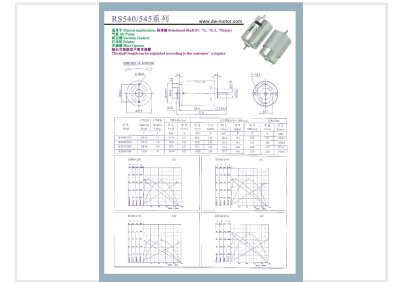


# RS540/545 Series DC Motor

The RS540/545 series DC motor is designed for various applications, including air pumps, vacuum cleaners and printers. It features customizable shaft lengths and a range of performance curves.



## Product Overview

### RS540/545 Series High-Efficiency DC Motors

The RS540/545 series offers versatile high-performance DC motor solutions engineered for various industrial and consumer applications including air pumps, vacuum cleaners, and printing equipment. These motors support a wide operating voltage range and provide robust torque and efficiency profiles to meet diverse mechanical requirements. Designed with customizability in mind, the series features adjustable shaft lengths to ensure seamless integration into your specific product designs.

## Key Performance Metrics

### Peak Efficiency Range

**67.9 %**

Max Efficiency (RS540S-3255)

**71.9 %**

Max Efficiency (RS545S-3060)

## Technical Specifications

### Customization

- Adjustable shaft length
- Standard shaft lengths: 67, 71, 72.4, 75 mm

### Typical Applications

Air Pump, Vacuum Cleaner, Printer, Wine Opener

## Model Performance Data

### Model Comparison Table

Model	Voltage Range	Nominal V	No-Load RPM
RS540S-3255	9.0-18	12	5170
RS540S-5045	1.5-15	6	8100
RS545S-2870	9.0-30	9	2270
RS545S-3060	15-36	30	17660