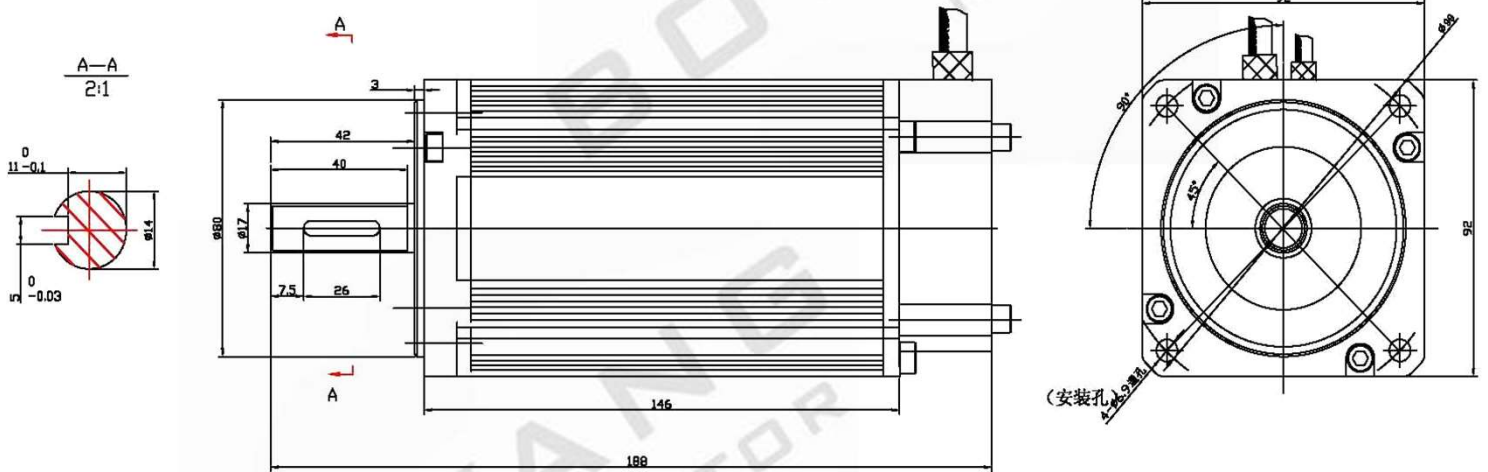


BY92BL DC brushless motor
size: 92mm power: 550W-1100W

- Long Life and Highly Reliable
- Compact Size with High Power Density
- Size: 92mm diameter
- Singleshaft or double shaft
- Three phase and 8 poles
- cw & ccw
- Speed control & hall sensor
- IP 44 & Insulation Class F
- Different winding and mechanical modification



Dimensions



Specification

Model	Rated Voltage (V)	Rated Speed (RPM)	No Load Speed (RPM)	Rated Current (A)	No Load Current (A)	Rated Torque (N.M)	Winding Type	Power (watts)	Weight (g)
BY92BL220-550	220VAC	3500	4000	3.3	0.3	1.5	Y	550	3100
BY92BL220-750	220VAC	3500	4000	4.5	0.3	1.9	Y	750	3800
BY92BL110-1100	110VAC	3500	4000	9	0.5	2.6	Y	1100	4500
BY92BL12-500	12VDC	3500	4100	48	4.5	1.4	Y	500	3500
BY92BL24-500	24VDC	3500	4100	24	2.8	1.4	Y	500	3000
BY92BL48-500	48VDC	3500	4100	12	2	1.4	Y	500	3000
BY92BL160-500	160VDC	3500	4100	3.9	0.45	1.4	Y	500	3000
BY92BL320-500	320VDC	3500	4100	2	0.3	1.4	Y	500	3000
BY92BL24-750	24VDC	3500	4100	42	4	1.9	Y	750	4500
BY92BL48-750	48VDC	3500	4100	21	3	1.9	Y	750	4500
BY92BL160-750	160VDC	3500	4100	8	2	1.9	Y	750	4500
BY92BL48-1000	48VDC	3500	4000	21	4	2.6	Y	1000	4800
BY92BL160-1000	160VDC	3500	4000	10.2	3	2.6	Y	1000	4500

BY92BL DC brushless motor
size: 92mm power: 48VDC-750W

项目	48V-750W
Nominal Voltage (VDC)正常电压	48V
No Load Speed (RPM)空载速度:	4100rpm
No Load Current (Amps)空载电流:	1.6A
Rated Speed (RPM): 额定速度	3500rpm
Rated Current (Amps)额定电流	18A
Rated Power (Watts)额定功率	750W
Rated Torque (Nm)额定扭矩	2Nm
Torque Constant (Nm/Amp): 电流扭矩	0.11Nm/A
Back EMF (V/K RPM)	13

The connection of power wire: red wire to anode; blue wire to cathode. See picture 1:

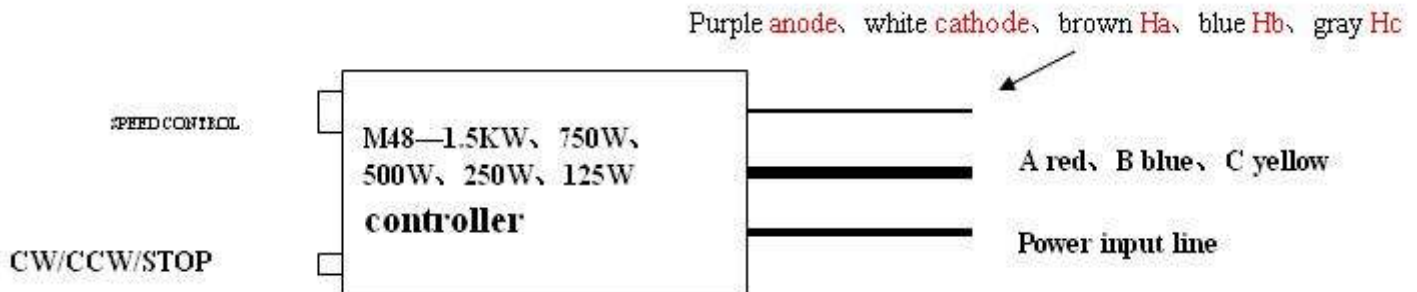


图1

- b. connection of triple-phase line: red to A, blue to B, yellow to C. See picture 1
- c. connection of HALL line for position sensor: purple to anode, white to cathode, brown to HALL a, blue to HALL b, gray to HALL c. See picture 1.
- d. rotate speed adjust: circumvolve potentiometer to adjust the speed of motor. See picture 1.
- e. adjust fronted/stop/ reverse: adjust fronted/stop/ reverse by turning on and/or off the switch. Stop at middle, fronted at above and reverse at underside.

Pls note: NEVER SWITCH THE fronted/ reverse BEFORE MOTOR STOP RUNNING COMPLETELY.

NOTE: ALL ABOVE WIRE CONNECTION CAN NOT BE WRONG! OR THE CONTROLLER AND MOTOR WILL BE DAMAGED!