

INTRODUCTION

This is a miniature stepper motor with 100:1 metal reduction gear box for enhanced torque. It has a voltage input range of 5 - 12V DC. This product is suitable for the 3D printers and applications which require precise rotation control.

Note: Please limit the motor current, or overlarge current will burn the motor.

SPECIFICATION

- Stepper Motor:

- Coil resistance: $30\Omega \pm 10\%$
- NO. Of Phases: 2 PHASES
- Step Angle: 18° / Step
- MAX.Starting Frequency: 900PPS min
- MAX.Slewing Frequency: 1200 PPS min
- Pull IN Torque: 6gf-cm min
- Lead Out Torque: 10gf-cm max

- Stepper Motor with Gear Box:

- Step Angle: $18/100^\circ$ / Step
- MAX.Starting Frequency: 900PPS min
- MAX.Slewing Frequency: 1200 PPS min
- Pull IN Torque: 0.5Kgf-cm min
- Lead Out Torque: 0.8Kgf-cm max

- Cable Length: 15cm

- Weight: 14g

• DOCUMENTS

- [Motor Specification](#)

SHIPPING LIST

- Micro Metal Geared Stepper Motor (12V 0.6kg.cm) x1