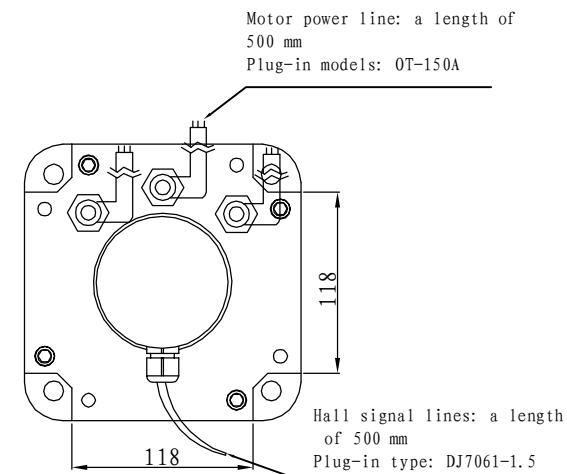
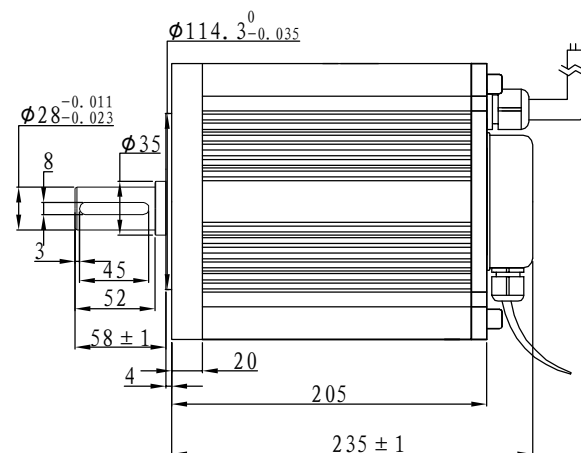
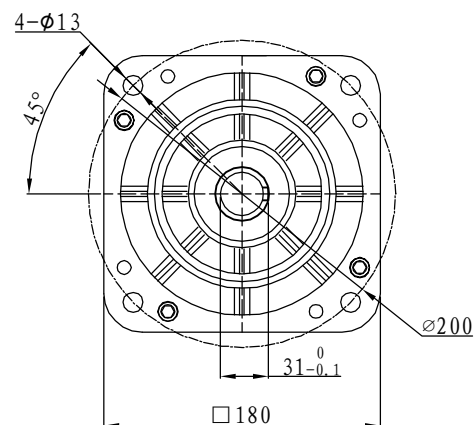
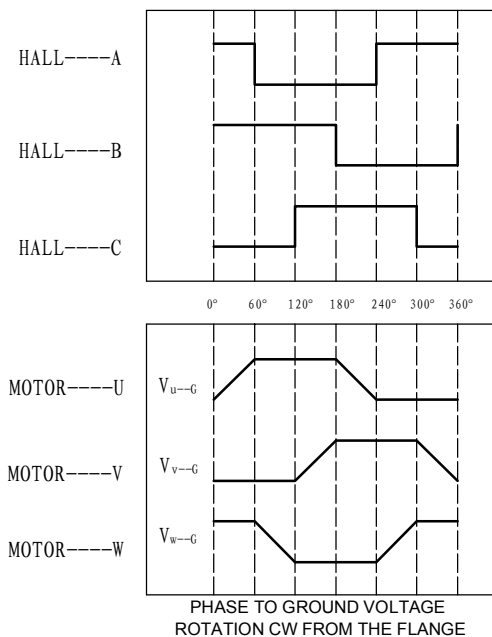


## Demension



## Motor to Hall Relationship



## Line Define

### Power Wire

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

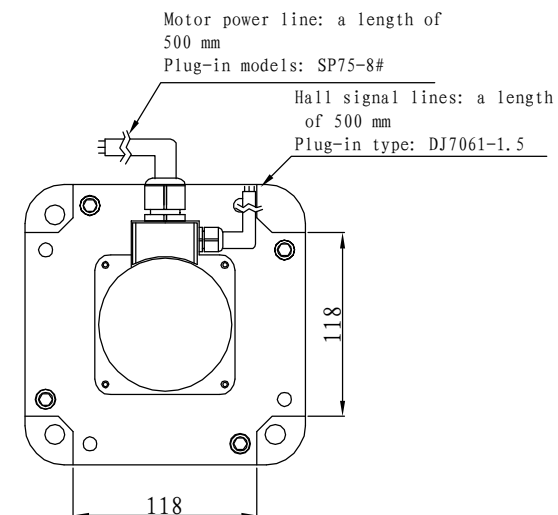
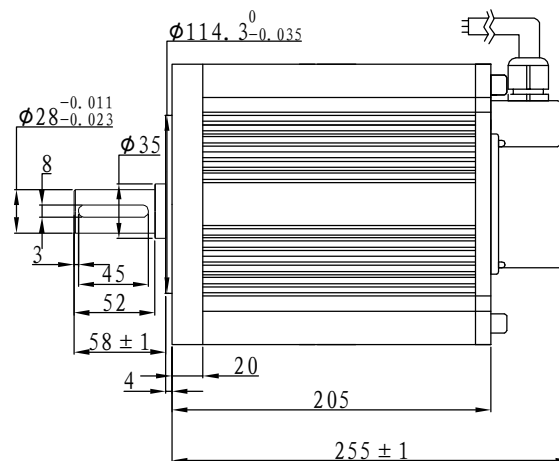
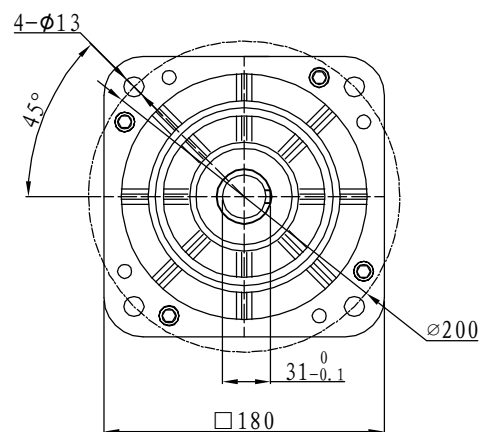
### Feedback Wire

| 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                  |

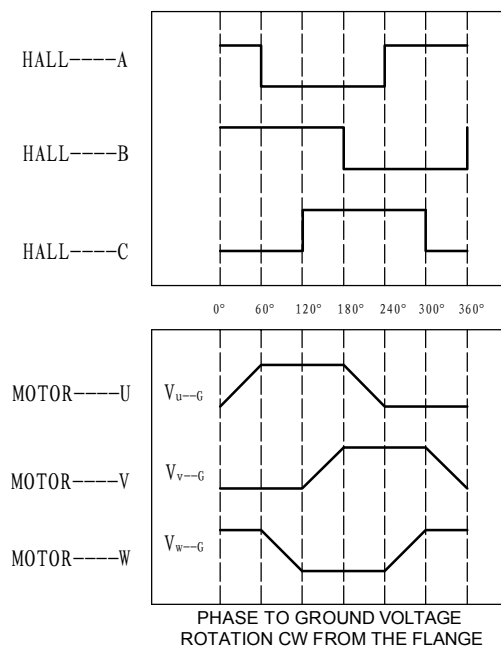
## Tecnichal Data

|                                    |                                                      |
|------------------------------------|------------------------------------------------------|
| Type                               | 180WD-M16020-48V                                     |
| Power (KW)                         | 3.4                                                  |
| Rated voltage (V)                  | 48                                                   |
| Rated current (A)                  | 82                                                   |
| Rated speed(rpm)                   | 2000                                                 |
| Rated torque (NM)                  | 16                                                   |
| Rotor inertia (Kgc <sup>m2</sup> ) | 55                                                   |
| Protection rank                    | IP65                                                 |
| Insulation rank                    | F                                                    |
| Appropriate environment            | Temperature: 0~50℃<br>Humidity: <90%<br>(No dewdrop) |
| Motor weight (KG)                  | 18.6                                                 |

## Demension



## Motor to Hall Relationship



## Line Define

### Power Wire

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

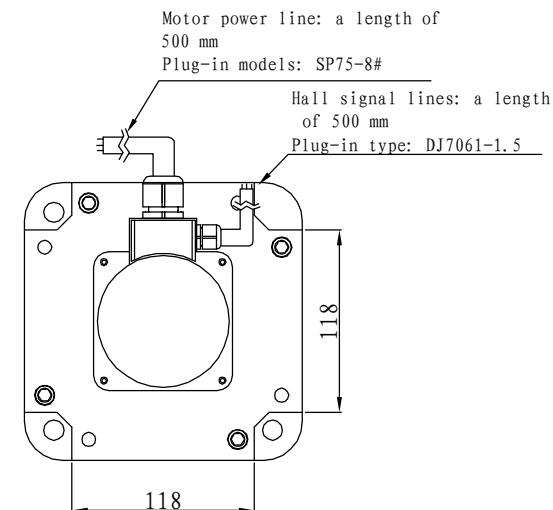
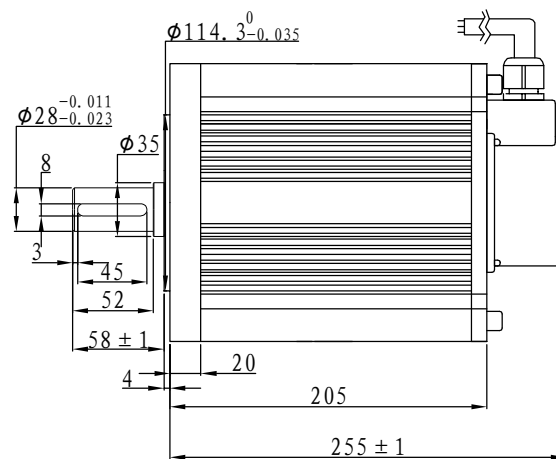
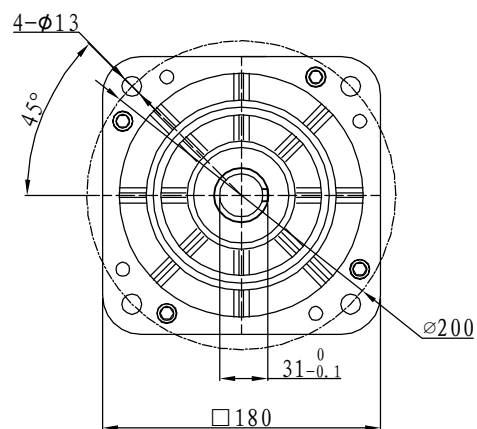
### Feedback Wire

| 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                  |

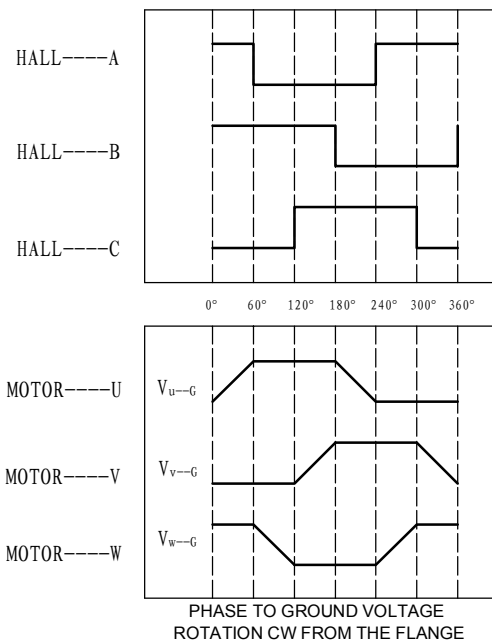
## Tecnichal Data

|                                    |                                                      |
|------------------------------------|------------------------------------------------------|
| Type                               | 180WD-M16020-72V                                     |
| Power (KW)                         | 3.4                                                  |
| Rated voltage (V)                  | 72                                                   |
| Rated current (A)                  | 55                                                   |
| Rated speed (rpm)                  | 2000                                                 |
| Rated torque (NM)                  | 16                                                   |
| Rotor inertia (Kgc <sup>m2</sup> ) | 55                                                   |
| Protection rank                    | IP65                                                 |
| Insulation rank                    | F                                                    |
| Appropriate environment            | Temperature: 0~50℃<br>Humidity: <90%<br>(No dewdrop) |
| Motor weight (KG)                  | 18.6                                                 |

## 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                              | 180WD-M16020-96V                                     |
| Power (KW)                        | 3.4                                                  |
| Rated voltage (V)                 | 96                                                   |
| Rated current (A)                 | 41                                                   |
| Rated speed (rpm)                 | 2000                                                 |
| Rated torque (NM)                 | 16                                                   |
| Rotor inertia (Kgc <sup>2</sup> ) | 55                                                   |
| Protection rank                   | IP65                                                 |
| Insulation rank                   | F                                                    |
| Appropriate environment           | Temperature: 0~50℃<br>Humidity: <90%<br>(No dewdrop) |
| Motor weight (KG)                 | 18.6                                                 |