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DC Motor GM25-370 (25#), High torque,with metal gear, hall sensor speed measuring module for RC smart tank car,Free shipping

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15 orders

Price: **US \$6.98** / piece

Approximately R\$ 27,95 / piece

Shipping: **Free Shipping to Brazil via China Post Registered Air Mail**

Estimated Delivery Time: 34-60 days

Quantity: piece (773 pieces available)Total Price: **US \$6.98** (Approximately R\$ 27,95)

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Use: Vehicles & Remote Control Toys

Technical parameters: Value 2

Upgrade Parts/Accessories: Tires

Model Number: GM25-370 Motor

Material: Rubber

RC Parts & Accs: Motors

For Vehicle Type: Cars

Remote Control Peripherals/Devices: Motor

Tool Supplies: Battery

Four-wheel Drive Attributes: DC motor

Product Description

Motor Parameters:

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High Torque DC motor
9V/150rpm with Hall Sensor Encoder

Name: GM25-370 Metal Gear DC Motor

Working voltage: 9V

Output speed: $150 \pm 10\%$ rpm

No-load current: 200mA (max)

Stall current: 4500mA (max)

Stall torque: 9.5kg-cm

Rated speed: $100 \pm 10\%$ rpm

Rated torque: 3kg-cm

Rated current: 1200mA (Max)

Noise : 56dB

Outside Shaft Length: 14.5mm

Shaft End Play: 0.05-0.50mm

Screw Size: M3.0

Dia. Of Shaft: $\phi 4\text{mm}$, D3.5

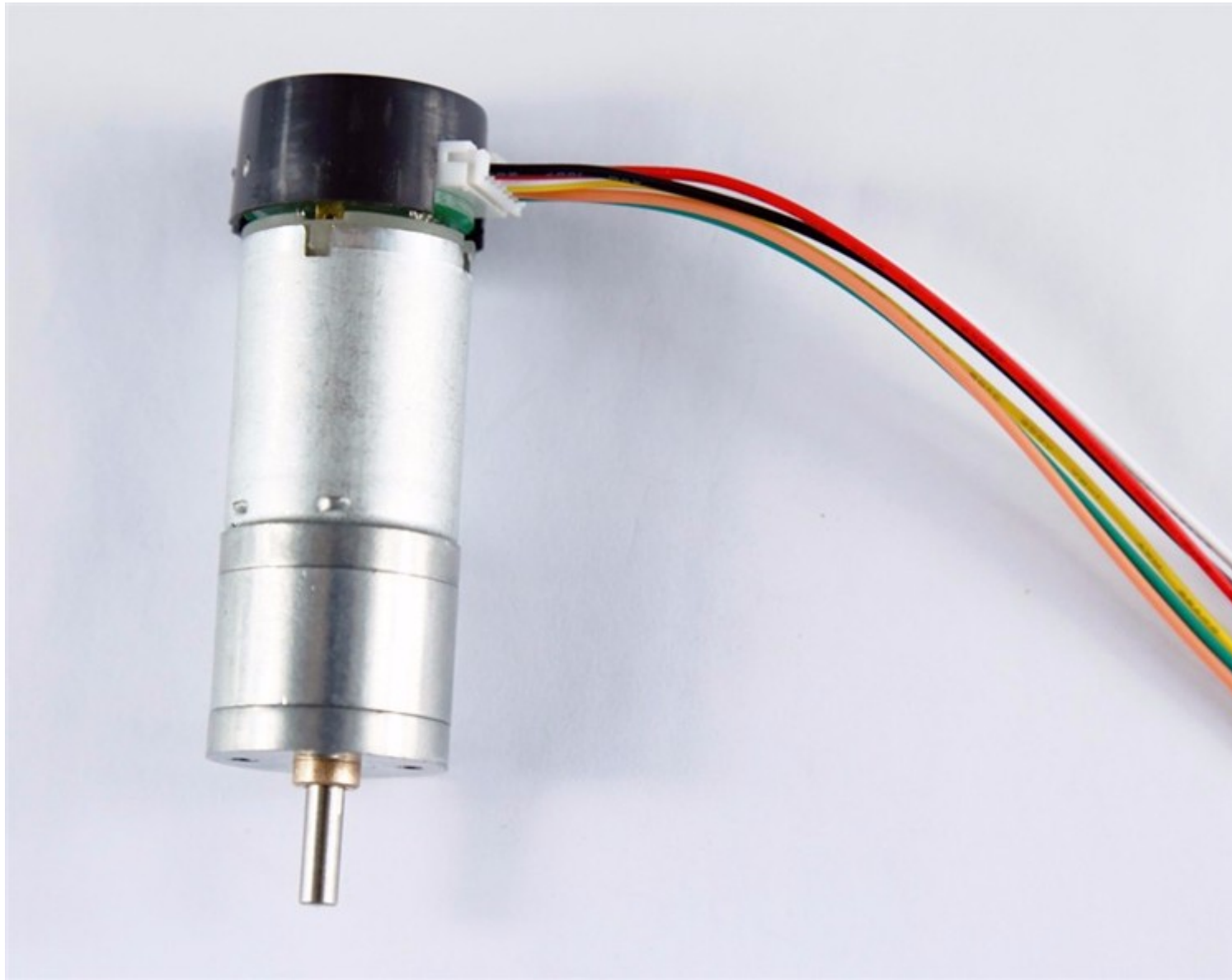
Encoder: 2pulses/circle



Shipping List:

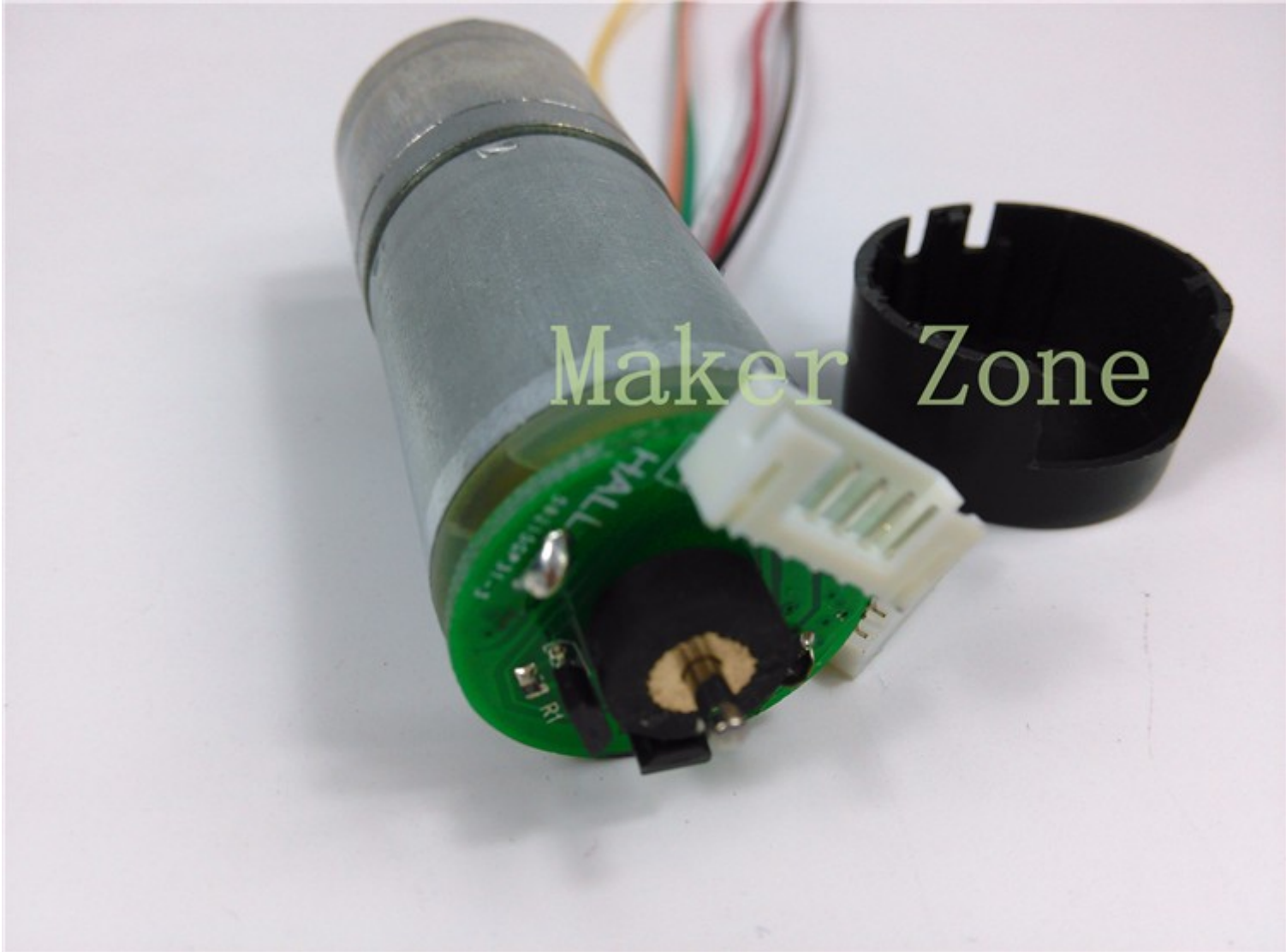
- GM25-370(25#) DC Motor 1pcs (includes the Hall sensor wires)

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the [GM25-370 DC Motor 9V/150rpm with Hall Sensor for Speed Measurement](#) as the following picture.

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the test parameters of the motors:

产品型号 : GM25-370-24140-75-14.5D10			
1. 标准使用条件 (Standard Operating Conditions)			
NO.	项目 (Item)	规格 (Specification)	检验方法 (Test Method)
1.1	额定电压 (Rated Voltage)	DC 9.0V	电压表 (Multimeter)
1.2	转速 (Gear Ratio)	1/75	

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1.3	马达转向 (Rotation)	CW	手感 (Handle)
1.4	姿势 (Motor Position)	检查时水平 (All position in horizontal)	手感 (Handle)
1.5	检测时时温度范围 Temperature	0 Degree - 30 Degree Celsius	温度计 (Thermometer)
1.6	检测时时湿度范围 Humidity	30% ~ 95%	湿度计 (Hygroscope)

2. 电机性能 (Performance Of Motors)

NO.	项目 (Item)	规格 (Specification)	检验方法 (Test Method)
2.1	空载转速 (No-load Speed)	11500±10%rpm	转速表 (Flash Speed Indicator)
2.2	空载电流 (No-load Current)	180mA(Max)	电流表 (DC Power Supply)
2.3	堵转电流 (Stall Current)	4500mA(Max)	电流表 (DC Power Supply)
2.4	堵转力矩 (Stall Torque)	160g.cm	扭力计 (Torque Measure)

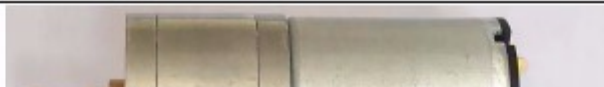
3. 整机性能 (Performance of Gear motors)

NO.	项目 (Item)	规格 (Specification)	检验方法 (Test Method)
3.1	输出转速 (Output Speed)	150±10%rpm	转速表 (Flash Speed Indicator)
3.2	空载电流 (No-load Current)	200mA(Max)	电流表 (DC Power Supply)
3.3	堵转电流 (Stall Current)	4500mA(Max)	电流表 (DC Power Supply)
3.4	堵转力矩 (Stall Torque)	9.5kg.cm	扭力计 (Torque Measure)
3.5	负载力矩 (Rated Torque)	3000g.cm	扭力计 (Torque Measure)
3.6	负载电流 (Rated Current)	1200mA(Max)	电流表 (DC Power Supply)
3.7	负载转速 (Rated Speed)	100±10%rpm	转速表 (Flash Speed Indicator)
3.8	噪音 30CM (Noise)	56dB	分贝仪 (Digital Sound Levcl Meter)

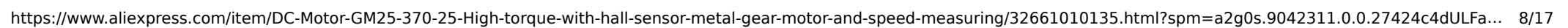
4. 基本尺寸 (The Dimension)

NO.	项目 (Item)	规格 (Specification)	检验方法 (Test Method)
4.1	轴伸尺寸 (The Outside Shaft Length)	14.5mm	卡尺 (Vernier Calipers)
4.2	轴向间隙 (Shaft End Play)	0.05-0.50mm	治具 (Frock)
4.3	螺孔 (Screw Size)	M3.0	治具 (Frock)
4.4	出轴直径 (Dia.of shaft)	Φ4mm D3.5	卡尺 (Vernier Calipers)
4.5	外形安装尺寸 (Outline Mounting Dimension)	Refer to the Outline Drawing	治具和卡尺 Calipe

5. 产品照片 (The product photos)



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The Hall sensor:

- VM,GM is the motor's VCC and GND;
- V,G is the sensor's VCC and GND;
- S1,S2 is the sensor's signal output.



The Wire Connection:

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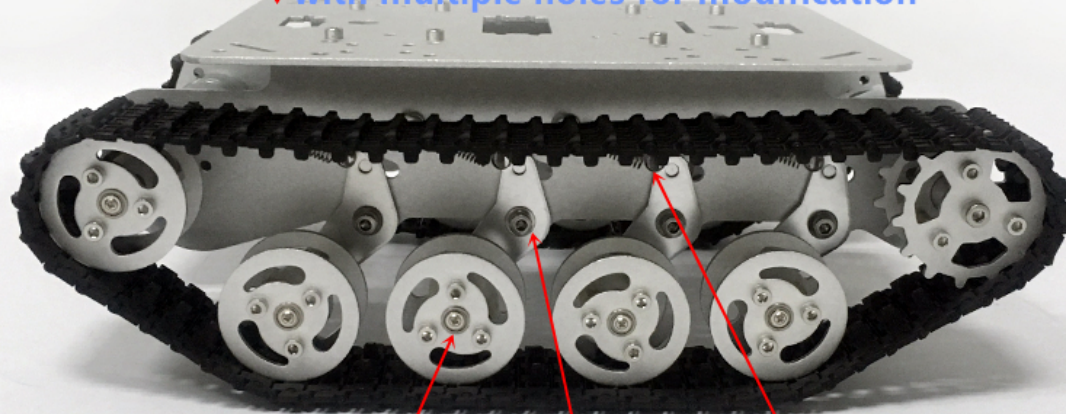
Examples of Application:

[TS100 tank car with Plastic tracks >>](#)

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TS100减震坦克车

铝合金底板车架,
Aluminum Alloy Chassis Frame
多孔位预留, 多种改装
with multiple holes for modification



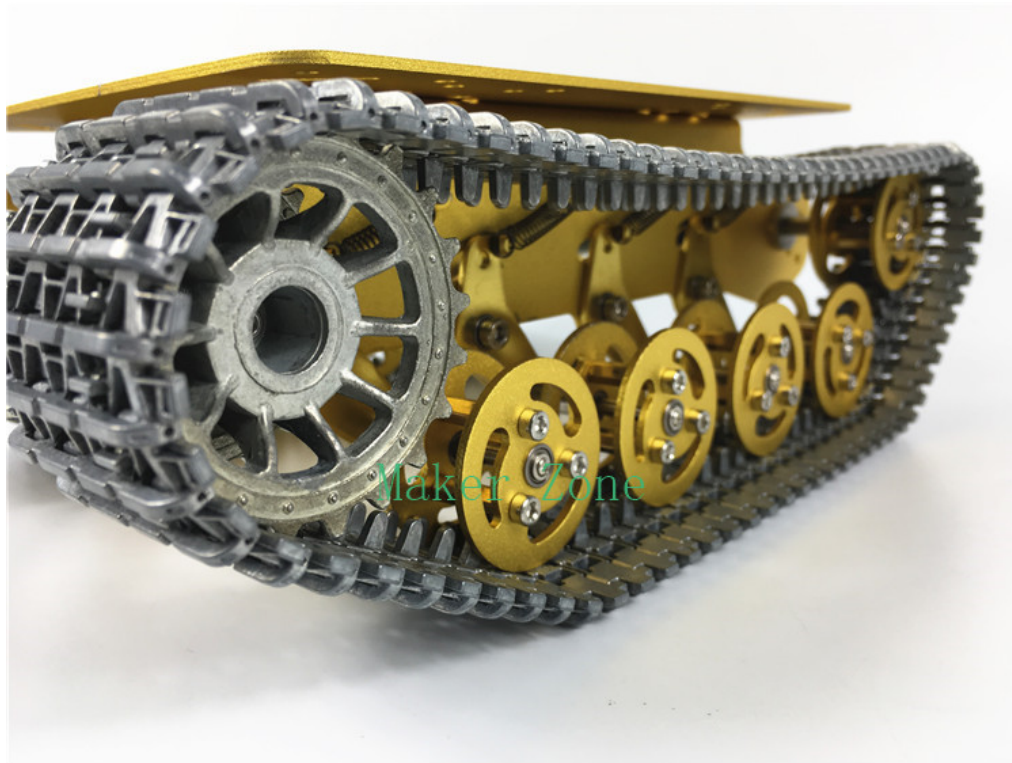
双滚动轴承设计
铝合金承重轮
Two Rolling Bearing
Aluminum alloy wheel

轴承链接
Connecting
with Bearing

独立减震
Shock Absorber
with the Spring

[TS100-MT all metal tank car >>](#)

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Related Products:

[the CGM25-370 12V/330rpm DC Motor >>](#)

(Note: This Motor has no the Encoder for Speed Measurement, but with higher speed)

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Working voltage: 12V

Reduction-gear Ratio: 1:34

Output speed: $330 \pm 10\%$ rpm (0.24A)

Stall torque: 13kg-cm (4.8A)

Rated torque: 3kg-cm

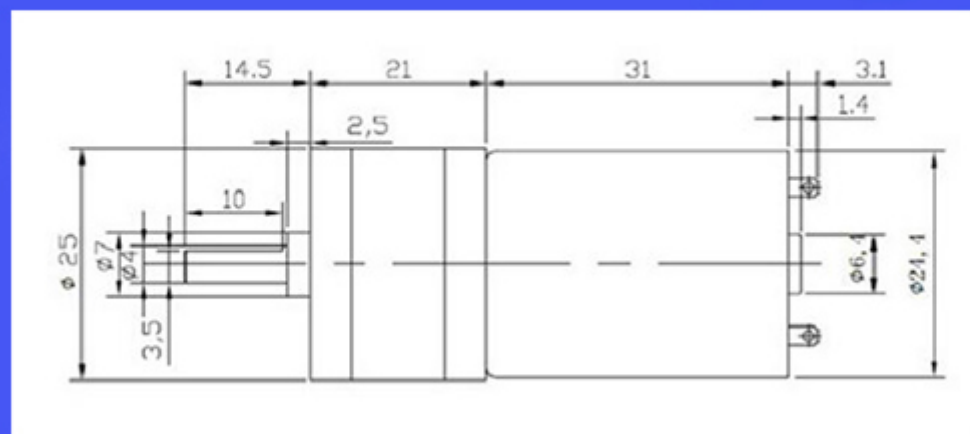
Rated speed: $210 \pm 10\%$ rpm

Outside Shaft Length: 14.5mm

Screw Size: M3.0

Dia. Of Shaft: $\phi 4\text{mm}$, D3.5

Without Encoder



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Packaging Details

Unit Type: piece

Package Weight: 0.12kg (0.26lb.)

Package Size: 15cm x 10cm x 10cm (5.91in x 3.94in x 3.94in)

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15 transactions in last 6 months.

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F***. ES	2 pieces 16 May 2018 12:26
M***. TH	1 piece 02 May 2018 02:02
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