

**10W Permanent magnet DC motor 24VDC 5MM Motor shaft 3000 rpm Governor The electric motor speed Electromotors**

**Description:**

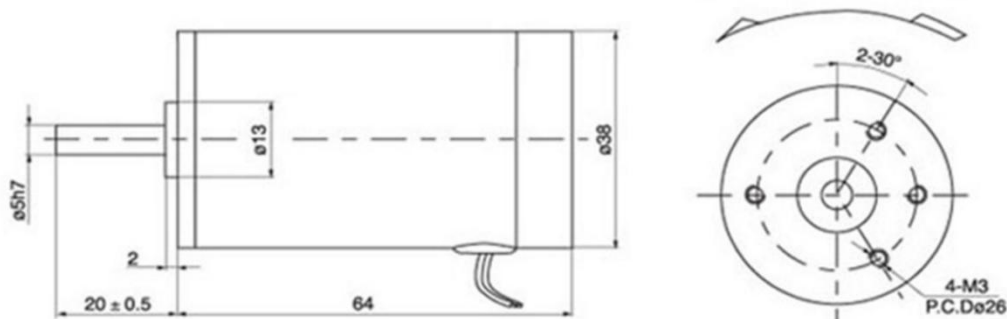
Type: Micro motor / DC motor  
 Construction: permanent magnet  
 Commutation: Brush  
 Protection: fully enclosed  
 Operating voltage: 12V, 24V  
 Power: 10W  
 Speed: 2000 rpm 3000rpm 4000rpm  
 Rated torque: 300G.cm, 750G.cm  
 Measurements: 64mm \* 38MM  
 Shaft: 5mm \* 18mm  
 Application: polishing machine, small drill, grinding machine, massage chair, radiator fan, electricity door locks, lawn mowers and other mechanical devices

**Advantage:**

High speed  
 High torque  
 small size  
 Low energy consumption  
 Mute  
 stable

**Characteristic:**

Full copper coil: resistance of copper wire is smaller than aluminum. It has strong electrical conductivity, and besides it has slow heat generation and long life  
 Strong magnetic field: two magnets from the fuselage will bring strong magnetic field, high torque, long life  
 Ball bearings: ball bearing design, low friction, strong sealing performance, to increase the speed of the motor  
 O-type shaft: using precise O-type shaft, can reduce resistance, and increase speed



**Parameter**

voltage VDC	no-load Speed Rpm	No-load Current Amp	Sated Speed Rpm	Sated Curent Amp	Rated Torque G. cm	Stall Torque G. cm	Stall Current Amp
12V	2000	0.05	950	0.52	300	580	0.96
24V	3000	0.06	1800	0.38	300	750	0.9
24V	4000	0.08	1700	1.12	750	1305	1.9

Full copper coil: resistance of copper wire is smaller than aluminum. It has strong electrical conductivity, and besides it has slow heat generation and long life



## Volle Kupferspule

widerstand von Kupferdraht  
ist kleiner als Aluminium.  
Es hat stark Elektrische  
Leitfähigkeit, und außerdem hat  
es langsame Wärmeerzeugung  
und Lang lebensdauer

Strong magnetic field: two magnets from the fuselage will bring strong magnetic field, high torque, long life

## Starkes Magnetfeld

zwei Magneten von dem Rumpf wird starkes  
Magnetfeld bringen, Hoch Drehmoment,  
lange Lebensdauer



Ball bearings: ball bearing design, low friction, strong sealing performance, to increase the speed of the motor



## Kugellager:

Fest Kugellager, axiale  
Ladefähigkeit ist hoch,  
geringe Reibung und starke  
Dichtungsöl

O-type shaft: using precise O-type shaft, can reduce resistance, and increase speed

## O-Typ Welle

Verwenden präzise O-Typ Welle,  
kann Widerstand reduzieren,  
und Geschwindigkeit erhöhen



Usage: polishing machine, small drill, grinding machine, massage chair, radiator fan, electricity door locks, lawn mowers and other mechanical devices

**Anwendung:** Poliermaschine, kleine Bohrer, Schleifmaschinen,

Massagesessel, Kühler Lüfter, Stromtürschlösser ,

Rasenmäher und andere mechanische Geräte

