

## Brushless Motor Support Forward Reversible Backward Control 24V Motor Low Speed Gear Motor

Efficiency:IE 2

Continuous Current(A):160ma

Output Power: 4W

Voltage(V):dc 24v

Torque: 0.87kg.cm-60kg.cm

Type:Gear Motor

Construction:Permanent Magnet

Usage:Car,Electric Bicycle

Certification:CE,ROHS

Commutation:Brushless

### Speed(RPM):

24V: 960rpm 600rpm 319rpm 200rpm 107rpm 66rpm 45rpm 35rpm 22rpm 12rpm 7rpm

**Remark:Pls confirm the voltage and speed before ordering. 12v's parameter is the half of 24v**

### Specifications

#### 1.Standard Operating Conditions

1-1 Rated Voltage: **24v,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: **7-960rpm**.

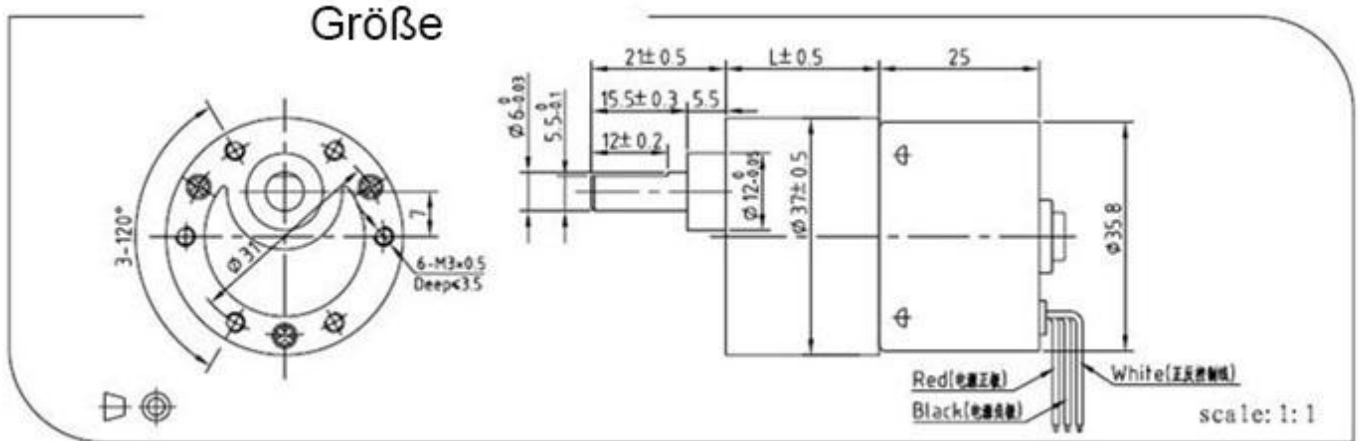
--Robotics, Small Appliance, Fanner, Electric Curtain;

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

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

--Reduction ratio: **1/6.25,1/10,1/18.8,1/30,1/56,1/90,1/131,1/168,1/270,1/506,1/810**

### Size:



### Connect

1. Red wire: link power positive wire;
2. Black wire: link power negative wire;
3. White wire: link with negative wire, running counterclockwise;
4. Yellow wire: FG signal feedback (feedback speed signal);
5. Blue wire: PMW adjust speed;

Motor will be burning out, If connect in wrong way, we can not take responsibility for it.

**Special note:** do not pick up the is negative, or you will burn out internal drive, as a result of wrong burn out motor can't return.

relation about Voltage and speed (rpm)

型号: JGB37-3625				参数表								
电压Voltage		空载No Load		负载转矩Load Torque				堵转Stall		减速器Reducer		重量
范围	额定	转速	电流	转速	电流	扭矩	功率	扭矩	电流	减速比	尺寸	Weight
Workable Range	Rated Volt. V	Speed rpm	Current ma	Speed rpm	Current ma	Torque kg. cm	Output W	Torque kg. cm	Current A	Ratio 01:00	Size mm	单位(约) g
24V	24	960	100	720	220	0.87	4	3.4	1	6.25	19	145
24V	24	600	100	450	210	1.4	4	5	1	10	19	145
24V	24	319	100	239	200	2.5	4	10	1	18.8	22	155
24V	24	200	100	150	200	4.2	4	16	1	30	22	155
24V	24	107	100	80	190	7.8	4	31	1	56	24	162
24V	24	66	100	52	190	12	4	48	1	90	24	162
24V	24	45	100	36	185	18	4	72	1	131	26.5	162
24V	24	35	100	28	180	23	4	禁止	1	168	26.5	168
24V	24	22	100	18	170	37	4	禁止	1	270	26.5	168
24V	24	12	100	10	170	60	4	禁止	1	506	29	175
24V	24	7	100	5.6	170	60	4	禁止	1	810	29	175