

22BL

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	600VAC 1 minute
Max Radial Force	10N (10mm from front flange)
Max Axial Force	2N

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)
22BL201-001	8	3	24	0.02	4800	0.6	8.0	0.06	1.8	0.033	3.5	68	0.11

* Products can be customized by special request.

* Products can match gearbox 22.

Wiring Diagram

FUNCTION/功能	COLOR/颜色		
TP	ORANGE	橙	UL1061 26AWG
GND	BLACK	黑	UL1332 28AWG
PHASE A	BROWN	棕	
PHASE B	WHITE	白	
PHASE C	PURPLE	紫	
+5V	RED	红	
HALL A	YELLOW	黄	
HALL B	GREEN	绿	
HALL C	BLUE	蓝	

Mechanical Dimension

