



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!



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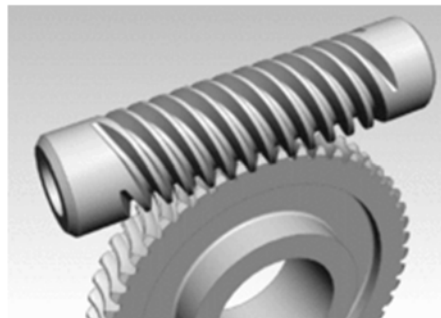


## Turbo Metal Gear Worm Motor (12V 160RPM 2.2kg.cm) SKU:FIT0489-C



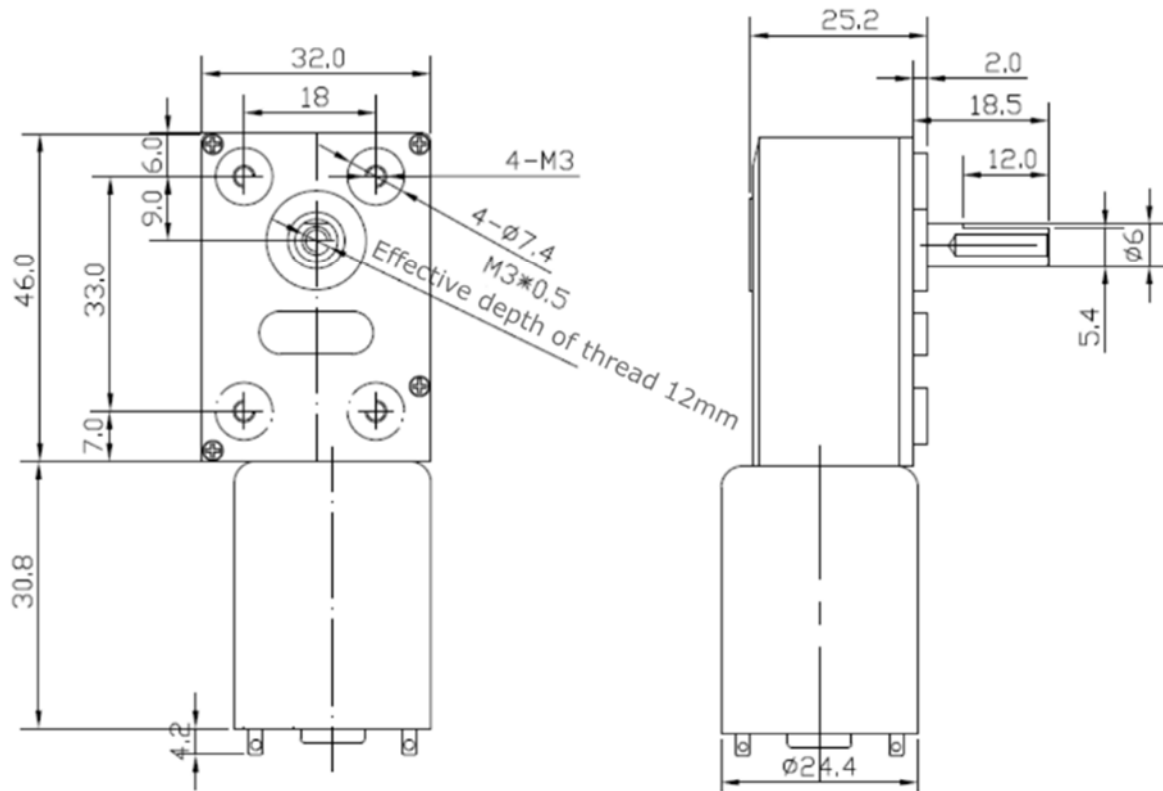
### INTRODUCTION

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 160RPM, with a torque of 2.2kg/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: 160 RPM
- No-load Current: 35 mA
- Rated Torque: 128 RPM
- Rated Current: 180 mA
- Rated Torque: 0.55 kg.cm
- Rated Power: 1.1 W
- Stall Torque: 2.2 kg/cm
- Stall Current: 1 A
- Reduction Ratio: 1:37.3
- Weight: 165 g

## SHIPPING LIST

- Metal Turbo Worm Gear Motor (12V 160RPM 2.2kg.cm) x1