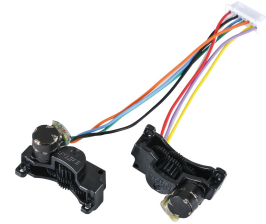


# VGSM06 Gear Motor

This gear motor is designed for audio-video applications, providing reliable and precise motion control. Its compact design and durable construction allow for easy integration into existing systems.



## Overview

### Precision Gear Motor for AV Applications

The VGSM06 is a specialized gear motor engineered for precise motion control in audio-video equipment. Featuring a compact design and durable construction, it integrates seamlessly into electronic systems requiring reliable rotational movement. With a gearbox ratio of 1:80 and adherence to JIS B 1702 3 grade manufacturing standards, this motor ensures consistent performance for zoom and focus functions.

## Electrical Specifications

Rated Voltage	3.3 V
Resistance	12±10%⊙
Drive Mode	2-2

## Performance Metrics

### Key Performance Metrics

**18 °/80**

Step Angle

**50 gf-cm**

Output Torque

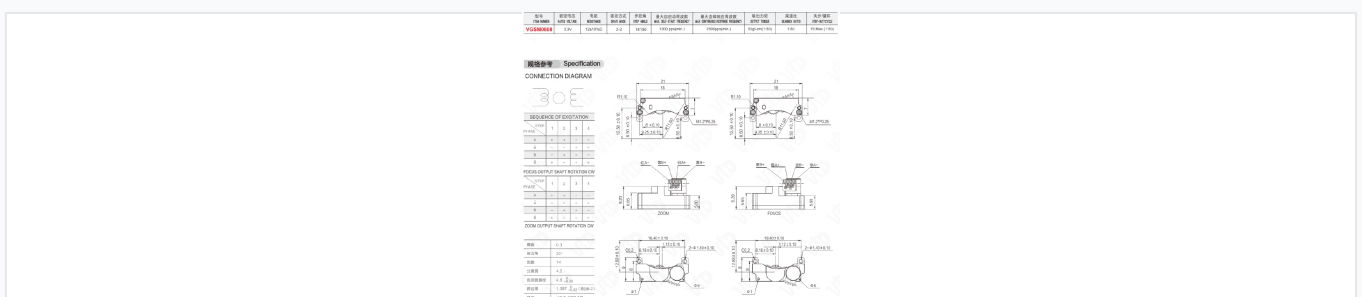
**1300 pps**

Max Self-Start Frequency

**2500 pps**

Max Continuous Response Frequency

## Mechanical Specifications



Detailed dimensional drawing and connection schematic for the VGSM06 gear motor.

### Manufacturing Standard

JIS B 1702 3 Grade

Gearbox Ratio	1:80
Step-out/Cycle	15 Max.(1:80)

## Gear Specifications

### Gear Technical Data

Parameter	Value
Module	0.3
Pressure Angle	20°
Number of Teeth	14
Pitch Circle	4.2
Addendum Circle Diameter	4.8-0.04