

# 24V DC Gear Motor for Vehicle Applications

This DC gear motor is designed for vehicle applications. It features a robust construction and compact gearbox for optimal torque output and speed control.



## Product Overview

### VDF63 Series Performance Overview

The VDF63 is a high-performance DC gear motor specifically engineered for demanding vehicle-based applications. It combines a robust internal construction with a compact gearbox to deliver consistent torque output and precise speed control. Optimized for automotive and robotics integration, this 24V motor ensures reliability and efficiency in various operational environments.

## Performance Metrics

### Operating Characteristics

**24 V**

Rated Voltage

**48 W**

Rated Power

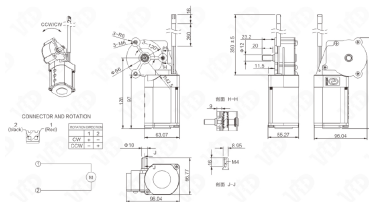
**18 N.m**

Stalling Torque

## Technical Specifications

Model	Rated Voltage	Rated Power	Rated Current	Rated Speed	Rated Torque	Stalling Torque	Stalling Current	Dimensions (mm)
VDF63	24V	48W	2.0A	29 RPM	18 N.m	21.6 N.m	12A	40x40x40

### Specification



Dimensional drawing and rotation configuration guide for the VDF63 series.

### Performance Table

Parameter	Value
No-load Speed	33 ±10% RPM
No-load Current	0.8 A max
Load Speed	29 ±10% RPM
Load Current	2.0 A max
Stalling Current	12 A max

### Rotation Capabilities

CW, CCW