



69W 0.22Nm 3000RPM 24V Square 57mm Round Body Brushless DC Motor 3phase

Our Product Introduction

Basic Information

- Place of Origin: Changzhou, China
- Brand Name: Hontru
- Certification: CE ISO RoHS
- Model Number: HC86BLF
- Minimum Order Quantity: 1 set
- Price: Negotiation
- Packaging Details: Foam+Hard Carton or Wooden Case+Waterproof film
- Delivery Time: 5-10 working days
- Payment Terms: T/T, PayPal, Western Union
- Supply Ability: 10000pcs/month



Product Specification

- Name: HC57BLY Series Brushless Reduction Motor
- Gearbox Housing Material: Metal
- Backlash: $\leq 1.2^\circ$
- Radial Clearance: $\leq 0.05\text{mm}$
- Axial Clearance: $\leq 0.3\text{mm}$
- Highlight: **0.22Nm Brushless Motor ,
3000RPM Brushless DC Motor ,
Brushless DC Motor 3phase**

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Product Description

HC57BLY Series Brushless Reduction Motor 57mm Round Brushless Reduction Motor

1. Gearbox housing material: metal
2. Backlash: $\leq 1.2^\circ$
3. Radial clearance: $\leq 0.05\text{mm}$
4. Axial clearance: $\leq 0.3\text{mm}$
5. The allowable torque of the gearbox must not be exceeded during use

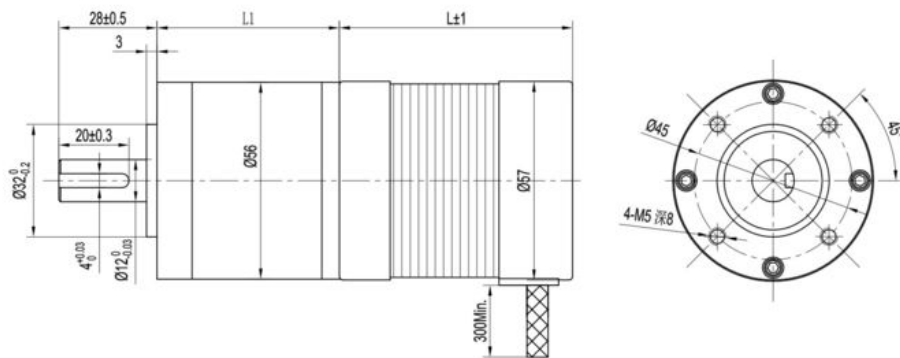
Gearbox technical parameters:


| Reduction ratio | Rated allowable torque(N.m) (N.m) | Instantaneous maximum torque(N.m) | efficiency(%) | Box length L1(mm) L1(mm) | Level grade |
|--------------------------|--------------------------------------|-----------------------------------|---------------|-----------------------------|-------------|
| 3.6,4.3 | 5 | 15 | 90% | 38.3 | 1 |
| 13,19,22 | 20 | 60 | 81% | 52.2 | 2 |
| 46,69,102, 121 | 20 | 60 | 73% | 66.1 | 3 |
| 198,276,326 , 409 513 | 20 | 60 | 65% | 80 | 4 |

Motor technical parameters:


| Motor model | HC57BLY 47 | HC57BLY 52 | HC57BLY 62 | HC57BLY 72 | HC57BLY 92 | HC57BLY1 12 |
|---------------------|---------------|---------------|---------------|---------------|---------------|----------------|
| Number of poles | 4 | 4 | 4 | 4 | 4 | 4 |
| Number of phases | 3 | 3 | 3 | 3 | 3 | 3 |
| Rated voltage (VDC) | 24 | 24 | 24 | 24 | 24 | 24 |
| Rated speed (rpm) | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 |
| Rated torque (N.m) | 0.07 | 0.11 | 0.18 | 0.22 | 0.33 | 0.45 |
| Rated current (A) | 1.5 | 2 | 3.5 | 4 | 6 | 8 |
| Rated power (W) | 25 | 41 | 57 | 79 | 110 | 140 |
| Body length L (mm) | 47 | 52 | 62 | 72 | 92 | 112 |
| Weight (kg) | 0.33 | 0.45 | 0.65 | 0.8 | 0.95 | 1.2 |

Outline:



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