

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

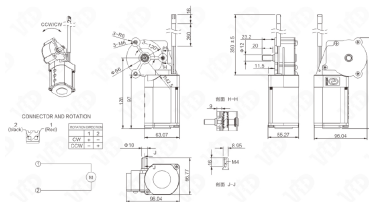
18 N.m

Stalling Torque

Technical Specifications

Model	Rated Voltage	Rated Power	Rated Current	Rated Speed	Rated Torque	Max Current	Max Speed	Max Torque
VDF63	24V	48W	2.0A	29 RPM	18 N.m	12A	33 RPM	27 N.m

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