

DC motor gear motor Motor for intelligent robot

specifics

Efficiency:IE 1
Continuous Current(A): 100ma
Output Power: 4 W
Voltage(V):dc 24V
Torque: 0.87kg.cm-60kg.cm
Type:Gear Motor
Construction:Permanent Magnet
Protect Feature: Explosion-proof
Usage:Car,Electric Bicycle
Certification:CE,ROHS

Speed(RPM):

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

Remark:Pls confirm the voltage and speed before ordering. In the case of 12V work all parameters minus one times

wiring method

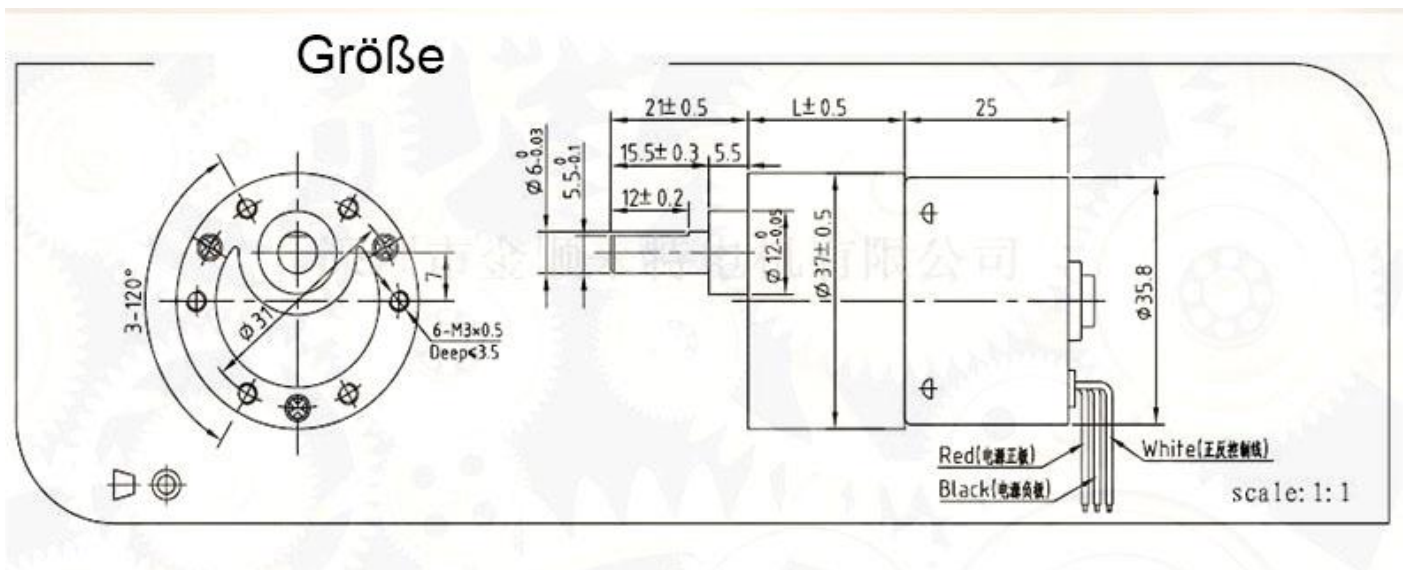
The red line is positive, the black line is negative, the white line is the positive inversion control line, and the black line is connected with the motor running direction, the white line is not connected to the reverse.

Special note: positive and negative do not take counter, otherwise it will burn out the built-in driver, as a result of wrong motor burn can not return.

Note: Please note the need for the no-load speed

Working life: more than 30 thousand hours of continuous work

Size:



Relation about Voltage and speed (rpm)

| 型号:JGB37-3626 | | | | 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(约) g |
| 12-24V | 24 | 960 | 100 | 720 | 220 | 0.87 | 4 | 3.4 | 1 | 6.25 | 19 | 145 |
| 12-24V | 24 | 600 | 100 | 450 | 210 | 1.4 | 4 | 5 | 1 | 10 | 19 | 145 |
| 12-24V | 24 | 319 | 100 | 239 | 200 | 2.5 | 4 | 10 | 1 | 18.8 | 22 | 155 |
| 12-24V | 24 | 200 | 100 | 150 | 200 | 4.2 | 4 | 16 | 1 | 30 | 22 | 155 |
| 12-24V | 24 | 107 | 100 | 80 | 190 | 7.8 | 4 | 31 | 1 | 56 | 24 | 162 |
| 12-24V | 24 | 66 | 100 | 52 | 190 | 12 | 4 | 48 | 1 | 90 | 24 | 162 |
| 12-24V | 24 | 45 | 100 | 36 | 185 | 18 | 4 | 72 | 1 | 131 | 26.5 | 162 |
| 12-24V | 24 | 35 | 100 | 28 | 180 | 23 | 4 | 禁止 | 1 | 168 | 26.5 | 168 |
| 12-24V | 24 | 22 | 100 | 18 | 170 | 37 | 4 | 禁止 | 1 | 270 | 26.5 | 168 |
| 12-24V | 24 | 12 | 100 | 10 | 170 | 60 | 4 | 禁止 | 1 | 506 | 29 | 175 |
| 12-24V | 24 | 7 | 100 | 5.6 | 170 | 60 | 4 | 禁止 | 1 | 810 | 29 | 175 |