

Vehicle DC Motor

This DC motor is designed for vehicle applications. It features a robust design and an integrated electrical connector.



Product Overview

VDR38 Series Vehicle DC Motor

The VDR38 is a robust 12V DC motor specifically engineered for demanding automotive environments. Featuring a compact cylindrical design, it integrates seamlessly into vehicle systems via a multi-pin connector. It offers reliable performance with stable speed control and a power output suitable for various vehicle-based applications.

Performance Metrics

Core Operational Metrics

3050 RPM
No-Load Speed

2400 RPM
Load Speed

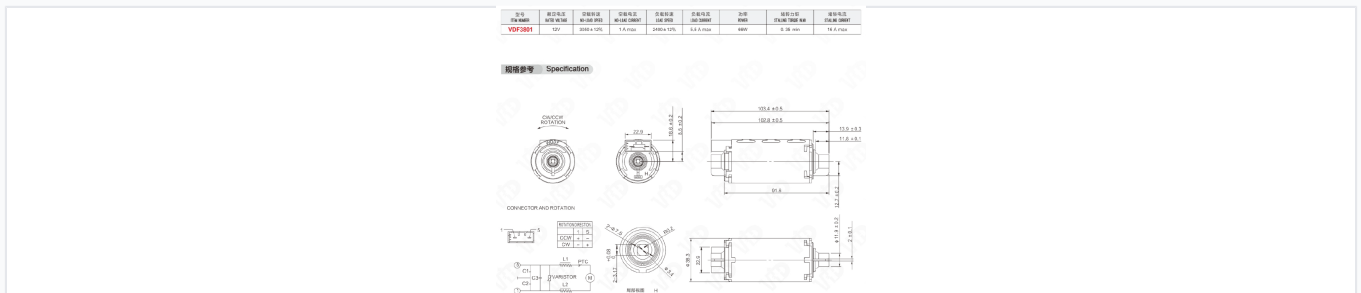
66 W
Power Output

0.35 N·m
Stalling Torque

Rated Voltage

12 V

Electrical Specifications



Technical specification and circuit diagram for the VDR38 series motor.

Electrical Limits

Parameter	Value
No-Load Current	1A max
Load Current	5.5A max
Stalling Current	16A max
Internal Components	Varistor, PTC

Technical Features

Design Characteristics

- Cylindrical metal housing
- Black plastic end cap
- Integrated multi-pin electrical connector
- Compact form factor for flexible mounting

Rotation

CW, CCW