



# 36mm Encoder DC Motor

SKU: 81335 Weight: 450.00 Gram

## What Is 36mm Encoder DC Motor ?

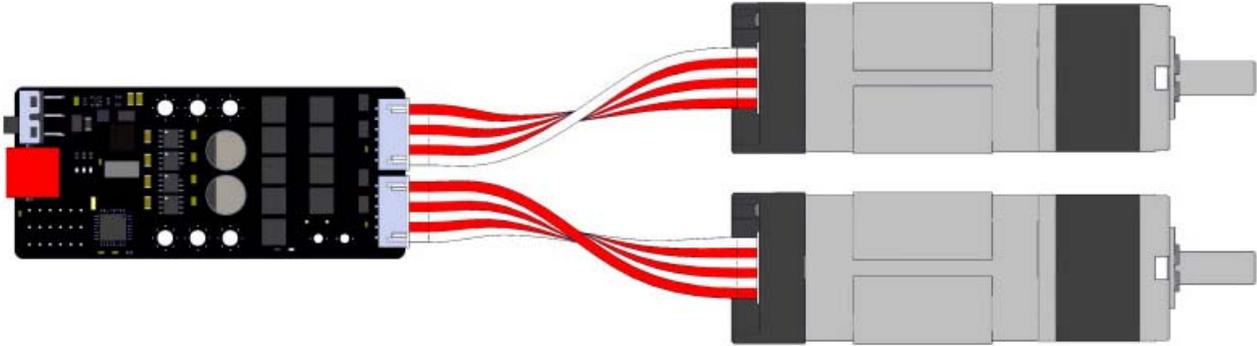
36mm Encoder DC Motor is designed to drive all kinds of transmission devices with precise control over the speed and movement. It can be connected with [Me High-Power Encoder Motor Driver](#) by using the 6P motor cable. You can control the diver through programming on the computer or connect it with [Makeblock Orion mainboard](#) via RJ25 cable.

## Features of the Encoder Motor

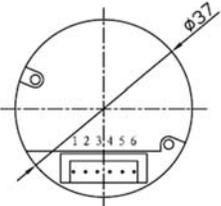
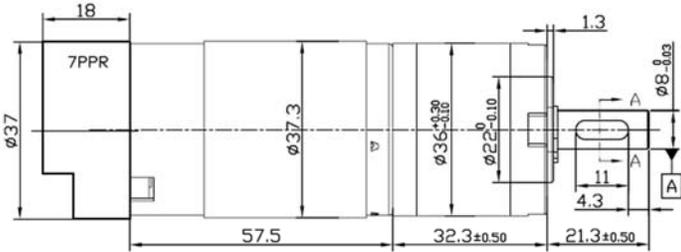
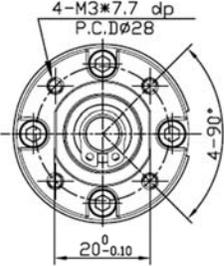
- ? Control the speed and the movement of the motor precisely;
- ? Real-time speed and position feedback;
- ? Comes with overload protection;
- ? Easy wiring with RJ25 interface;
- ? Can be connected with encoder motor driver easily by using the 6P encoder motor cable.

# Demo:

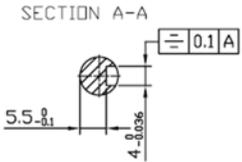
## Connecting with Me High-Power Encoder Motor Driver



# Size Charts



- 1. MOTOR-
- 2. MOTOR+
- 3. HALL SENSOR Vcc
- 4. HALL SENSOR GND
- 5. HALL SENSOR A Vout
- 6. HALL SENSOR B Vout



## Specifications of the 36mm Encoder DC Motor

Rated Voltage	12V
No Load Current (A)	$\leq 0.650$
NO Load Speed (RPM)	$223 \pm 10\%$
Rated Load Torque (kgf.cm)	7
Rated Current (A)	$\leq 2.500$
Rated Load Speed (RPM)	$178 \pm 10\%$

## Product Information

SKU	81335
Product Name	36mm Encoder DC Motor Pack
Total Weight	450 g
Package Content (Quantity x Part Name)	1 x 36mm Encoder DC Motor 1 x 2.54mm 6P Encoder Motor Cable – 300mm 1 x M4*4*10-Key



<https://store.makeblock.com/36mm-encoder-dc-motor/2-26-19>