

Metal DC Geared Motor w/Encoder CQGB37Y001



Description:

Gear Ratio: 30:1

Max Power: 6V/12V - 7W/12W

No-load Speed: 6V-115 rpm or 12V-330 rpm

No-load Current: 6V-0.15 A or 12V-0.2 A

Stall Current: 6V-2.8 A or 12V-5.5 A

Stall Torque: 6V-7.5 kg.cm (101 oz.in) or 12V-14 kg.cm (190 oz.in)

Encoder Operating Voltage: 3.3V to 24V

Encoder Type: Hall (Incremental Type)

Encoder Resolution: 64CPR

Cable Specifications: 22AWG with 20 cm length

Cable Material: Silicone

Cable Output: 2.54 mm DuPont Female

Line Sequence:

- Red: Motor Power (Connects to One Motor Terminal)
- Black: Motor Power (Connects to the Other Motor Terminal)
- Gray: Encoder GND
- Blue: Encoder VCC (3.3 V to 24 V)
- Yellow: Encoder A Output
- White: Encoder B Output;

Operating Temperature: -20 Degree Celsius to +60 Degree Celsius

Weight: 235 g

CQRobot-Wiki for more information :

http://www.cqrobot.wiki/index.php/Metal_DC_Geared_Motor_w/Encoder_CQGB37Y001

