

# 12v Gm25-310 500rpm Dc Encoder Gear Motor Metal Speed Reduction Motor With Cable - Dc Motor

12V GM25-310 30/70/100/500rpm DC Encoder Gear Motor Metal Speed Reduction Motor with Cable



Voltage(V): 12V 500

12V 500



## DESCRIPTION

### Specification:

Brand: Machifit  
Model: GM25-310  
Voltage: 12V

Type	Gear ratto	No load		Load torque			Stall	
		Speed	Current	Speed	Current	Torque	Current	Torque
A	1:300	30RPM	≤150mA	28RPM	≤170mA	850g.cm	≤2.1A	6.4kg.cm
B	1:150	70RPM	≤170mA	65RPM	≤170mA	680g.cm	≤2.1A	5.8kg.cm
C	1:90	100RPM	≤170mA	91RPM	≤150mA	550g.cm	≤2.1A	4.8kg.cm
D	1:18	500RPM	≤180mA	455RPM	≤185mA	680g.cm	≤2.1A	4.8kg.cm

### Feature:

## 12v Gm25-310 30/70/100/500rpm Dc Encoder Gear Motor Metal Speed Reduction Motor With Cable - Dc Motor - AliExpress

- This DC motor features large moment of force, low speed, and low noise.
- The gear motor is primarily designed to reduce speed in a series of gears, which in turn creates more moment of force.
- Applications: perfect for window opener, door opener, mini windlass etc.
- This motor is adopted of pure copper wire coil, with low heat and low loss.
- The motor is made of metal gear, wear-resisting, avoid tooth breaking, so with long serving life.

### Package Included:

1 x DC Encoder Gear Motor with cable

## SPECIFICATIONS

Torque: 12.8KG.CM

Continuous Current(A): 0.05A

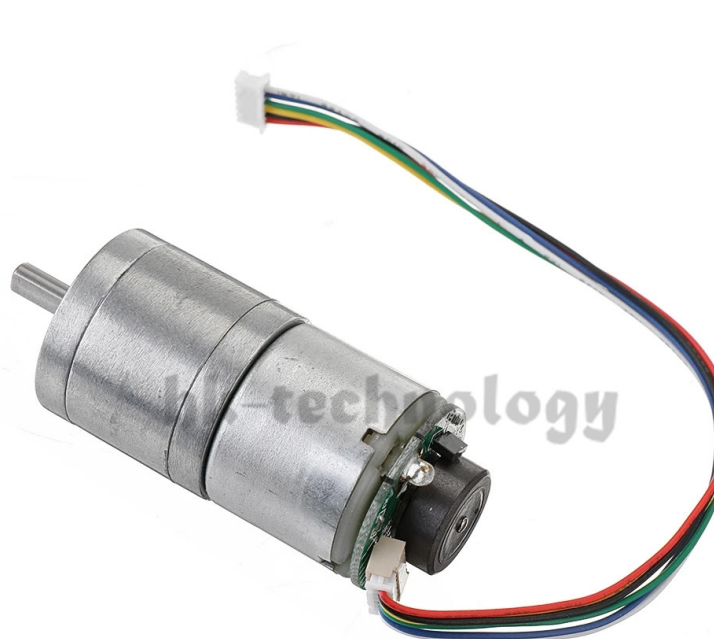
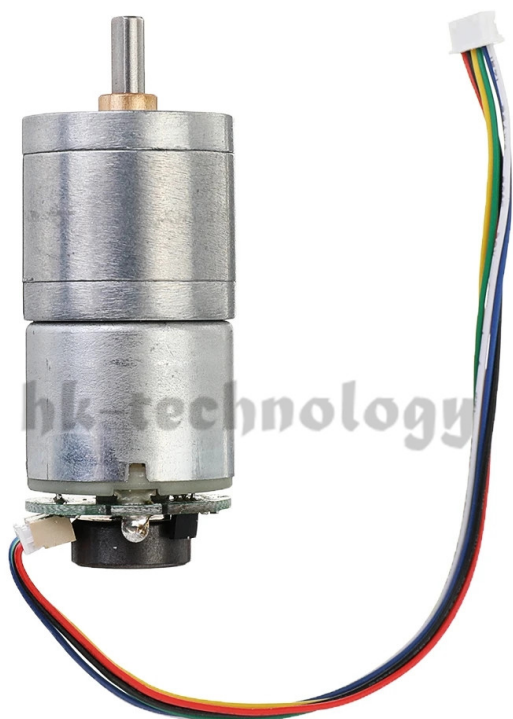
Type: Micro Motor

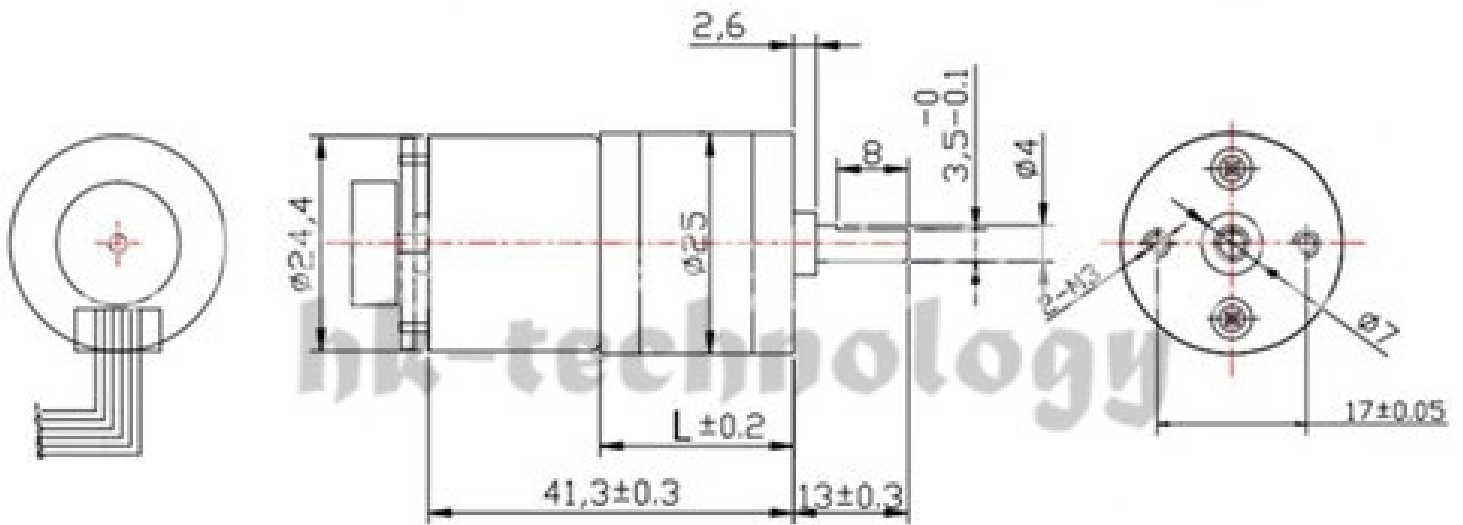
Origin: Mainland China

Output Power: 2W

Commutation: Brush

Certification: ce







Report No.: EED32M002152

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**Verification Report**

No. CANEC1414316401 Date: 12 Sep 2014 Page 1 of 13

SHENZHEN SHI XIN TONG XING MECHANICAL ELECTRICAL CO., LTD.  
TANGTOU COMMERCE-RESIDENCA A20 BUILDING, SONGGANG STREET, BAOAN DISTRICT,  
SHENZHEN  
CHINA

Sample Name : Gear Motor  
SGS Job No. : CP14-047044 - SZ  
Tested Basic Model No. : GA12YN20  
(P.O. No.):  
Client Ref. Info. : According to declaration from client, the materials in models GA12YN30, GA12YN10, GA13YN050, GA16YN030, GA16YN050, GA25YN370, GB37Y520, #B32GB-370, GA14YN20, GA25Y310 are the same as those in model GA12YN20.  
Date of Sample Received : 28 Aug 2014  
Verification Period : 28 Aug 2014 - 12 Sep 2014  
Verification Requested : With reference to RoHS Directive 2011/65/EU recasting 2002/95/EC.  
Verification Method : Please refer to next page(s).  
Verification Result : Please refer to next page(s).  
Verification Conclusion : Based on the verification results of the submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) comply with the limits as set by RoHS Directive 2011/65/EU Annex II; recasting 2002/95/EC.  
Note : The test results are related only to the tested items. The report shall not be reproduced except in full without the written approval of the testing laboratory.

Signed for and on behalf of

**1. GENERAL INFORMATION**

**Applicant:** SHENZHEN KELONG MOTOR MECHANICAL ELECTRICAL CO., LTD  
6e Huajing Building Futian Sub-District Futian District Shenzhen  
**Manufacturer:** SHENZHEN KELONG MOTOR MECHANICAL ELECTRICAL CO., LTD  
6e Huajing Building Futian Sub-District Futian District Shenzhen  
**Factory:** SHENZHEN KELONG MOTOR MECHANICAL ELECTRICAL CO., LTD  
3F B17 Building Feng Ye Road Fu Yong Sub-District Baoan District Shenzhen city  
2014/30/EU  
**EMC Directive:**  
**Product:** Gear motor  
**Trade mark:** N/A  
**Model/Type reference:** GA12YN20  
**Serial Number:** N/A  
**Report Number:** EED32M002152  
**State of Sample(s):** Normal  
**Sample Received Date:** Jul. 20, 2020  
**Sample tested Date:** Jul. 20, 2020 to Jul. 25, 2020  
The tested sample(s) and the sample information are provided by the client.

**2. TEST SUMMARY**

The Product has been tested according to the following specifications:

EMIS SION		
Standard	Test Item	Test
EN 55014-1	Terminal disturbance voltages	N/A

**Declaration of Conformity**

The submitted sample of the following equipment has been tested for CE marking according to the following European Directives: the EMC Directive 2014/30/EU.

**Applicant name & address** : SHENZHEN KELONG MOTOR MECHANICAL ELECTRICAL CO., LTD  
6e Huajing Building Futian Sub-District Futian District Shenzhen city  
**Manufacturer name & address** : SHENZHEN KELONG MOTOR MECHANICAL ELECTRICAL CO., LTD  
6e Huajing Building Futian Sub-District Futian District Shenzhen city  
**Factory name & address** : SHENZHEN KELONG MOTOR MECHANICAL ELECTRICAL CO., LTD  
3F B17 Building Feng Ye Road Fu Yong Sub-District Baoan District Shenzhen city  
**Product** : Gear motor  
**Model/Type reference** : GA12YN20  
**Trade mark** : N/A  
**Ratings** : DC 3V  
**Order No. / Report No.** : EED32M002152/EED32M002152

Test Standards	Test Standards
EN 55014-1:2017	EN 55014-2:2015

This Declaration is for the exclusive use of CTI's Client and is provided pursuant to the agreement between CTI and its Client. The observations and test results referenced from this Declaration are relevant only to the sample tested. This Declaration by itself does not imply that the material, product, or service is or has ever been under a CTI certification program.

Note: This Declaration is part of the full test report(s) and should be read in conjunction with it.



Check No. 4538212604



Shenzhen Center for Analysis and Measurement of Material Surface

**Test Report**

Report No.: SAC2015-02639 Date: Mar. 26, 2015 Page 1 of 3

**Customer** : SHENZHEN SHI XIN TONG XING MECHANICAL ELECTRICAL CO., LTD  
**Address** : Tangtou Commerce-residenca A20 building, Songgang street, Baoan District, Shenzhen, China.

**Sample Information:**

**Sample Name** : Gear Motor  
**Sample Description** : 2 PCS  
**Model/P.O. No.** : GA12YN20-2984.5V  
**Item/Lot No.** : /  
**Material** : /  
**Buyer** : /  
**Supplier** : /  
**Manufacturer** : /  
**Received Date** : Mar. 23, 2015  
**Test Period** : Mar. 23, 2015 ~ Mar. 26, 2015  
**Test Requested** : Salt spray corrosion test

**Test Method:**

Test Item	Test Method	Equipment
NSS	GB/T10125-2012	Salt spray test machine