

**DC12V / 24V 3500 / 7000rpm 30W DC motor speed high speed high torque power tools / DIY Accessories**

**Description:**

Type: Micro motor / DC motor / cotton candy motor  
 Construction: permanent magnet  
 Commutation: Brush  
 Protection: fully enclosed  
 Voltage:  $\leq 36V$   
 Operating voltage: 12V, 24V  
 Engine power: 15 W / 20 W  
 Current: 0.35A  
 Measurements: 70mm \* 52MM

**Idle speed**

3500rpm at voltage DC12V  
 7000rpm at voltage DC24V

**Load speed**

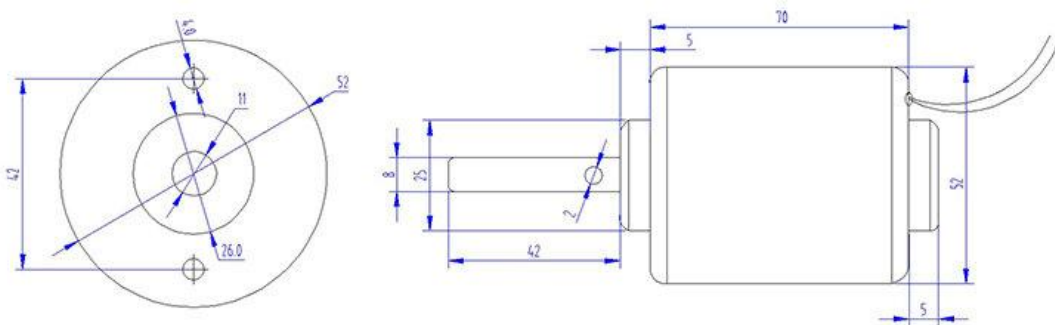
3000rpm at voltage DC12V  
 6500rpm at voltage DC24V

**Rated current**

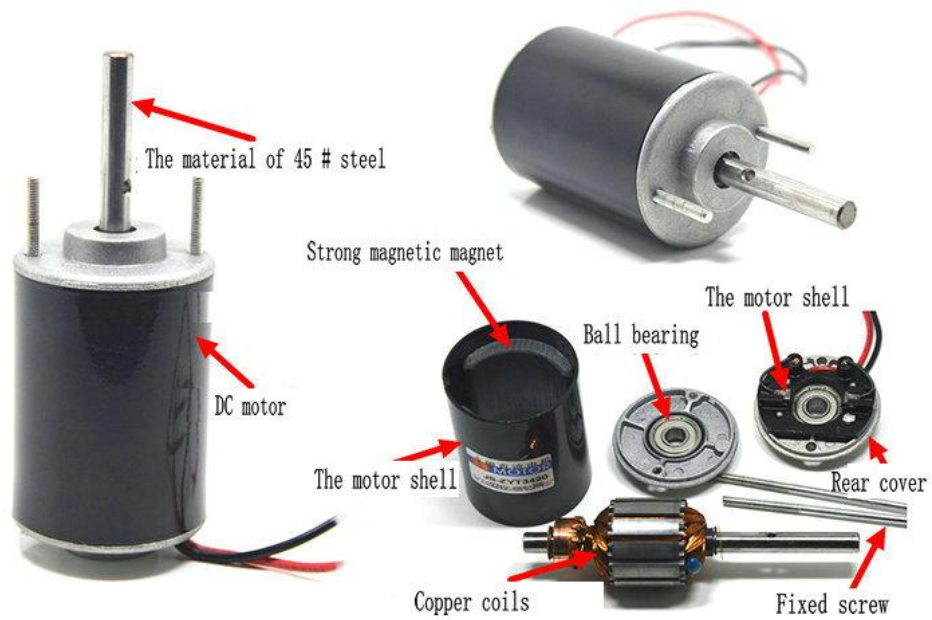
At voltage DC12V: 2.42A  
 At voltage DC24V: 2.76 A

**Characteristic:**

Low power, size torque, low noise, small volume, light weight  
 Stable and safe: If engine is overload or stall, the engine will not burn.  
 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  
 Gold carbon brushes: it has increased wear resistance to improve the life of carbon brushes  
 Ball bearing: Ball bearing, axial load capacity is high, low friction and strong sealing oil



电压 Voltage VDC	空载转数 No-load Speed	空载电流 No-load Current Amp	额定转数 Sated Speed	额定电流 Sated Current	堵转电流 Stall Current
12V	3500	0.31	3000	2.42	3.1
24V	7000	0.35	6500	2.76	3.37



## Volle Kupferspule

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

## Gold Kohlebürsten

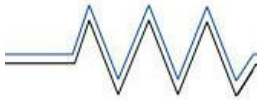
es hat Verschleißfestigkeit  
erhöht, um das Lebensdauer  
der Kohlebürsten zu verbessern



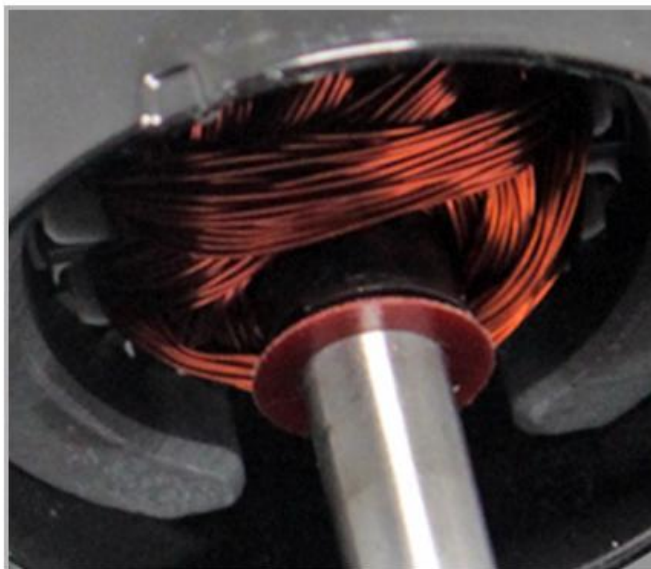


## Kugellager:

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



Motor hat Volle Kupferspule,  
Gold Kohlebürsten, Kugellager



## High Speed 1:

Kombination: Volle Kupferspule  
und starker magnetischer Magnet  
wird Hoch Drehmoment erzeugen,  
und erhöhen die Geschwindigkeit.



## High Speed 2:

Mit festen Kugellager, geringe Reibung, reduzieren Widerstand, erhöhen die Geschwindigkeit

