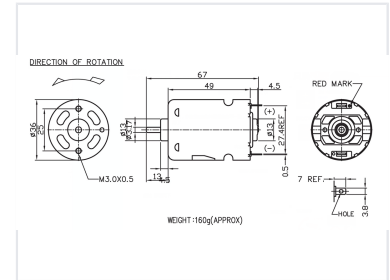
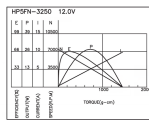
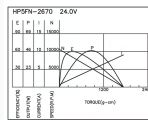
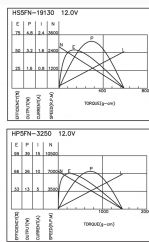
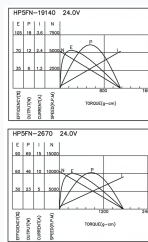


# DC Carbon-Brush Motor for Personal Care Devices

This carbon-brush DC motor is designed for use in personal care devices such as massagers. It features a durable metal housing with ventilation and standard terminals.



## ADDITIONAL IMAGES



## Overview

### High-Performance DC Carbon-Brush Motor

This compact DC carbon-brush motor is specifically engineered for personal care devices, such as massagers, where reliability and consistent performance are critical. Featuring a durable metal housing with integrated ventilation slots, the motor ensures efficient cooling during operation. It is designed with standard electrical terminals and M3 mounting points, making it an ideal choice for seamless integration into various consumer electronics.

## Physical Specifications

### Dimensions & Weight

Feature	Value
Overall Length	67 mm
Width	49 mm
Shaft Diameter	3.17 mm
Shaft Length	13 mm
Weight	~160 g

### Mounting & Construction

- Mounting Face Diameter: 36 mm
- Bolt Circle: 25 mm
- Mounting Holes: M3.0x0.5 Threaded
- Rear Face Reference Diameter: 27.4 mm
- Durable Metal Housing with Ventilation

## Performance Metrics

### Model Performance Data

**24 V**

HP5FN-19140 Voltage

**12 V**

HS5FN-19130 Voltage

**24 V**

HP5FN-2670 Voltage

**12 V**

HP5FN-3250 Voltage

## Electrical Specifications

### Rotation

Directional Arrow Indicated

### Connection

Standard terminals with (+) and (-) polarity indicators