



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





TT Geared Motor with Back Shaft (180rpm 6v L Shape)

SKU: FIT0016 Brand: DFRobot



INTRODUCTION

This is a TT Micro DC Geared Motor with Back Shaft working at 6V with 180rpm. The TT motor series the most popular DC motors for DIY enthusiasts. It is designed to easily incorporate the DFRobot Encoder. These motors are inexpensive, small, easy to install, and ideally suited for use in a mobile robot. The DFRobot ROMEO microcontroller is able to complete the closed-loop PID making use of the [optional encoders](#).

We recommend this [rubber wheel](#) for this motor.

SPECIFICATION

Electrical Characteristics:

- Operating Voltage Range: 3~7.5V
- Rated Voltage: 6V
- Max. No-load Current(3V): 140 mA
- Max. No-load Current(6V): 170 mA
- No-load Speed(3V): 90 rpm
- No-load Speed(6V): 160 rpm

- Max. Output Torque: 0.8 kgf.cm
- Max. Stall Current: 2.8 A

Operating Conditions:

- Rated Load: 0.2 kgf.cm
- Operating Temperature: -10~+60 °C
- Storage Temperature: -30~+85 °C
- Motor Type: 130

Mechanical Characteristics:

- Output Mode: 2 sides
- Gear Ratio: 1:120
- Max. Diameter of Output Axle: 5.4 mm
- Net Weight: 45 g

SHIPPING LIST

- Micro DC Geared Motor with Back Shaft x1