

## DC motor gear motor Motor for intelligent robot

### specifics

Efficiency:IE 2  
 Continuous Current(A):  
 Output Power: 1,32 W  
 Voltage(V):dc 24V  
 Torque: 0.22kg.cm-5,7kg.cm  
 Type:Gear Motor  
 Construction:Permanent Magnet  
 Protect Feature: Explosion-proof  
 Usage:Car,Electric Bicycle  
 Certification:CE,ROHS

### Speed(RPM):

24v: 2045rpm 969rpm 422rpm 264rpm 200rpm 155rpm 87rpm 52rpm 39rpm 23rpm 18rpm

**Remark:Pls confirm the voltage and speed before ordering.**

### Specifications

#### 1.Standard Operating Conditions

- 1-1 Rated Voltage: **12V**
- 1-2 Direction of Rotation: CW when viewed from output shaft side
- 1-3 Operating Temperature and Humidity: Temperature range of **-10C~+50C**, Humidity range of **30%~80%**.
- 1-4 Storage Temperature: Temperature range of **-20C~+60C**

#### 2.Measuring Conditions:

- 2-1 Motor Position: To be placed horizontally when measuring
- 2-2 Power Supply: Regulated DC power supply
- No load speed: **4-115RPM**
- Robotics, Small Appliance, Fanner, Electric Curtain;
- Medical Pump, Surgery Tools, Medical Stirrer, centrifugal Machine; Electric Valve, Actuator, medical device.
- Electric motor, low noise, low current and no spark.

relation about Voltage and speed (rpm)

Type		Voltage		No Load		Rated Load				Stall	
		Test	Speed	Current	Speed	Current	Torque	Power	Torque	Current	
Reduction ratio	Range	v	r/min	mA	r/min	MA	kg. cm	W	kg. cm	mA	
	37.3	12-18	12	115	30	95	110	0.22	1.32	1.1	600
	150	12-18	12	28	30	24	110	0.9	1.32	4.5	600
	200	12-18	12	20	30	17	110	1.2	1.32	6	600
	250	12-18	12	17	30	14	110	1.5	1.32	7.5	600
	324	12-18	12	13	30	10	110	1.9	1.32	9	600
	600	12-18	12	7	30	6	110	3.5	1.32	18	600
	972	12-18	12	4	30	3	110	5.7	1.32	29	600

Size:

