



## Micro Metal Gearmotor 50:1 SKU:FIT0094



### INTRODUCTION

This motor has a long (0.365" or 9.27 mm), D-shaped metal output shaft that matches the Pololu wheel 42x19mm and 32x7mm. The brass faceplate has two mounting holes threaded for M1.6 screws (1.6 mm diameter, 0.35 mm thread pitch), or you can use the mounting bracket or extended mounting bracket, which are specifically designed to securely mount the gearmotor while enclosing the exposed gears. We recommend the extended mounting bracket for wheels with recessed hubs, such as the [wheel](#) 42x19 mm.

### SPECIFICATION

- Motor speed (No gearbox): 13000 rpm
- Gear ratio: 50:1
- Motor speed (with gearbox): 260 rpm
- Rated current: 30mA @ 6V
- Stall current: 350mA @ 6V
- Stall torque: 0.39kg\*cm @ 6V

### SHIPPING LIST

- Micro Metal Gearmotor x1