

输出功率: 约0.5~15.0W
精密金属齿轮无刷减速电机

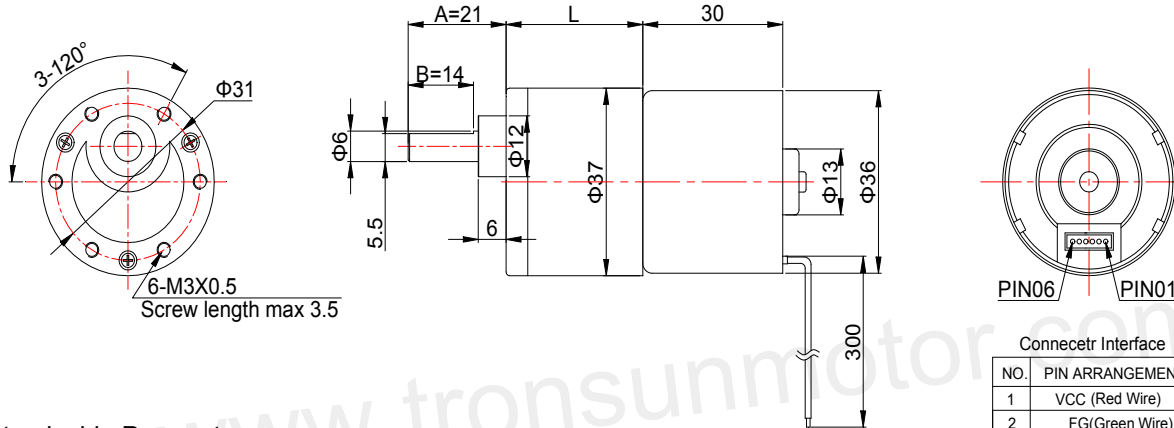
OUTPUT: APPROX 0.5~15.0W
Precision Metal Brushless Gear Motor

典型应用: 智能家居
智能机器人
自动售货机
打印机

Typical Applications: Smart Home Appliance
Smart Robot
Vending Machine
Printer

1. OUTLINE DRAWING:

UNIT:MM



Connectr Interface

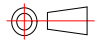
NO.	PIN ARRANGEMENT
1	VCC (Red Wire)
2	FG (Green Wire)
3	CW/CCW (Yellow Wire)
4	GND (Black Wire)
5	PWM (Blue Wire)
6	BRAKE (White Wire)

Customizable Parameters:

1. Length L、A and B
2. Electric Performance
3. Output shaft specifications
4. Reduction Ratio

WEIGHT: 240g(Approx)

View:



2. GEARBOX REDUCTION RATIO:

Gearbox Length (mm)	Stage Number	Reduction Ratio						Rated Torque	Bearable Maximum Instant Torque
		kg.cm							
21.5	2 (Enhanced)	8.9/1	10.3/1					5.0	10.0
21.5	3	18/1	26/1	31/1				5.0	10.0
24	4	40/1	46/1	55/1	68/1	79/1	93/1	7.0	13.0
26.5	5	102/1	120/1	165/1	202/1	238/1	278/1	10.0	20.0
29	6	306/1	359/1	420/1	495/1	516/1	606/1	12.0	20.0
31.5	7	666/1	782/1	918/1				15.0	25.0
31.5	5(Enhanced)	120/1						30.0	50.0

3. MOTOR PERFORMANCE :

1N.m ≈ 10.2kg.cm ≈ 14.2oz.in

MODEL	REDUCTION RATIO	VOLTAGE		NO LOAD		AT MAXIMUM EFFICIENCY				STALL	
		OPERATING RANGE	NOMINAL	SPEED	CURRENT	SPEED	CURRENT	TORQUE	OUTPUT	TORQUE	CURRENT
			V	rpm	A	rpm	A	kg.cm	W	kg.cm	A
37GB3630-10.3-12780	10.3/1	8.0~15.0	12.0	780	0.36	618	1.38	1.2	7.61	5.8	5.3
37GB3630-40-12200	40/1	8.0~15.0	12.0	200	0.36	156	1.45	4.0	6.40	18.5	5.3
37GB3630-120-1267	120/1	8.0~15.0	12.0	67	0.37	53	1.4	10.0	5.44	49.6	5.3
37GB3630-165-1250	165/1	8.0~15.0	12.0	50	0.37	39	1.4	14.0	5.60	68.1	5.3
37GB3630-278-1229	278/1	8.0~15.0	12.0	29	0.37	23	1.4	20.0	4.72	103.0	5.3