

High Voltage 310V 3000rpm Brushless DC Motors 48 Volt Bldc Motor

Our Product Introduction

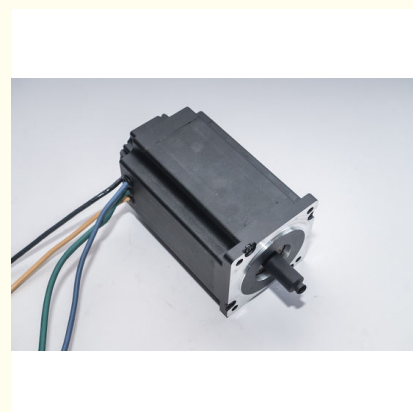
Basic Information

- 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: 110mm Square Brushless Motor
- Number Of Poles: 3
- Number Of Phases: 8
- Rated Voltage (VDC): 310
- 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: 220N
- Maximum Axial Load: 60N
- Highlight: **310V Brushless DC Motors ,
3000rpm Brushless DC Motors ,
48 volt bldc motor**



Product Description

110mm Square Brushless Motor

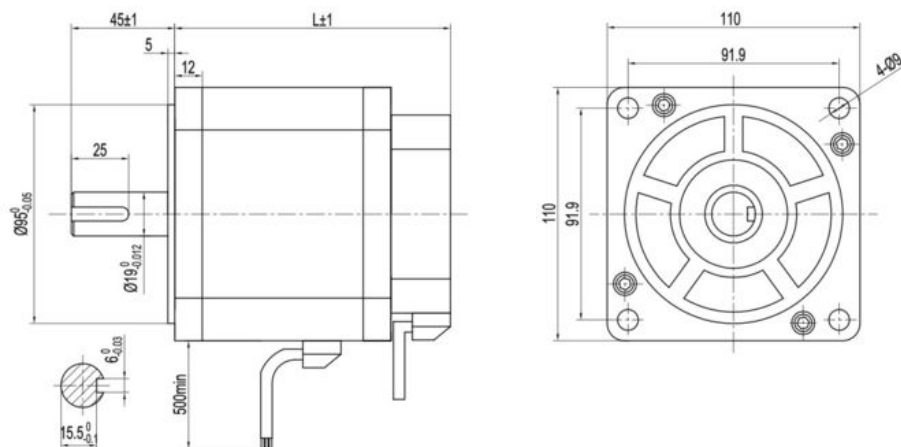
Specification

Item	index parameter
Winding method	Y
Hall distribution angle	120°
Insulation level	B
Insulation resistance	100MΩ Min.500VDC
Dielectric strength	1500VAC,1Min.
Maximum radial load	600N
Maximum axial load	180N

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	HC110BLF155	HC110BLF180	HC110BLF198	HC110BLF220
Number of poles	3			
Number of phases	8			
Rated voltage (VDC)	310			
Rated speed (rpm)	3000			
Rated torque (N.m)	4	6	8	9.5
Rated current (A)	3.5	5	7	9
Rated power (W)	1200	1800	2500	3000
Peak torque (N.m)	12	18	24	28.5
Peak current (A)	10.5	15	21	18
Back EMF constant (Vrms/Krpm)	77.5	77.5	77.5	77.5
Torque constant (N.m/A)	0.74	0.74	0.74	0.74
Moment of inertia (g.cm ²)	120	180	240	300
Body length L (mm)	155	180	198	220
Weight (kg)	4.5	5.5	6.5	7.5

Outline:





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