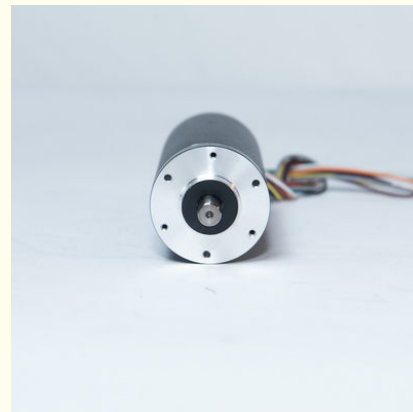


Square Round 25w 50w 100w 12 Volt Bldc Motor 2v Brushless Dc Motor 42mm

Our Product Introduction

Basic Information

- Place of Origin: Changzhou, China
- Brand Name: Hontru
- Certification: CE ISO RoHS
- Model Number: HC42BLFS
- 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: 42mm Round Brushless Motor
- Number Of Poles: 4
- Number Of Phases: 3
- Rated Voltage (VDC): 24
- Rated Speed (rpm): 3000
- Winding Method: Y
- Hall Distribution Angle: 120°
- Insulation Level: B
- Insulation Resistance: 100MΩ Min.500VDC
- Dielectric Strength: 600VAC,1Min.
- Maximum Radial Load: 28N
- Maximum Axial Load: 10N
- Highlight: 12v bldc motor, 12 volt bldc motor, 12v brushless dc motor



Product Description

42mm Round Brushless Motor Specification

Item	index parameter
Winding method	Y
Hall distribution angle	120°
Insulation level	B
Insulation resistance	100MΩ Min.500VDC
Dielectric strength	600VAC,1Min.
Maximum radial load	28N
Maximum axial load	10N

Wiring		
Function Definition	Color	Wire Gauge
+5V	Red	AWG26 UL1430
Hu	White	
Hv	Blue	
Hw	Green	
GND	Black	
U	White	AWG22 UL1430
V	Blue	
W	Green	

Motor model	HC42BLY40	HC42BLY60	HC42BLY85	HC42BLY95
Number of poles	4			
Number of phases	3			
Rated voltage (VDC)	24			
Rated speed (rpm)	3000			
Rated torque (N.m)	0.04	0.07	0.12	0.18
Rated current (A)	0.8	1.5	2.1	3.2
Rated power (W)	12	22	38	56
Peak torque (N.m)	0.12	0.21	0.36	0.54
Peak current (A)	2.4	4.5	6.3	9.6
Back EMF constant (Vrms/Krpm)	6	6	6	6
Torque constant (N.m/A)	0.057	0.057	0.057	0.057
Moment of inertia (g.cm ²)	24	33	84	96
Body length L (mm)	40	60	85	95
Weight (kg)	0.3	0.45	0.65	0.8

Outline:

