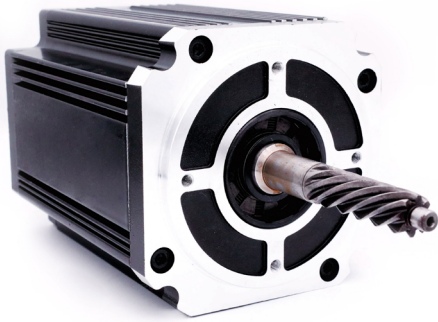


# 110BLF

## BRUSHLESS DC MOTOR



### General Specifications

Winding Type	Star
Hall effect angle	120° Electrical angle
Insulation Class	B
Ambient Temperature	-20°C~+50°C
Insulation Resistance	100MΩ Min.500VC DC
Dielectric Strength	1500VAC 1 minute
Max Radial Force	330N (10mm from front flange)
Max Axial Force	100N

### Technical Specifications

Model	No. of Poles	No. of Phase	Rated Voltage (VDC)	Rated Torque (N.m)	Rated Speed (RPM)	Rated Current (Amps)	Output Power (Watts)	Peak Torque (N.m)	Peak Current (Amps)	Torque Constant (N.m/Amps)	Back EMF Constant (V/kRPM)	Motor Height L (mm)	Motor Weight (kg)
110BLF01	8	3	310	3.5	3000	4.72	1100	10.5	14.0	0.74	77.5	156.0	5.08
110BLF02			310	4.5	3000	6.10	1413	13.5	18.3	0.74	77.5	177.0	6.06
110BLF03			310	6.5	3000	8.77	2040	19.5	26.3	0.74	77.5	216.0	7.88

\* Products can be customized by special request.

### Wiring Diagram

FUNCTION/功能	COLOR/颜色		
+5V	RED	红	UL1007 26AWG
HALL A	YELLOW	黄	
HALL B	GREEN	绿	
HALL C	BLUE	蓝	
GND	BLACK	黑	UL1330 16AWG
PHASE A	YELLOW	黄	
PHASE B	GREEN	绿	
PHASE C	BLUE	蓝	

### Mechanical Dimension

