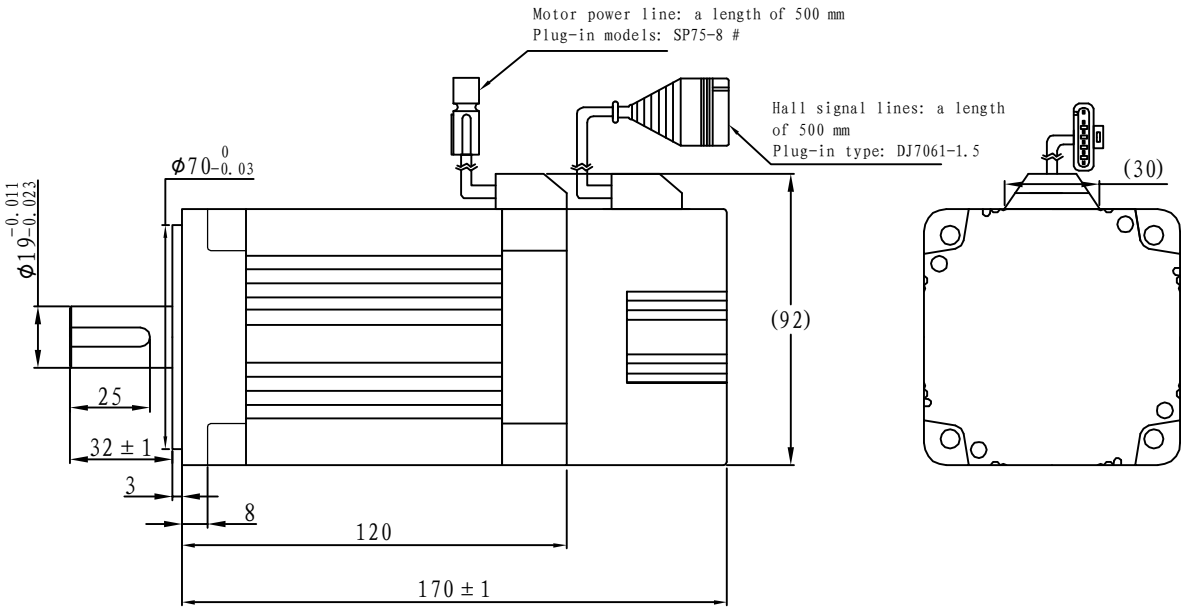
| Hall line colour | Hall signal definition | Plug serial number |
|---|---|---|
| Orange and black | 5V | 1 |
| Orange | 0V | 2 |
| Yellow | Hall A | 3 |
| Blue | Hall B | 4 |
| Green | Hall C | 5 |

### Tecnichal Data

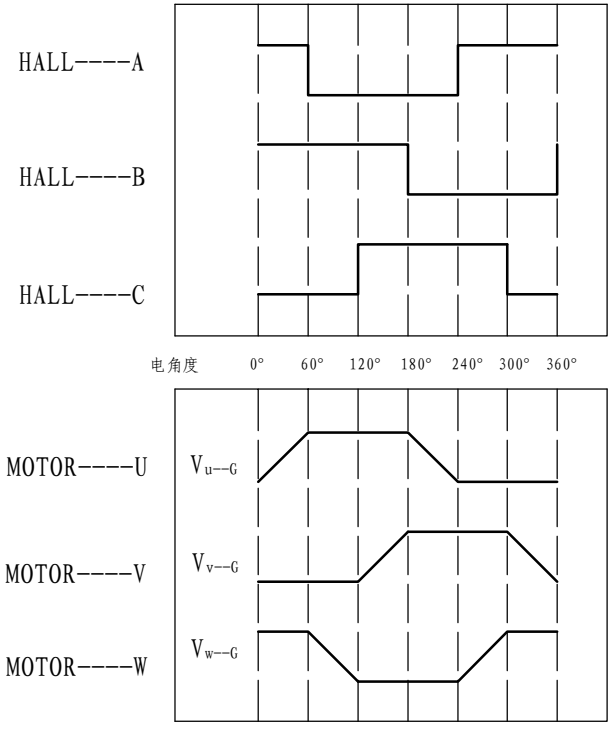
| | |
|---|---|
| Type | 80WD-M02430-48V |
| Power (KW) | 0.75 |
| Rated voltage (V) | 48 |
| Rated current （A） | 19.5 |
| Rated speed (rpm) | 3000 |
| Rated torque （NM） | 2.4 |
| Rotor inertia （Kgcm2) | 0.8 |
| Protection rank | IP54 |
| Insulation rank | F |
| Appropriate environment | Temperature: 0～50℃<br>Humidity: ＜90%<br>(No dewdrop) |
| Motor weight （KG） | 3 |

## Demension




### Motor to Hall Relationship




PHASE TO GROUND VOLTAGE
ROTATION CW FROM THE FLANGE

### Line Define

#### Power Wire

| | |
|---|---|
| Red | Motor U |
| Yellow | Motor V |
| Blue | Motor W |

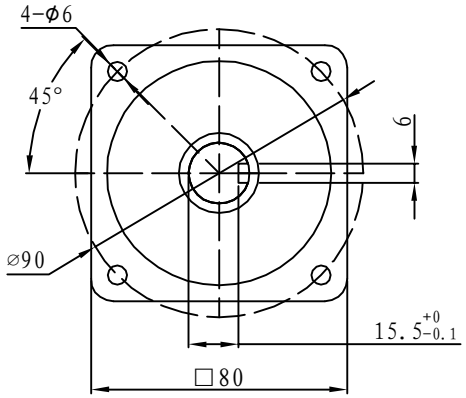
#### Feedback Wire

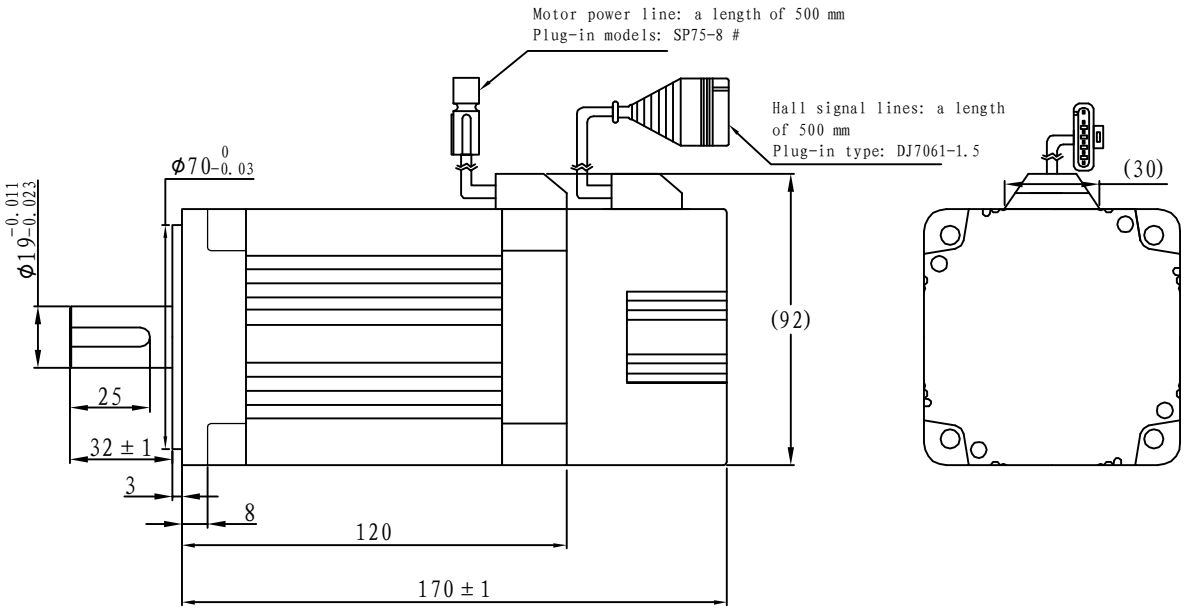
| Hall line colour | Hall signal definition | Plug serial number |
|---|---|---|
| Orange and black | 5V | 1 |
| Orange | 0V | 2 |
| Yellow | Hall A | 3 |
| Blue | Hall B | 4 |
| Green | Hall C | 5 |

### Tecnichal Data

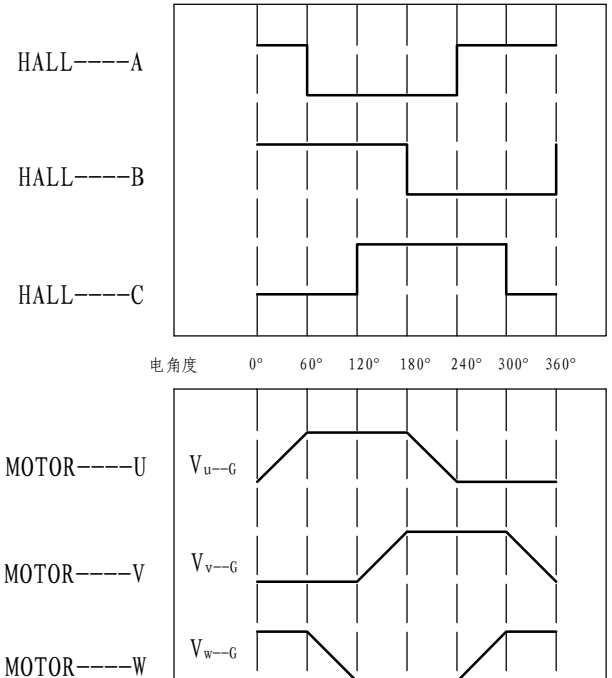
| | |
|---|---|
| Type | 80WD-M02430-72V |
| Power (KW) | 0.75 |
| Rated voltage (V) | 72 |
| Rated current （A） | 13.09 |
| Rated speed (rpm) | 3000 |
| Rated torque （NM） | 2.4 |
| Rotor inertia （Kgcm2) | 0.8 |
| Protection rank | IP54 |
| Insulation rank | F |
| Appropriate environment | Temperature: 0～50℃<br>Humidity: ＜90%<br>(No dewdrop) |
| Motor weight （KG） | 3 |

## Demension




### Motor to Hall Relationship




PHASE TO GROUND VOLTAGE
ROTATION CW FROM THE FLANGE

### Line Define

#### Power Wire

| | |
|---|---|
| Red | Motor U |
| Yellow | Motor V |
| Blue | Motor W |

#### Feedback Wire

| Hall line colour | Hall signal definition | Plug serial number |
|---|---|---|
| Orange and black | 5V | 1 |
| Orange | 0V | 2 |
| Yellow | Hall A | 3 |
| Blue | Hall B | 4 |
| Green | Hall C | 5 |

### Tecnichal Data

| | |
|---|---|
| Type | 80WD-M02430-96V |
| Power (KW) | 0.75 |
| Rated voltage (V) | 96 |
| Rated current （A） | 9.82 |
| Rated speed (rpm) | 3000 |
| Rated torque （NM） | 2.4 |
| Rotor inertia （Kgcm2) | 0.8 |
| Protection rank | IP54 |
| Insulation rank | F |
| Appropriate environment | Temperature: 0～50℃<br>Humidity: ＜90%<br>(No dewdrop) |
| Motor weight （KG） | 3 |