

Gear Motor 7-1600rpm No Load Speed Small Motor Reversed 6V Dc Motor D Shaft For Common Use

Item specifics

Efficiency:IE 2

Voltage(V):dc 12-24V

Torque: 0.3-23kg.cm

Continuous Current(A):300ma

Type:Gear Motor

Output Power: 4.8w-2.5w

Continuous Current(A):0.4a-0.1a

Construction:Permanent Magnet

Protect Feature: Explosion-proof

Usage:Car,Electric Bicycle

Certification:CE,ROHS

Speed(RPM):

12V: 1600rpm 1000rpm 531rpm 333rpm 178rpm 111rpm 76rpm 59rpm 37rpm 20rpm 12rpm

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

Remark:Pls confirm the voltage and speed before ordering.

Specifications

1.Standard Operating Conditions

1-1 Rated Voltage: **12v, 24V**

1-2 Direction of Rotation:CW when viewed from output shaft side

1-3Operating Temperature and Humidity:Temperature range of **-10C~+50C**,Humidity range of **30%~80%**.

1-4Storage Temperature:Temperature range of **-20C~+60C**

2.Measuring Conditions:

2-1Motor Position:To be place t horizontally when measuring

2-2Power Supply: Regulated DC power supply

--No load speed:7-1600rpm.

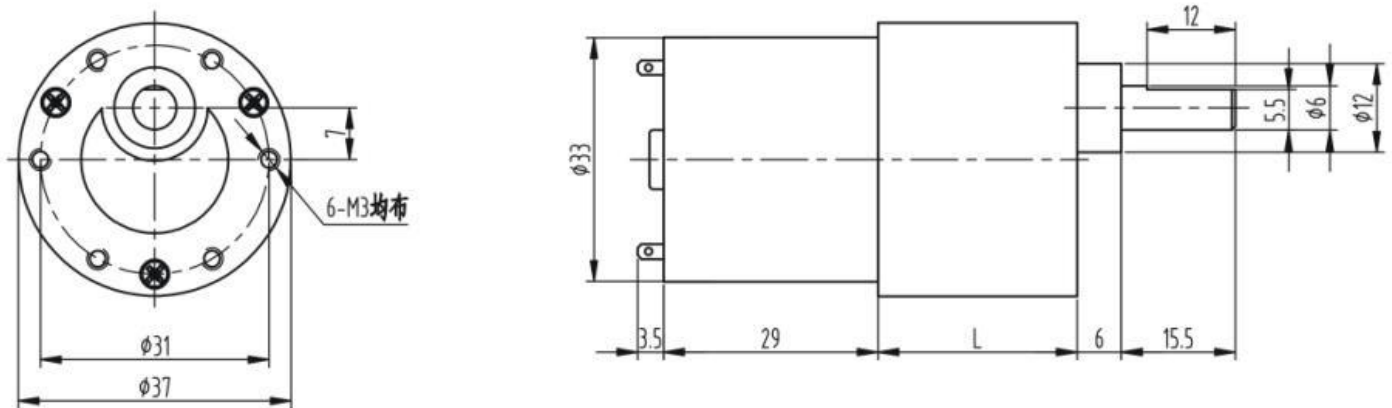
--Robotics, Small Appliance, Fanner, Electric Curtain;

--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:



relation about Voltage and speed (rpm)

Paramater												
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	Rated	Speed	Current	Speed	Current	Torque	Output	Torque	Current	Ratio	Size	单位
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	禁止 Ban	1.2	506	29	200
6-15V	12	12	120	9	400	30	4.8	禁止 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	禁止 Ban	0.9	506	29	200
12-30V	24	7	50	5.6	100	23	2.5	禁止 Ban	0.9	810	29	200

