

- Why Use DC Motor?

Because of their high torque and good speed control.

A DC motor offers a high starting torque, which makes it perfect for use in applications that are designed to move heavier loads.

The consistent drive power that DC motors deliver means they're ideal for maintaining a constant torque whilst an application is in use, making them an excellent choice for a geared motor solution, it offers rapid acceleration, and it's an option to reverse direction and start/stop efficiency.

DC motors have high sustained torque. This makes them ideal for robotics applications that require a constant force. Furthermore, DC motors have a wide range of speed capabilities that make them ideal for robotics applications that require accurate speed control.

Additionally, DC motors can be easily controlled with an embedded computer system. This makes them ideal for robotics applications that require computer control. DC motors also provide a smooth and consistent rotational motion which makes them ideal for robotics applications that require precise motion.

Titan Dc Gearhead Motor 12V 200 RPM:

- The diameter of the motor is 37mm. Length is 75mm.
- 6mm diameter shaft section, shaft length 17 mm.
- 6 M3 screw holes on the front side are available.
- No load current is 60ma, and stall current is 4.1 Ampere.
- All Gearhead gears are metal.
- Motor's stall torque is 10.35 kg-cm.
- Speed is 200 Revolution per minute.