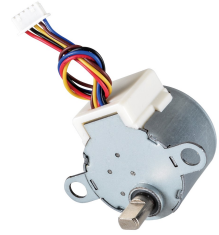


Compact DC Gear Motor

This compact DC gear motor features a metal gearbox and a multi-colored wire harness with a connector. It is suitable for various automation and robotics applications.

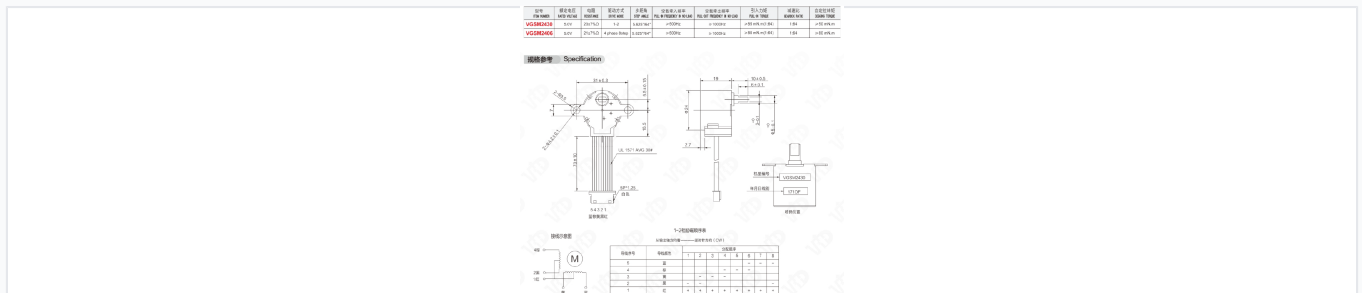


Overview

VGSM24 Series Gear Motor

The VGSM24 series gear motors are compact and efficient drive solutions designed for precision automation and robotics applications. These motors feature a robust metal gearbox with a 1:64 reduction ratio, ensuring reliable performance across various tasks. With a rated voltage of 5.0V and a step angle of 5.625°/64°, they offer consistent operational control and torque output suitable for demanding B2B integration projects.

Technical Specifications



Technical diagram detailing the VGSM24 series specifications, wiring sequence, and dimensions.

Rated Voltage	5 V
Gearbox Ratio	1:64
Step Angle	5.625°/64°
Drive Mode	4 phase 8 step

Performance Metrics

Key Performance Metrics

Metric	VGSM2430	VGSM2406
Resistance	20±7%⊙	21±7%⊙
Pull-in Torque	e85mN.m	e80mN.m
Cogging Torque	e50mN.m	e80mN.m

Frequency Specifications

500 Hz

Pull-in Frequency (No-load)

1000 Hz

Pull-out Frequency (No-load)

Connectivity

Wiring Information

- Wire Type: UL 1571 AVG 30#
- Connector: 5P*1.25
- Wire Colors: Blue, Brown, Yellow, Black, Red