

37mm 6V 103RPM Heavy Duty High Torque Gear Box DC Motor

Feature:

Gearhead motor

High quality

With metal cover

Built-in cooling fan

Heavy duty design

Runs in either direction by reversing power supply polarity

Benefiting from high torque and low noise, this motor is solidly constructed and ready to install in numerous applications

Specifications:

Diameter: 37mm

Length (excluding shaft): 84.5mm

Total length: 111mm

Shaft length: 15.5mm

Shaft diameter: 6mm

Front panel 3.0mm Screw for fixing this motor

Nominal voltage: 6V DC

Operating voltage range: 3 - 18V DC

No load speed at 6 V: 103 rpm

No load current: 0.8A

Load speed: 82 rpm

Load current: 1.5 A

Operating torque: 13kg.cm

Stall torque: 50kg.cm

Stall current: 5A

Gear ratio: 0.0972222222222222

Power: 30W

Weight: 300g

Application:

Mainly used for remote-controlled car, electric motorbike, ATV, Kart, robot, rolling blind and electric projector, etc.

Warning:

Do not frequently stall the motor, or else the gear of motor will be broken.

Owing to large torque and high power, the starting current of motor is relatively large, up to 6A. After starting the motor, the current will be back to normal, about 1A~2A. You should choose high power supply above 10A, or else you cannot start the motor.

