Automotive DC Motor for Seating

This DC motor is designed for automotive seating applications, providing efficient power for adjusting seat positions. It features durable construction for reliable performance in demanding automotive environments.

Product Overview

VDR3803 Automotive Seating Motor

The VDR3803 is a specialized vehicle-based DC motor engineered for high-performance automotive seating adjustment systems. It is constructed with durable materials to ensure long-lasting reliability and smooth operation in demanding environments. Designed for seamless integration, this motor allows for precise positioning control, significantly enhancing user comfort and convenience within modern vehicle interiors.

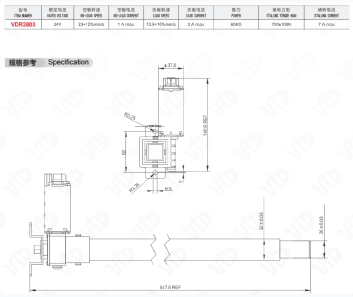
Technical Performance

Performance Metrics

60 KG	700 N	7 A
Thrust	Stalling Torque	Stalling Current

Rated Voltage	24 V

Operational Specifications



型号 TYN NUMB	额定电压 NOM VOLTAGE	空载转速 NO-LOAD SPEED	空载电流 NO-LOAD CURRENT	负载转速 LOAD SPEED	负载电流 LOAD CURRENT	推力 POWER	堵转力矩 STALL TORQUE Max	堵转电流 STALL CURRENT
VDR3803	24V	23+12%(mm/s)	1 A (Max)	13.6+10%(mm/s)	3 A (Max)	60KG	700±10N	7 A (Max)

规格参考 Specification

Load and No-Load Specs

Metric	Speed (mm/s)	Current (Max)
No-Load	23+12%	1A
Load	13.6+10%	3A

Physical Dimensions

Key Dimensions

- Diameter: ¦37.8mm
- Height: 140.6mm (REF)
- Overall Length: 547.5mm (REF)
- Shaft Diameter 1: 32±0.08mm
- Shaft Diameter 2: 26±0.08mm
- Radius: R3.25

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