



Micro Metal Gear Motor with Connector (30:1)

SKU:FIT0467



INTRODUCTION

This motor has a long (0.365"/9.27 mm) D profile metal output shaft that matches the 42x19mm and 32x7mm dimensions of the Pololu wheel. The brass faceplate has two mounting holes threaded for M1.6 screws (1.6mm diameter, 0.35mm thread pitch), or you can use the mounting bracket or extended mounting bracket, which are specifically designed to securely mount the gear motor while enclosing the exposed gears. We recommend the extended mounting bracket for wheels with recessed hubs, such as the 42×19mm wheel.

The motor comes with PH2.0 port which is easy to connect and solderless. An integrated circuit enhances its anti-jamming capability.

Compatible with MiniQ Robot Chassis

SPECIFICATION

- Operating Voltage: 1.0~6.0V
- Motor Speed: 500 rpm@6V
- Gear Ratio: 30:1
- Rated Speed: 443 rpm@6V
- Rated Current: 40mA@6V
- Stall Current: 100mA@6V
- Stall Torque: 1.2kg*cm@6V
- Weight: 15g

DOCUMENTS

Motor Dimensions

https://github.com/Arduinolibrary/DFRobot_DC_gearmotor_with_connector/raw/master/N20%20Dimension.pdf

SHIPPING LIST

- Micro Metal Gear Motor with connector (30:1) x1
- Double PH-2.0 cable x1
- Single PH-2.0 cable x1