

# Precision Gear Motor with Metal Gearbox

This precision gear motor features a compact design and a robust metal gearbox. It is suited for applications requiring precise motion control and high torque at low speeds.



## Product Overview

### Precision Gear Motor Series

The VGSM015 series gear motors are engineered for applications requiring precise motion control and reliable performance. Featuring a robust metal gearbox and a compact design, these motors are ideal for systems demanding high torque at low speeds. Each unit comes equipped with a multi-colored wire harness and a standard Molex connector for seamless integration into electronic control circuits.

## Electrical Specifications

Rated Voltage	5 V
Resistance	10 ± 10% ©
Drive Mode	2-2

## Performance Metrics

### Key Performance Metrics

**1000 pps**

Max Self-Start Frequency

**1850 pps**

Max Continuous Response

## Model Comparison

### Model Specifications

Feature	VGSM1509	VGSM1516
Gearbox Ratio	1:50	1:298
Step Angle	18°/50°	18°/298°
Output Torque	390 gf-cm	1930 gf-cm
Step-out/Cycle	15 Max.	15 Max.

