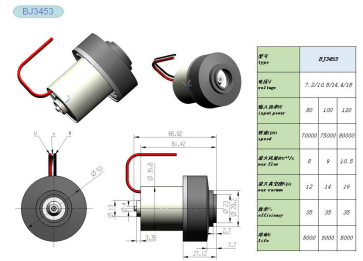
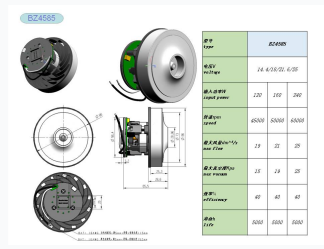


# Brushless DC Motor for Vacuum Cleaners

This brushless DC motor is designed for high suction power in vacuum cleaners and similar applications. It features a durable construction and delivers reliable performance with various voltage and power options.



## ADDITIONAL IMAGES



## Product Overview

### High-Performance Brushless DC Motor

This high-volume brushless DC permanent magnet motor is engineered for reliability and longevity in demanding applications. Featuring an advanced structure and low-noise operation, it is ideal for vacuum cleaners, disinfectant sprayers, ULV fogging machines, and hand dryers. Manufactured on automated production lines to ensure consistent quality, this motor offers customizable solutions to meet specific suction or blower requirements.

## Key Features

### Quality Assurance

One Year Warranty • Automated Production

### Typical Applications

Vacuum Cleaners, Wireless Lithium Vacuums, Hand Dryers, Disinfectant Sprayers, ULV Fogging Machines

## Performance Metrics - Model BZ4585

### Performance Summary (BZ4585)

| Voltage (V)           | Power (W) | Speed (rpm) | Max Flow (dm³/s) | Max Vacuum (kPa) |
|-----------------------|-----------|-------------|------------------|------------------|
| 14.4 / 18 / 21.6 / 25 | 120       | 45000       | 19               | 15               |
| 14.4 / 18 / 21.6 / 25 | 160       | 50000       | 21               | 19               |
| 14.4 / 18 / 21.6 / 25 | 240       | 60000       | 25               | 25               |

## Performance Metrics - Model BJ3453

### Performance Summary (BJ3453)

| Voltage (V)            | Power (W) | Speed (rpm) | Max Flow (dm <sup>3</sup> /s) | Max Vacuum (kPa) |
|------------------------|-----------|-------------|-------------------------------|------------------|
| 7.2 / 10.8 / 14.4 / 18 | 80        | 70000       | 8                             | 12               |
| 7.2 / 10.8 / 14.4 / 18 | 100       | 75000       | 9                             | 14               |
| 7.2 / 10.8 / 14.4 / 18 | 120       | 80000       | 10.5                          | 16               |

## Technical Specifications

### Lifespan

**5000 h**

Rated Life

### Efficiency

- BZ4585 Series: 40%
- BJ3453 Series: 35%