# Metal DC Geared Motor w/Encoder CQGB37Y001

Une image contenant diagramme

Description générée automatiquement

**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>

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