

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.

