

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

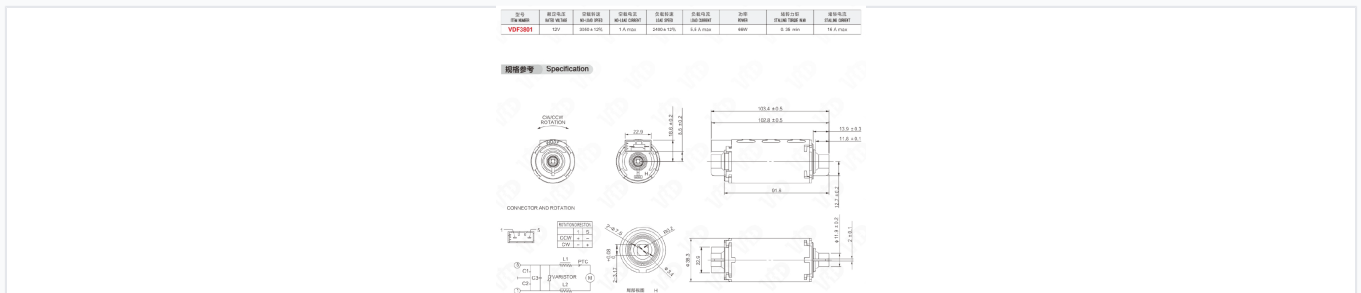
0.35 N·m

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