

Vehicle DC Motor with Geared Output

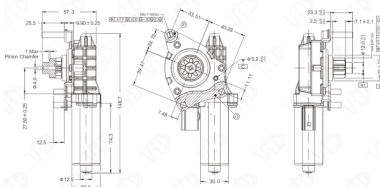
This DC motor is designed for vehicle applications. It features a geared output shaft, durable metal housing, and compact design.



Overview

型号	额定电压	空载转速	空载电流	满载转速	满载电流	功率	堵转扭矩	堵转电流
VDF35	12V	11 RPM	0.8 A	7.2 RPM	3 A	36W	20 Nm	8 A

规格参考 Specification



Technical diagram showing performance ratings and dimensional specifications for integration.

VDF35 Vehicle DC Motor

The VDF35 is a professional-grade vehicle DC motor engineered for robust performance and reliable power transmission. Featuring a durable metal housing and a high-precision geared output shaft, this unit is designed to withstand the rigors of demanding automotive environments. It provides a consistent power output of 36W with an efficient, compact design that simplifies integration into existing vehicle architectures.

Technical Performance

Rated Voltage	12 V
Power Output	36 W
Stalling Torque	20 Nm

Operational Metrics

Performance Metrics

11 RPM

No-Load Speed

0.8 A

Max No-Load Current

7.2 RPM

Load Speed

3 A

Max Load Current

8 A

Max Stalling Current

Mechanical Specifications

Key Dimensions

Parameter	Value/Spec
Overall Length	74.3 mm
Shaft Diameter	12.5
Mounting Pattern	M6x1-h6 (3x)

Mounting Configuration

Threaded studs, Integrated washers, M6x1-h6, 3-point mounting