

Introduction of the motor:

1. Name of the motor: JGB37-3530 DC Gear Motor DC 12V 24V

2. Rated voltage have DC 12V and DC 24V

3. DC 12V ; You can choose the no load speed have : 12rpm/20rpm/37rpm/59rpm/76rpm/111rpm/178rpm/333rpm/533rpm/1000rpm/1600rpm
Rated torque between 0.5 To 40 KG.CM; stall torque: between 2 To 54KG, it is recommended that your project load not exceed the rated torque; Select a no load speed in DC 12V, there will be corresponding rated torque and stall torque, please refer to the parameter table below.

4. DC 24V ; You can choose the no load speed have :

7rpm/12rpm/22rpm/35rpm/45rpm/66rpm/107rpm/200rpm/319rpm/600rpm/960rpm

Rated torque between 0.5 To 40 KG.CM; stall torque: between 2 To 54KG, it is recommended that your project load not exceed the rated torque; Select a no load speed in DC 24V, there will be corresponding rated torque and stall torque, please refer to the parameter table below.

5. Direction of rotation of the motor: CW Or CCW, Support Reversed;

Control the clockwise or counterclockwise rotation of the motor by changing the way the positive and negative electrodes are connected

6. The shaft shape of the motor : D type, please refer to the size chart below for all dimensions of the motor.

7. Gear material: Metal gears make the motor last longer

8. The speed of the motor can be adjusted using the speed controller. This motor and speed controller are sold in combination. You can refer to the combination sales introduction below.

9. . The motor has standard noise when working.If your project has requirements for the working noise of the motor, please consult us before purchasing. We will give you some suggestions. Thank you.

When the motor is reversed, the working sound of the motor will be greater than the forward rotation, which is normal.

10. Motor DC power connection is safe; the experiment proves that the motor voltage is lower than 36V without any danger.

11. This motor is suitable for a variety of micro-automation equipment. As long as you confirm that the motor voltage and torque of your choice are suitable for the voltage and load of your project before purchase, there is no limit to the scope of use of this motor.

For example, Robot ; DIY ; Electric curtains ; Billboard motors ; Household appliances etc.

The following is the parameter table of the motor

Your project load should not exceed rated torque of the motor, otherwise the life of the motor will be reduced

The parameters in the table below are the parameters for the motor connection rated voltage 12v/24v

If the motor is connected to a non-rated voltage input, all parameters of the motor will change.

Specification:

High quality and 100% brand new

Rated volt:12V

No load speed: 1600/1000/531/333/178/111/76/59/37/20/12 RPM

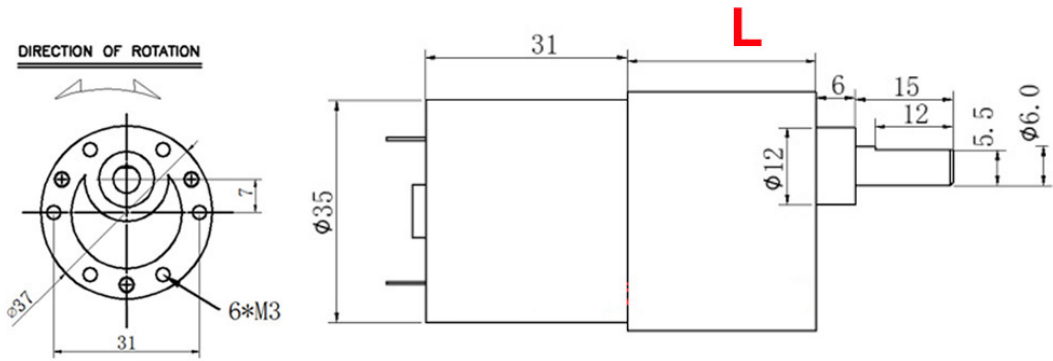
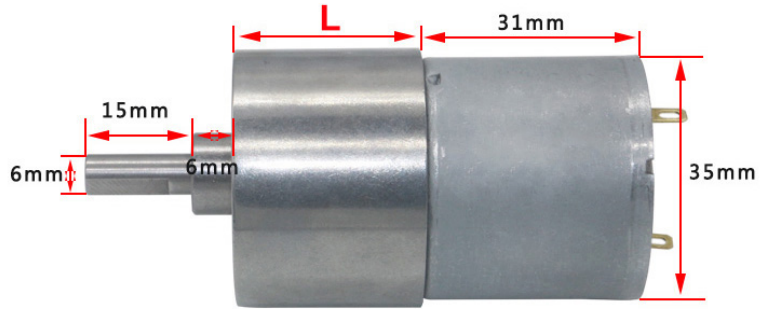
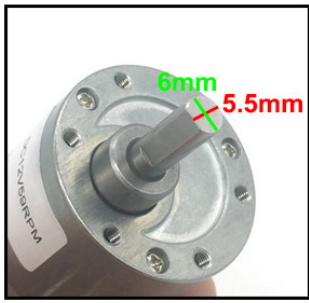
Rated volt:24V

No load speed: 960/600/319/200/107/66/45/35/22/12/7 RPM

Max torque:35kg.cm



Drawing:

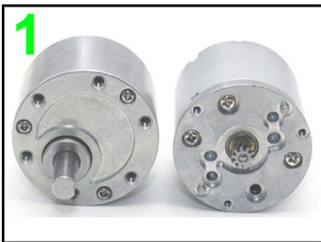


Note

L is the length of the gearbox. The reduction ratio of the motor is different, and the length of the gearbox is different.

Details of this motor:

1. Metal gears, gears are resistant to rust and are difficult to corrode, promoting smooth and firm motor rotation
2. Positive and negative wiring tentacles of DC power supply
3. The motor is made of metal and has excellent thermal conductivity, which makes the motor torque strong.



Datasheet:

JGB37-3530												
Voltage		No Load		Load Torque				Stall		Reducer		Weight
Workable	Rated	Speed	Current	Speed	Current	Torque	Output	Torque	Current	Ratio	Size	
Range	Volt.V	rpm	ma	rpm	ma	kg.cm	W	kg.cm	A	1:00	mm	g
6-15V	12	1600	120	1120	400	0.3	4.8	1.0	1.2	6.25	19	177
6-15V	12	1000	120	800	400	0.38	4.8	1.52	1.2	10	19	177
6-15V	12	531	120	424	400	0.7	4.8	2.8	1.2	18.8	22	180
6-15V	12	333	120	266	400	1.14	4.8	4.5	1.2	30	22	180
6-15V	12	178	120	412	400	2.1	4.8	8.4	1.2	56	24	188
6-15V	12	111	120	88	400	3.4	4.8	13	1.2	90	24	188
6-15V	12	76	120	60	400	5	4.8	20	1.2	131	26.5	
6-15V	12	59	120	47	400	6.3	4.8	25	1.2	168	26.5	195
6-15V	12	37	120	29	400	10	4.8	40	1.2	270	26.5	194
6-15V	12	20	120	16	400	19	4.8	Ban	1.2	506	29	200
6-15V	12	12	120	9	400	30	4.8	Ban	1.2	810	29	200
12-30v	24	960	50	672	100	0.2	2.5	1	0.9	6.25	19	177
12-30V	24	600	50	480	100	0.29	2.5	1.16	0.9	10	19	177
12-30V	24	319	50	255	100	0.54	2.5	2.1	0.9	18.8	22	180
12-30V	24	200	50	160	100	1.1	2.5	4.4	0.9	30	22	180
12-30V	24	107	50	85	100	1.6	2.5	6.4	0.9	56	24	188
12-30V	24	66	50	52	100	2.61	2.5	10	0.9	90	24	188
12-30V	24	45	50	36	100	3.7	2.5	14.8	0.9	131	26.5	
12-30V	24	35	50	28	100	4.8	2.5	19	0.9	168	26.5	195
12-30V	24	22	50	18	100	7.8	2.5	31	0.9	270	26.5	194
12-30V	24	12	50	10	100	14	2.5	Ban	0.9	506	29	200
12-30V	24	7	50	5.6	100	23	2.5	Ban	0.9	810	29	200