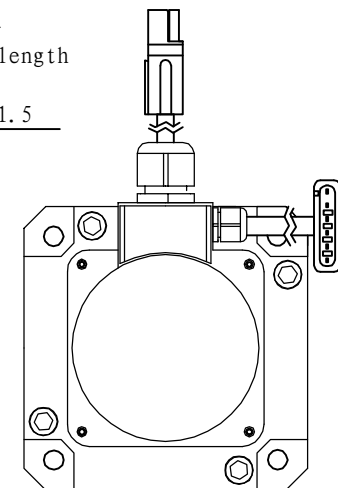
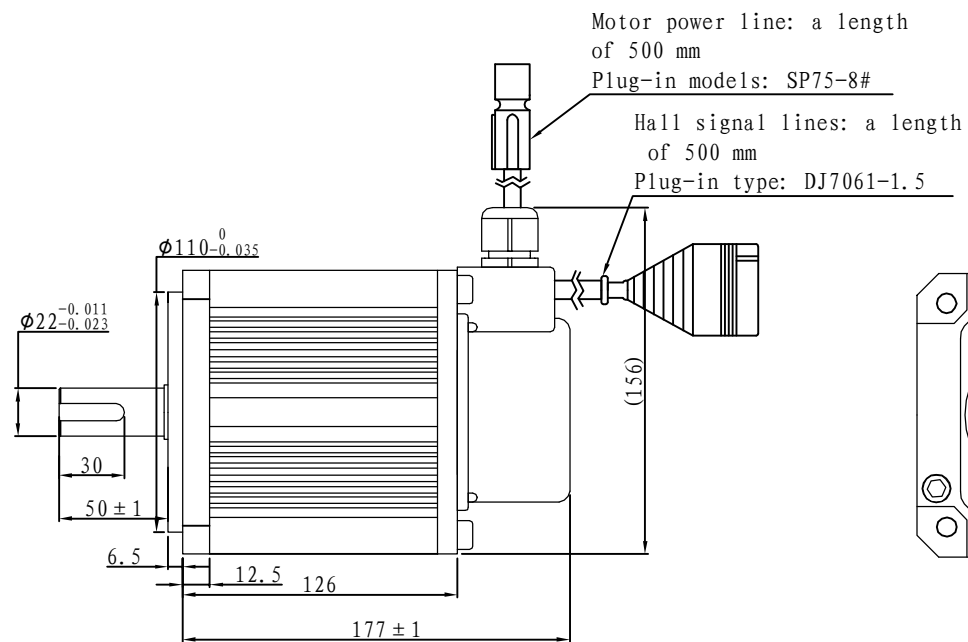
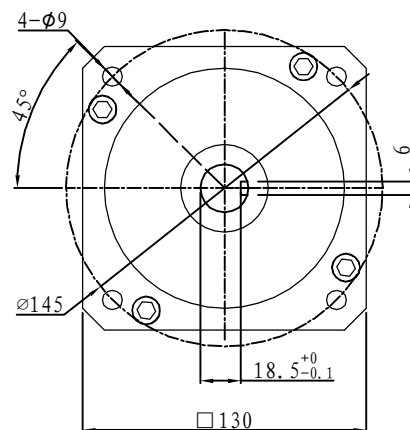
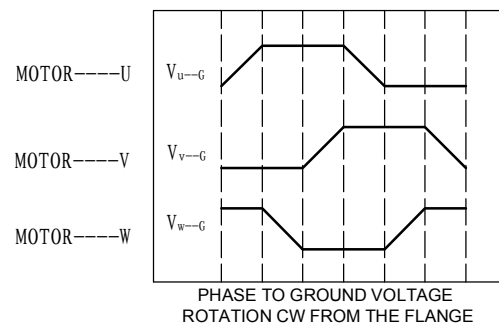
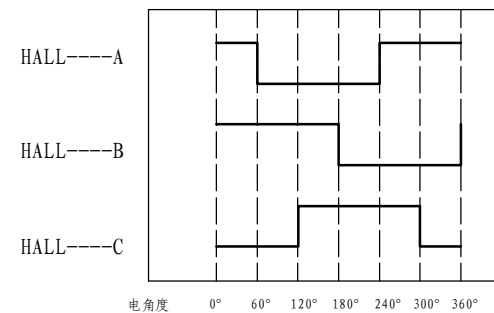


## Demension



## 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 |

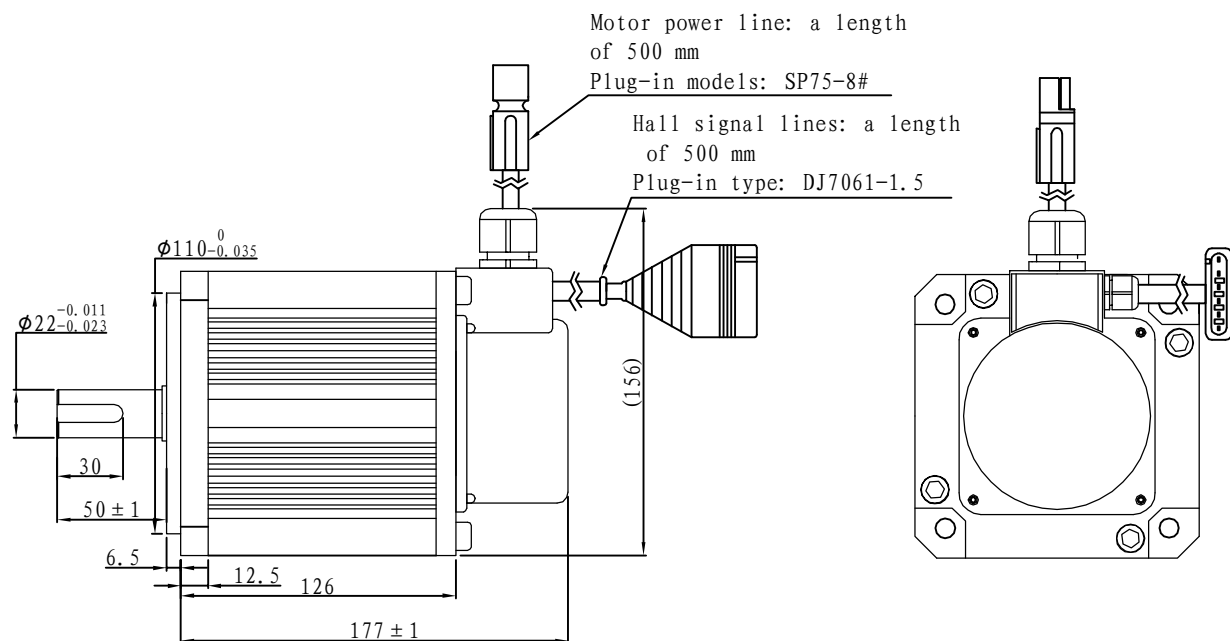
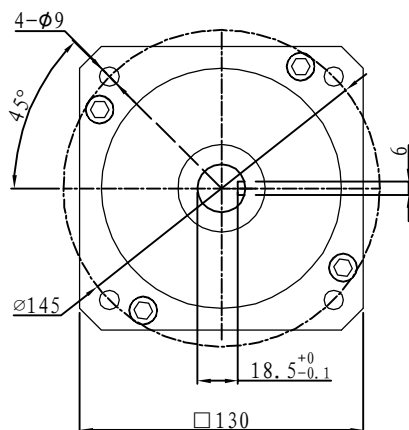
### Feedback Wire

| Hall line colour | Hall signal definition | Plug serial number |
|------------------|------------------------|--------------------|
| Orange and black | 5V                     | 1                  |
| Orange           | 0V                     | 2                  |
| Yellow           | Hall A                 | 4                  |
| Blue             | Hall B                 | 5                  |
| Green            | Hall C                 | 6                  |

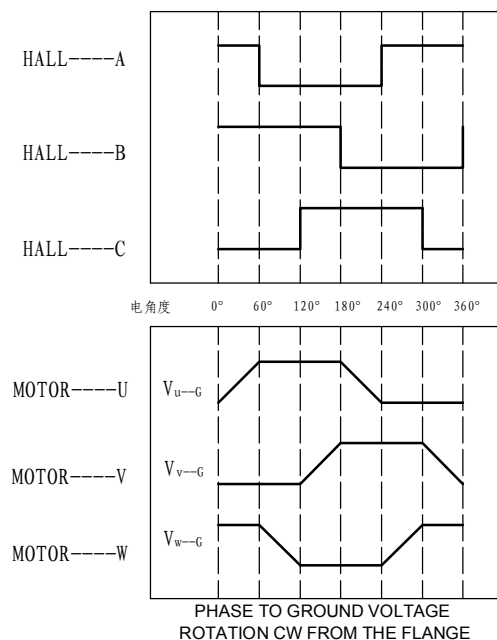
## Tecnichal Data

|                                    |                                                      |
|------------------------------------|------------------------------------------------------|
| Type                               | 130WD-M04020-24V                                     |
| Power (KW)                         | 0.8                                                  |
| Rated voltage (V)                  | 24                                                   |
| Rated current (A)                  | 41.1                                                 |
| Rated speed (rpm)                  | 2000                                                 |
| Rated torque (NM)                  | 4                                                    |
| Rotor inertia (Kgcm <sup>2</sup> ) | 10.4                                                 |
| Protection rank                    | IP65                                                 |
| Insulation rank                    | F                                                    |
| Appropriate environment            | Temperature: 0~50℃<br>Humidity: <90%<br>(No dewdrop) |
| Motor weight (KG)                  | 6.7                                                  |

## Demension



## Motor to Hall Relationship



## Line Define

### Power Wire

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

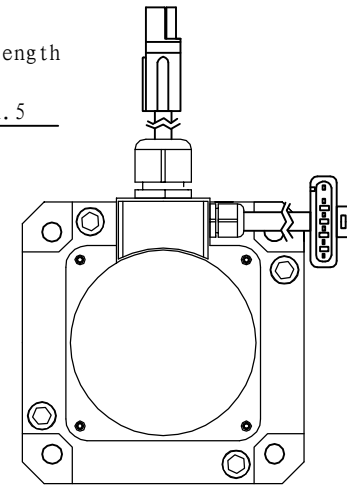
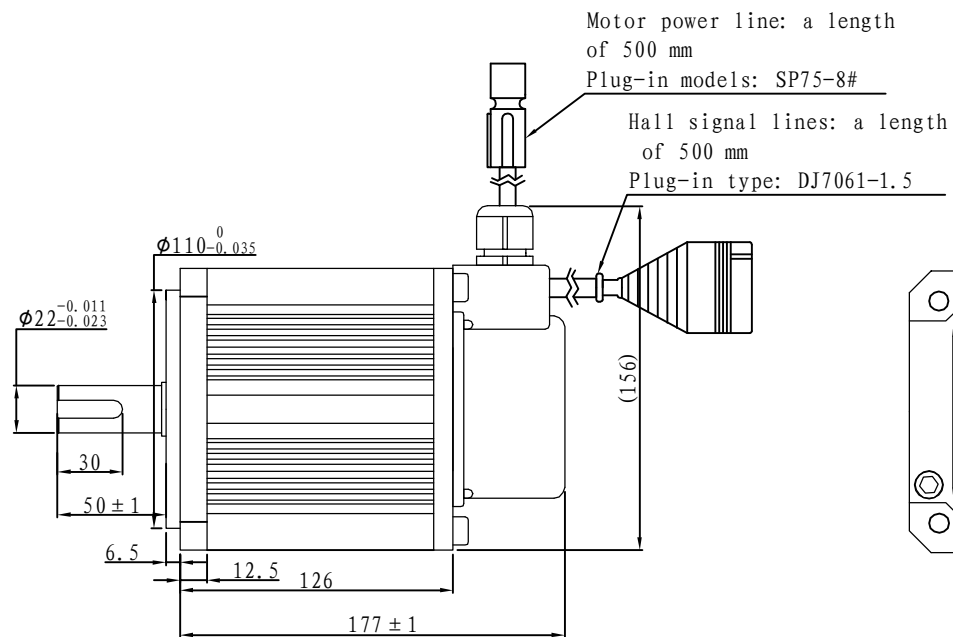
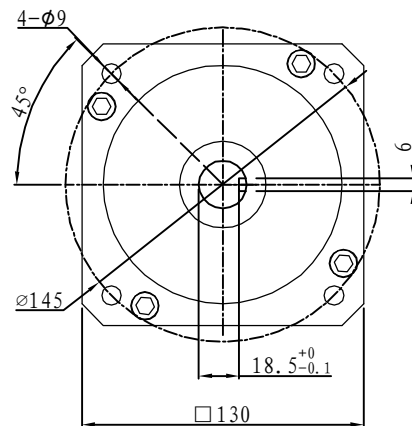
### Feedback Wire

| Hall line colour | Hall signal definition | Plug serial number |
|------------------|------------------------|--------------------|
| Orange and black | 5V                     | 1                  |
| Orange           | 0V                     | 2                  |
| Yellow           | Hall A                 | 4                  |
| Blue             | Hall B                 | 5                  |
| Green            | Hall C                 | 6                  |

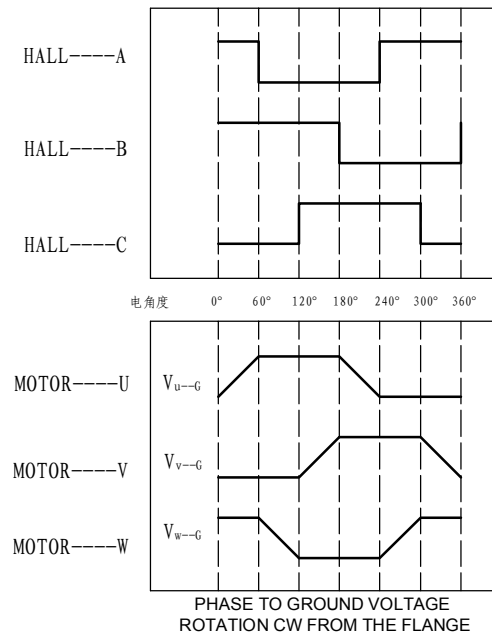
## Tecnichal Data

|                                    |                                                      |
|------------------------------------|------------------------------------------------------|
| Type                               | 130WD-M04020-48V                                     |
| Power (KW)                         | 0.8                                                  |
| Rated voltage (V)                  | 48                                                   |
| Rated current (A)                  | 20.5                                                 |
| Rated speed (rpm)                  | 2000                                                 |
| Rated torque (NM)                  | 4                                                    |
| Rotor inertia (Kgc <sup>m</sup> 2) | 10.4                                                 |
| Protection rank                    | IP65                                                 |
| Insulation rank                    | F                                                    |
| Appropriate environment            | Temperature: 0~50℃<br>Humidity: <90%<br>(No dewdrop) |
| Motor weight (KG)                  | 6.7                                                  |

## Demension



## Motor to Hall Relationship



## Line Define

### Power Wire

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

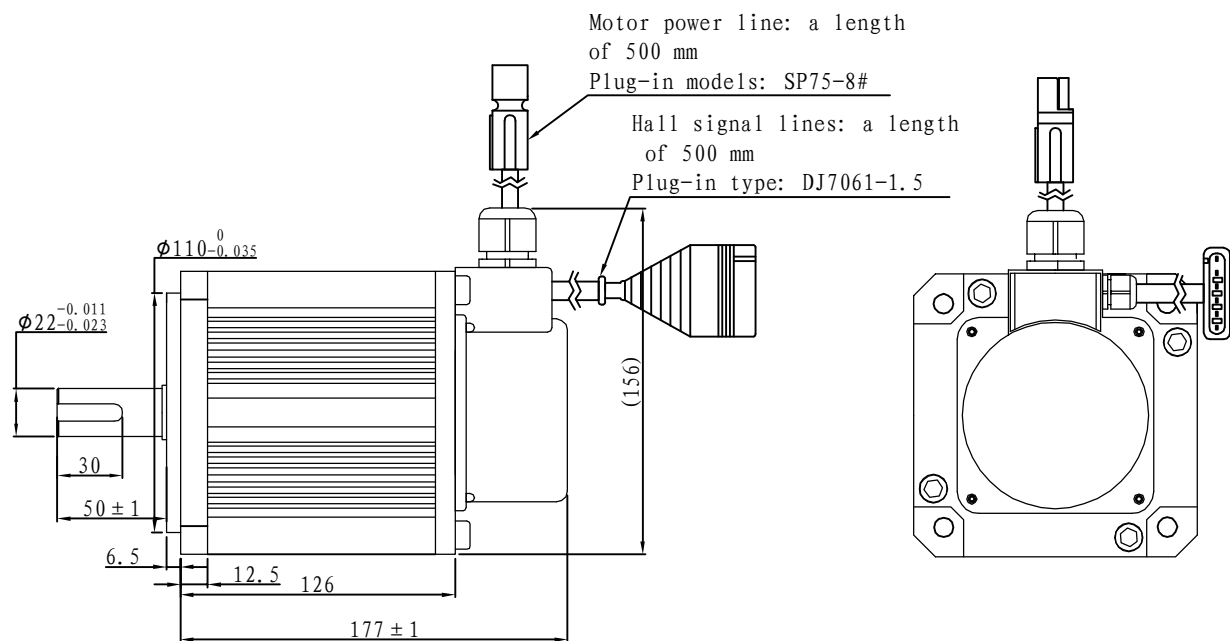
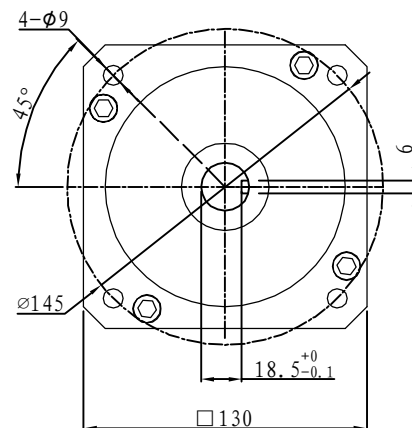
### Feedback Wire

| Hall line colour | Hall signal definition | Plug serial number |
|------------------|------------------------|--------------------|
| Orange and black | 5V                     | 1                  |
| Orange           | 0V                     | 2                  |
| Yellow           | Hall A                 | 4                  |
| Blue             | Hall B                 | 5                  |
| Green            | Hall C                 | 6                  |

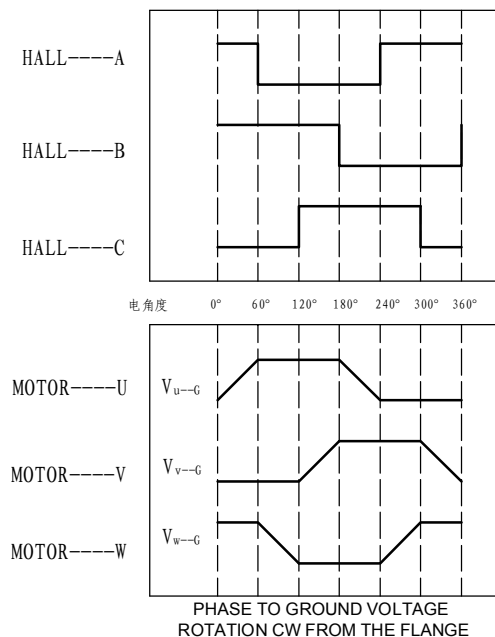
## Tecnichal Data

|                                    |                                                          |
|------------------------------------|----------------------------------------------------------|
| Type                               | 130WD-M04020-72V                                         |
| Power (KW)                         | 0.8                                                      |
| Rated voltage (V)                  | 72                                                       |
| Rated current (A)                  | 13.7                                                     |
| Rated speed (rpm)                  | 2000                                                     |
| Rated torque (NM)                  | 4                                                        |
| Rotor inertia (Kgcm <sup>2</sup> ) | 10.4                                                     |
| Protection rank                    | IP65                                                     |
| Insulation rank                    | F                                                        |
| Appropriate environment            | Temperature: 0 ~ 50°C<br>Humidity: < 90%<br>(No dewdrop) |
| Motor weight (KG)                  | 6.7                                                      |

## Demension



## Motor to Hall Relationship



## 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                 | 4                  |
| Blue             | Hall B                 | 5                  |
| Green            | Hall C                 | 6                  |

## Tecnichal Data

|                                    |                                                        |
|------------------------------------|--------------------------------------------------------|
| Type                               | 130WD-M04020-96V                                       |
| Power (KW)                         | 0.8                                                    |
| Rated voltage (V)                  | 96                                                     |
| Rated current (A)                  | 10.3                                                   |
| Rated speed (rpm)                  | 2000                                                   |
| Rated torque (NM)                  | 4                                                      |
| Rotor inertia (Kgcm <sup>2</sup> ) | 10.4                                                   |
| Protection rank                    | IP65                                                   |
| Insulation rank                    | F                                                      |
| Appropriate environment            | Temperature: 0 ~ 50℃<br>Humidity: <90%<br>(No dewdrop) |
| Motor weight (KG)                  | 6.7                                                    |