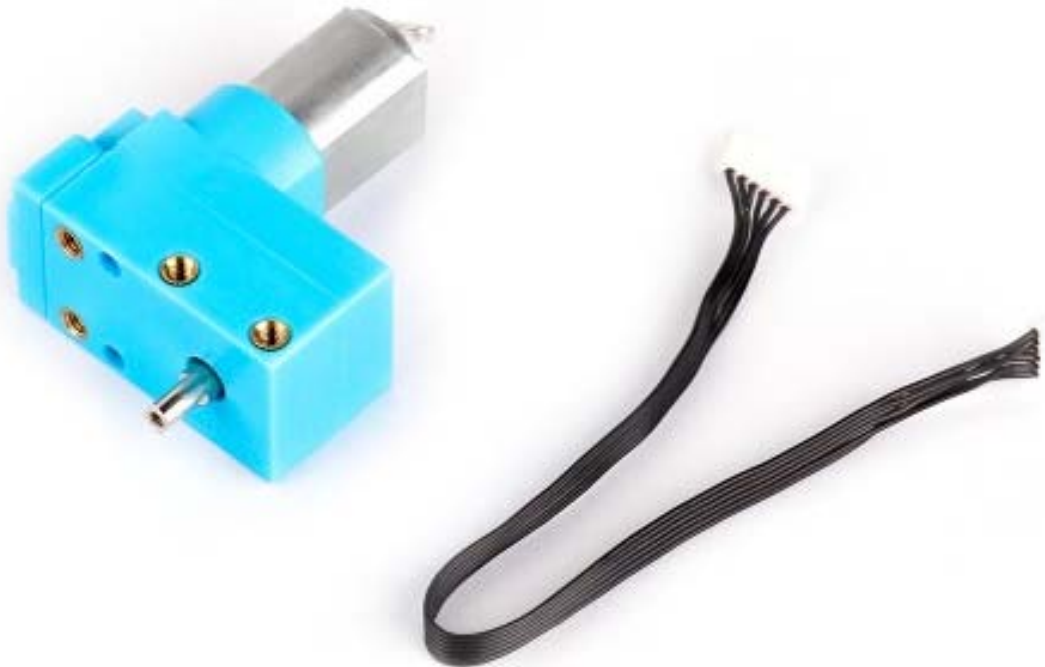




180 Optical Encoder Motor

SKU:81340 **Weight:**66.00 Gram



What is 180 Optical Encoder Motor?

180 optical encoder motor is equipped with optical encoder which enables motor to control in high-accuracy. And the unique structure makes this motor compliable with various parts. Meanwhile, due to the special materials, it produces lower noise while running and promises large output torque.

Features

- Flexible installation: compliable with Makeblock platform, having flexible installation. Directly drive sprockets, gears, synchronous belts, rubber tires and tracks, etc;
- Optical encoder: control precisely with PID and PWM calculation;
- Powerful capability: compared to other motors in the same level, this encoder motor has high torque, high reduction ratio and high output rotate speed;
- Lower noise: equipped with gear case in POM materials which is anti-abrasive and makes lower noise;
- Long service time: with special 45# steel output shaft, the motor can transmit great torque efficiently as well as reduce attrition and increase service life.

Demo



Specifications

Reduction Ratio	39.6
Rated Voltage	7.4V
No Load Current	240mA
Load Current	≤750mA
NO Load Speed	350RPM±5%
Rated Load Speed (RPM)	178±10%
Rated Speed	14000RPM±5%
Rated Load Torque	800g.cm
Break-out Torque	5kg.cm
Output Shaft	9mm
Power	3.7W
Encoder accuracy	360

Product Information

SKU	81340
Product Name	180 Optical Encoder Motor Pack
Package content	1 x 180 Optical Encoder Motor Pack 1 x 180 Optical Encoder Motor Pack – 180mm – black
Package Dimension	150*103*30 mm (5.9*4.1* 1.2 inch)
Product Dimension	65.3*48.1*24.0 mm (2.57*1.90*0.95 inch)
Net Weight	61.5g (2.17oz)