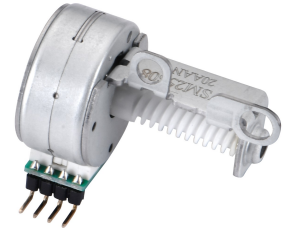


# Geared Stepper Motor for Precise Motion Control

This stepper motor is designed for precise angular positioning. It features a geared output shaft and multi-pin connector for control signals.



## ADDITIONAL IMAGES



## Product Overview

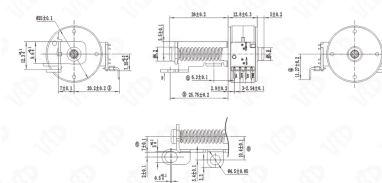
### Precision Motion Control

The VSM25 series stepper motors are compact electromechanical components engineered for high-precision angular positioning and automation. Featuring a robust geared drive mechanism, these motors ensure reliable performance in robotics and automated systems. Available in two distinct models to suit different impedance and torque requirements, they provide versatile integration options for sophisticated motion control tasks.

## Technical Specifications

型号 Model	额定电压 Rated Voltage	电阻 Resistance	额定电流 Rated Current	步距角 Step Angle	最大自锁扭矩 Max. Self-Locking Torque	最大保持扭矩 Max. Holding Torque	最大启动扭矩 Max. Starting Torque	额定速度 Rated Speed	最大速度 Max. Speed
VSM25S	24V	7.2Ω	2.2A	15°	8000gf-cm	18000gf-cm	18000gf-cm	1800RPM	1700RPM
VSM25M	24V	25Ω	2.2A	15°	10000gf-cm	10000gf-cm	10000gf-cm	1000RPM	900RPM

规格参考 Specification



Detailed dimensional specification diagram for VSM25 series stepper motors.

### Torque Comparison Table

Model	Introducing Torque	Tripping Torque
VSM25S	100 gf-cm	110 gf-cm
VSM25M	210 gf-cm	50 gf-cm

Rated Voltage: 24 V

Step Angle: 15 °

Drive Mode: 2-2

## Performance Metrics

### Performance: Model VSM25S

**7.2** ©

Resistance

**800 PPS**

Max Self-Start Frequency

**1800 PPS**

Max Continuous Response

**100 gf-cm**

Introducing Torque

### Performance: Model VSM25M

**31** ©

Resistance

**700 PPS**

Max Self-Start Frequency

**1200 PPS**

Max Continuous Response

**210 gf-cm**

Introducing Torque