

## Characteristic

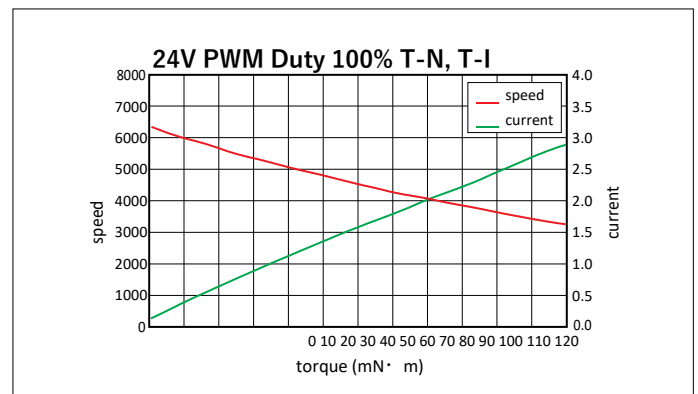
- Motor Type  
DC  
3 Phase DC Brushless Motor
  - Direction of Rotation  
CW and CCW
- Control-Driver circuit built-in
- Low Noise
- Compact, Light Weight and High Output
- High Efficiency
- Low Inertia
- Overcurrent and Locked Rotor Protection



- $\Phi 42 \times L46$
- DC Brushless motor inner rotor type

## Major Characteristic Parameters

|                                   |             | Min. | Nom. | Max.           | Units       |
|-----------------------------------|-------------|------|------|----------------|-------------|
| Operating Voltage                 | for Motor   | 21.6 | 24   | 26.4           | VDC         |
|                                   | for Circuit | 4.5  | 5    | 5.5            | VDC         |
| Continuous Rating Power           |             |      |      | 12             | W           |
| Short Time Rating Power           |             |      |      | 20             | W           |
| Rotor Inertia ( Reference Value ) |             |      | 20   | $g \cdot cm^2$ |             |
| Operating Temperature             |             | 0    | 20   | 50             | $^{\circ}C$ |
| Operating Humidity                |             | 15   |      | 90             | %RH         |
| PWM DUTY<br>Usable Input PWM Duty |             | 10   |      | 100            | %           |
| Motor Weight                      |             |      |      | 190            | g           |



## Outside Dimension (Reference)

