

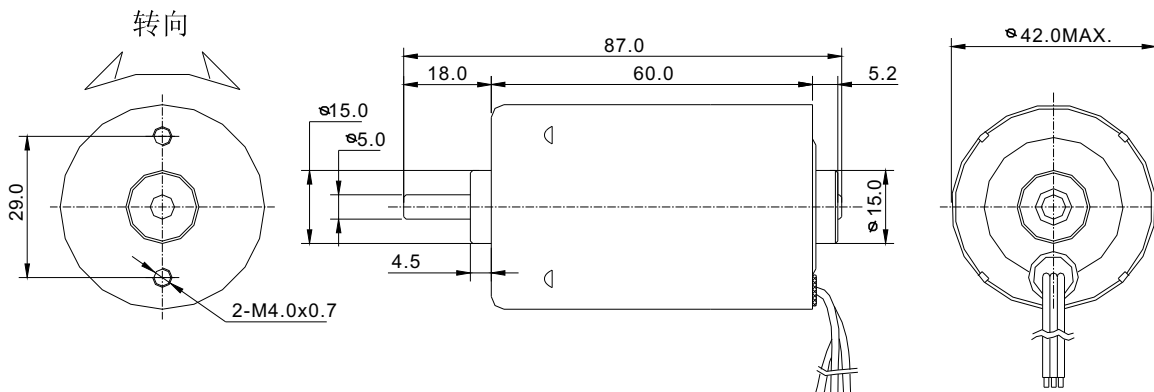
# TW-4620

**Main voltage:** 3VDC、6VDC、9VDC、12VDC、24VDC、

**Typical applications:** Air Pump, Electric Bicycle, Power Drill, Bladeless Fan, Slide Car, Lawn Mower, Blender

**Standard Shaft:** 90, 96, 100, 112, 120 (mm)

## APPEARANCE SIZE



The terminal position against the tapped holes varies of 0°  
牙孔相对端子的位置有0°

Usable male screw length engaged into the tapped hole is 5 mm MAX.

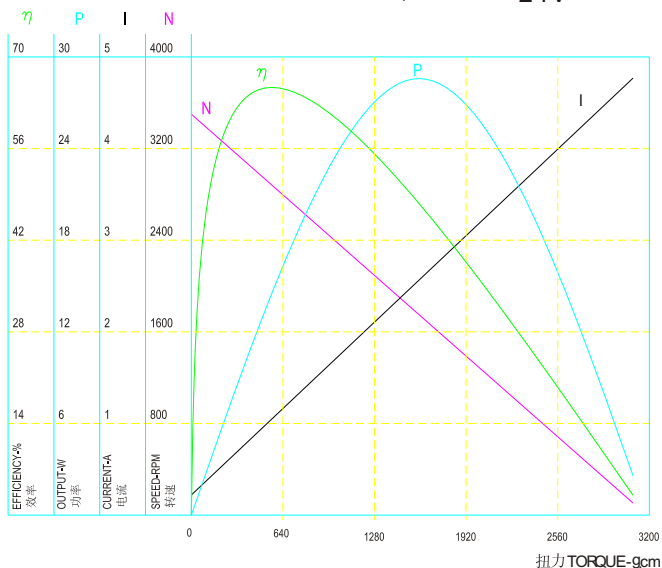
M4的螺丝螺孔深入最大深度为5mm

Unit(单位) : mm

## Motor data:

OPERATING RANGE 工作范围	NOMINAL VOLTAGE 工作电压	AT NO LOAD 空载		AT MAX. EFFICIENCY 最大效率					AT MAX. OUTPUT 最大功率					AT STALL 堵转	
		SPEED 转速	CURRENT 电流	SPEED 转速	CURRENT 电流	TORQUE 扭力	OUTPUT 功率	EFFICIENCY 效率	SPEED 转速	CURRENT 电流	TORQUE 扭力	OUTPUT 功率	EFFICIENCY 效率	CURRENT 电流	TORQUE 扭力
V	V	RPM	A	RPM	A	g.cm	W	%	RPM	A	M.Nm	W	%	A	g.cm
6.0~15.0	12	3000	0.18	2520	0.967	288	7.44	64.15	1500	2.64	900	13.85	43.72	5.10	1800
6.0~15.0	24	5800	0.30	4756	1.391	467.5	22.80	69.31	2900	3.33	1298.6	38.62	48.32	6.36	2597
12.0~24.0	24	3174	0.18	2603	0.853	491.0	13.10	63.99	1587	2.05	1363.1	22.19	45.11	3.92	2726
18.0~30.0	24	3500	0.22	2905	1.02	540.9	16.11	66	1750	2.57	1590.9	28.60	46.24	4.92	3182
200-240VAC	220 50HZ	10000	0.036	8300	0.181	435	36.18	62.64	5000	0.461	1250	64.10	43.45	0.886	2500
200-240VAC	220 50HZ	15300	0.3	10557	0.679	1366	147.9	70.2	7650	0.91	2203.2	64.10	61.1	1.52	4406

24V



## Functions and Features 功能特性:

- Three-phase bipolar drive 三相驱动
- CW/CCW Select: High=CW/Low=CCW  
正转/反转选择 高电平正转, 低电平反转
- Start/Stop Control: High=Start/Low=Stop
- PWM Input:  
f<sub>in</sub>=20HZ-100HZ  
Duty Cycle=5% to 95%
- The motor has over current protective function  
电机具有过流保护功能
- Terminal for output signal of motor revolution  
马达转速信号输出