

Brushless DC Motor for Appliances

This brushless DC motor is designed for household electrical appliances. It features a precision-engineered rotor and stator, ensuring smooth and reliable operation.



Product Overview

High-Efficiency Brushless DC Motor

The VBL62 is a compact and efficient brushless DC motor specifically engineered for household electrical appliances. It features a 12-pole, 3-phase configuration that ensures smooth operation with precise speed and torque control via an integrated electronic control board. Designed for quiet environments, this motor offers low noise and vibration levels, making it an ideal choice for high-quality consumer goods.

Performance Metrics

Key Performance Indicators

24 V

Rated Voltage

1530 rpm

Rated Speed

5 A

Limit Current

42 dB

Noise Level

Technical Specifications

Motor Technology

Brushless DC • Integrated Control Board • Low Noise

Number of Poles

12

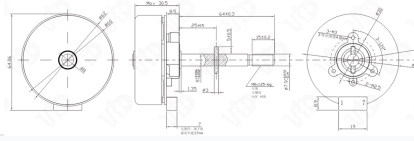
Phase Configuration

3-Phase

Mechanical Dimensions

型号	额定电压	额定功率	额定电压	额定电压	额定转速	重量
VBL62	12V	2W	24V	5A MAX	1000rpm	42g

规格参考 Specification



Detailed dimensional drawing showing the M8 threaded shaft, mounting hole patterns, and core electrical ratings for the VBL62 motor.

Shaft Details

- Diameter: 8mm (07.9-8.072 range)
- Thread: M8x1.25-6g
- Material: S45C
- Thread Direction: Left-hand (LH)

Body Length

64 mm

Body Diameter

62 mm

Installation & Mounting

Mounting Specifications

Hole Type	Quantity	Depth/Notes
M3	3 holes	Equally spaced, 4.8mm depth
M2.5	2 holes	Standard mounting