

## **Brushless Motor**

By constructing the motor without carbon brush, brushless motor has the advantages of longer life and reduction in noise and EMC level, with the added benefit of electronic speed control. Other features of our brushless motors include polarity protection, locked rotor protection and self-start. They are widely used in comfort conditioning applications like fan, ventilator, air purifier, etc. Customized dimensions, performance and other requirements can be accommodate to best serve your applications upon customer requests.

- 1 Motor Type : Brushless Motor
- 2 M: Motor F: Motor Built For Fan G: Mobility and Floor Care

K: Kitchenware P: Power Tool

V: Vacuum Cleaner Motor

- (3) 1 : Single Phase Electric Motor
  - 2 : Two Phase Electric Motor
  - 3 : Three Phase Electric Motor
- (4) E: Outer Rotor 1: Inner Rotor

(Outer Rotor) BM2ECBN-0001

(5) Rotor Diameter e.g. 92->92mm

A:18mm B:21mm C:24mm D:26mm E:28mm F:30mm G:36mm H:42mm

6 Lamination Stack Length

A: 5 mm B: 12mm C: 15mm

F: 20mm K: 30mm

- (7) Safety Certification
  - L: All Voltages & UL Recognized
  - V: All Voltages & VDE Approved (No Protector)
  - P: All Voltages & VDE Approved (Protector)
  - Z: All Voltages & CCC Passed
  - N: No Safety Certification
- (8) Serial Number

BM3I2325N-001 (Inner Rotor)

- 5 Standard For Mounting Feature e.g. 23->USA Standard NEMA 23
- 6 Lamination Stack Length e.g. 25->25mm
- 7 Safety Certification
  - L: All Voltages & UL Recognized
  - V: All Voltages & VDE Approved (No Protector)
  - P: All Voltages & VDE Approved (Protector)
  - Z: All Voltages & CCC Passed
  - N: No Safety Certification
- 8 Serial Number