

## 6v Electric Reverse Motor 12-288rpm Motor DC 12v High Torque Low rpm Motor 12v Motor DIY ModelItem

### specifics

Efficiency:IE 2

Continuous Current(A):100-200ma

Voltage(V):dc 6V 12v

Torque: 0.25kg.cm-4kg.cm

Type:Gear Motor

diameter: 20mm

Construction:Permanent Magnet

Protect Feature: Explosion-proof

Usage:Car,Electric Bicycle

Certification:CE,ROHS

Speed(RPM):

6V: 288rpm 144rpm 72rpm 36rpm 28rpm 15rpm

12V: 240rpm 120rpm 60rpm 30rpm 24rpm 12rpm

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

### Specifications

#### 1.Standard Operating Conditions

1-1 Rated Voltage: **6V 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: **7.5-240rpm**.

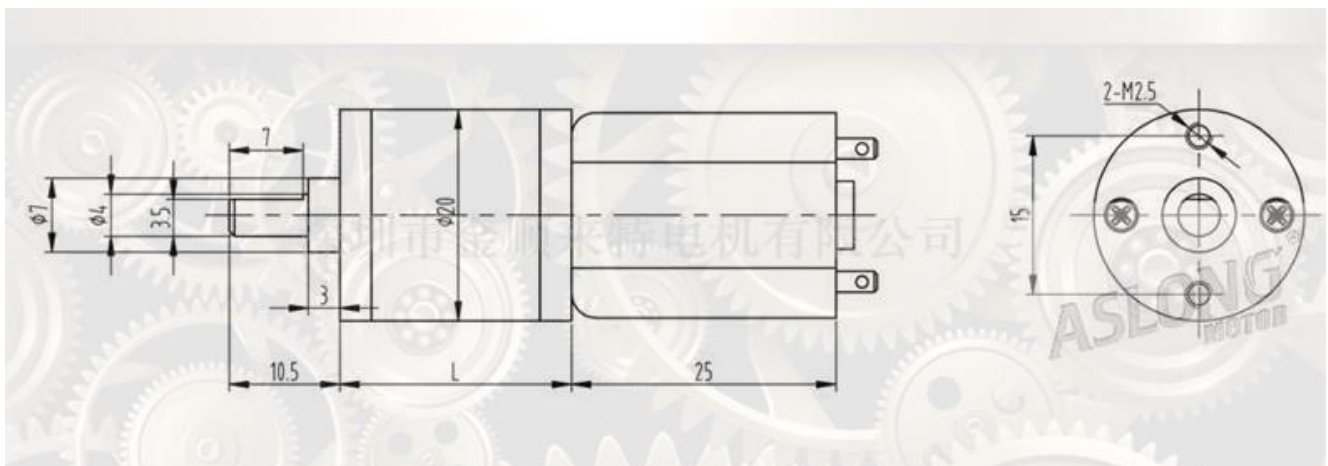
--Robotics, Small Appliance, Fanner, Electric Curtain;

--Medical Pump, Surgery Tools, Medical Stirrer, centrifugal Machine; Electric Valve, Actuator, medical device.

--Electric motor, low noise, low current and no spark.

--Reduction ratio: **1/25,1/50,1/100,1/195,1/250,1/488**

### Size:



relation about Voltage and speed (rpm)

Data Sheet												
Voltage		No Load		Load Torque				Stall			Reducer	Weight
Workable	Rated	Speed	current	speed	current	Torque	Output	Torque	Current	Size	Ratio	Unit
Range	Volt.V	rpm	ma	rpm	ma	kg.cm	W	kg.cm	A		1:00	g
3-9V	6	288	60	221	200	0.25	1.1	1.25	930	16	25	80
3-9V	6	144	60	110	200	0.5	1.1	2.5	930	17.5	50	80
3-9V	6	72	60	55	200	1	1.1	5	930	19	100	80
3-9V	6	36	60	28	190	1.95	1.1	9.7	930	19	195	80
3-9V	6	28	60	22	190	2.5	1.1	Ban	930	19	250	80
3-9V	6	15	60	11	190	4.8	1.1	Ban	930	20.5	488	80
9-18V	12	240	56	185	100	0.2	0.8	1	400	16	25	80
9-18V	12	120	56	92	100	0.4	0.8	2	400	17.5	50	80
9-18V	12	60	56	46	100	0.8	0.8	4	400	19	100	80
9-18V	12	30	56	23	100	1.56	0.8	7.8	400	19	195	80
9-18V	12	24	56	18	100	2	0.8	10	400	19	250	80
9-18V	12	12	56	9.5	100	4	0.8	Ban	400	20.5	488	80