

## Mini Motor 3-12v Gear Motor 7-1818rpm DC Motor Low Noise Gearbox Printer High Torque Low Speed Motor

### Item specifics

Efficiency:IE 1

Continuous Current(A):0.08a

Voltage(V):dc 3-12v

Torque: 0.04kg.cm-11kg.cm

Type:Gear Motor

diameter:25mm

Output Power: 0.2w/0.5w

Construction:Permanent Magnet

Protect Feature: Explosion-proof

Usage:Car,Electric Bicycle

Certification:CE,ROHS

Speed(RPM):

6V: 795rpm 484rpm 211rpm 102rpm 77rpm 44rpm 34rpm 20rpm 15rpm 9rpm 7rpm

12V: 1818rpm 862rpm 375rpm 235rpm 177rpm 102rpm 77rpm 46rpm 35rpm 21rpm 16rpm

**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: **7-1818rpm**.

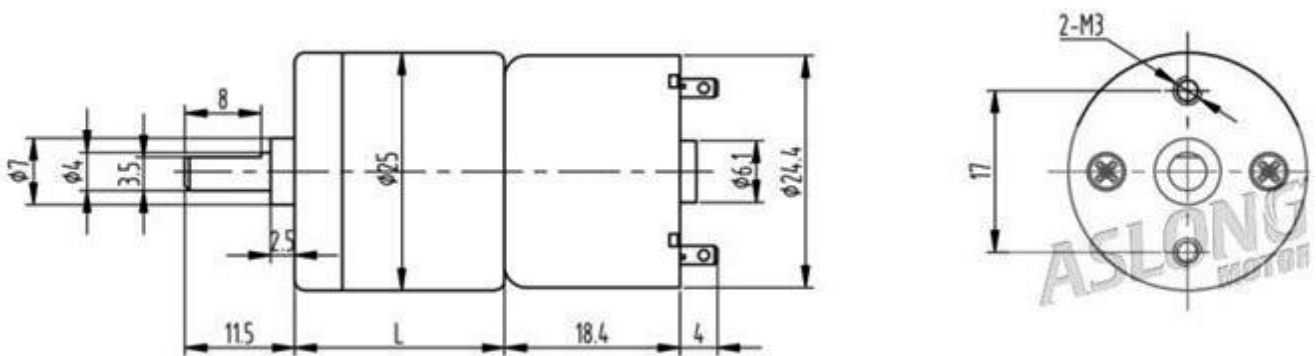
--Robotics, Small Appliance, Fanner, Electric Curtain;

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

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

--Reduction ratio: **1/4.4, 1/9.28, 1/21.3, 1/34, 1/45, 1/78, 1/103, 1/171, 1/226, 1/378, 1/500**

Size:



relation about Voltage and speed (rpm)

型号: JGA25-310				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 g
3-12V	6	795	25	556	80	0.04	0.2	0.16	0.25	4.4	15	61
3-12V	6	484	25	338	80	0.08	0.2	0.32	0.25	9.28	17	61
3-12V	6	211	25	147	80	0.19	0.2	0.76	0.25	21.3	19	63
3-12V	6	102	25	71	80	0.3	0.2	1.2	0.25	34	21	65
3-12V	6	77	25	53	80	0.4	0.2	1.6	0.25	45	21	65
3-12V	6	44	25	30	80	0.7	0.2	2.8	0.25	78	23	67
3-12V	6	34	25	23	80	0.9	0.2	3.6	0.25	103	23	67
3-12V	6	20	25	14	70	1.5	0.2	6	0.25	171	25	69
3-12V	6	15	25	10	70	2	0.2	8	0.25	226	25	69
3-12V	6	9	25	6	70	3	0.2	12	0.25	378	27	70
3-12V	6	7	25	5	70	4.5	0.2	18	0.25	500	27	72
6-12V	12	1818	90	1272	300	0.096	0.5	0.38	0.85	4.4	15	61
6-12V	12	862	90	603	300	0.2	0.5	0.8	0.85	9.28	17	61
6-12V	12	375	90	262	300	0.46	0.5	1.8	0.85	21.3	19	63
6-12V	12	235	90	164	280	0.74	0.5	2.9	0.85	34	21	65
6-12V	12	177	90	123	280	1	0.5	4	0.85	45	21	65
6-12V	12	102	85	71	260	1.7	0.5	6.8	0.85	78	23	67
6-12V	12	77	85	53	260	2.2	0.5	8.8	0.85	103	23	67
6-12V	12	46	80	32	250	3.7	0.5	14	0.85	171	25	69
6-12V	12	35	80	24	240	5	0.5	20	0.85	226	25	69
6-12V	12	21	80	14	240	8	0.5	32	0.85	378	27	70
6-12V	12	16	80	11	240	11	0.5	44	0.85	500	27	72

