



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





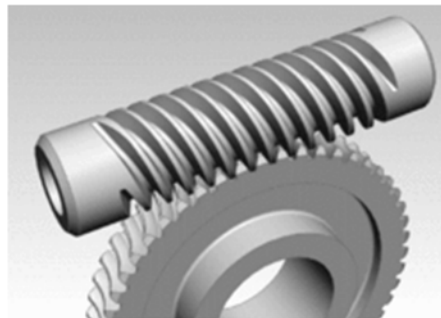
## Turbo Metal Gear Worm Motor (12V 40RPM 8kg.cm)

SKU:FIT0489-D



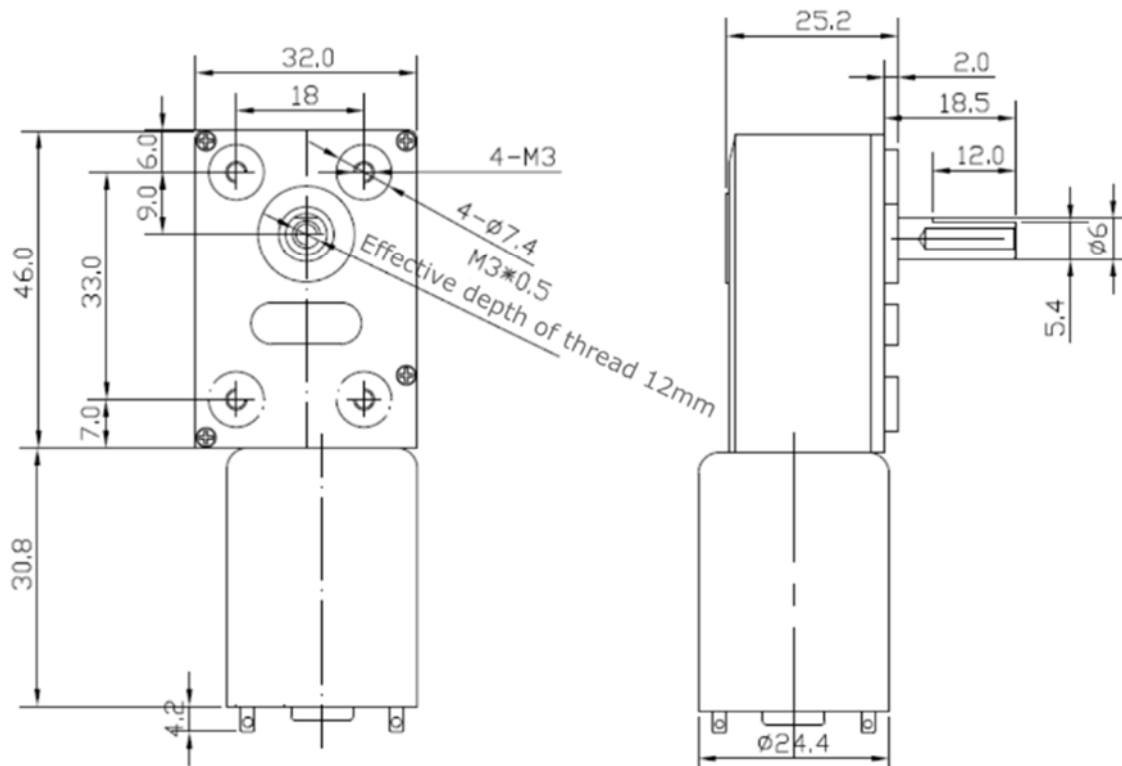
### INTRODUCTION

The turbo metal gear worm motor uses a metal gear box for durability and a high torque output. Due to the special mechanical structure of the worm drive the motor output shaft is self locking and can not be rotated.



(From wikipedia)

This part uses a two wire connection and supports direction control as well as PWM speed control. Rated voltage is 12v and will achieve 40RPM, with a torque of 8kg/cm.



Warning: Do not stall motor for extended periods of time to avoid damage to the gearbox.

## SPECIFICATION

- Operating Voltage: 6 - 15 V
- Rated Voltage: 12V
- No-load Speed: 40 RPM
- No-load Current: 35 mA
- Rated Torque: 32 RPM
- Rated Current: 180 mA
- Rated Torque: 2.2 kg.cm
- Rated Power: 1.1 W
- Stall Torque: 8 kg/cm
- Stall Current: 1 A
- Reduction Ratio: 1:150
- Weight: 167 g

## SHIPPING LIST

- Metal Turbo Worm Gear Motor (12V 160RPM 2.2kg.cm)