

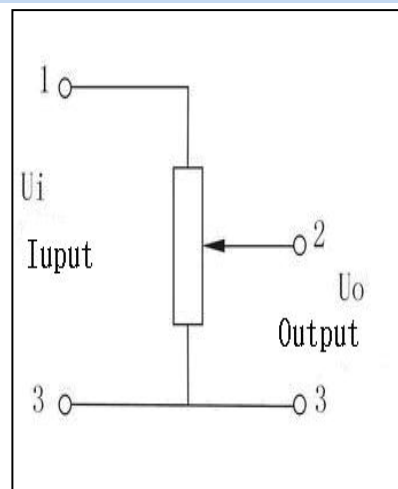
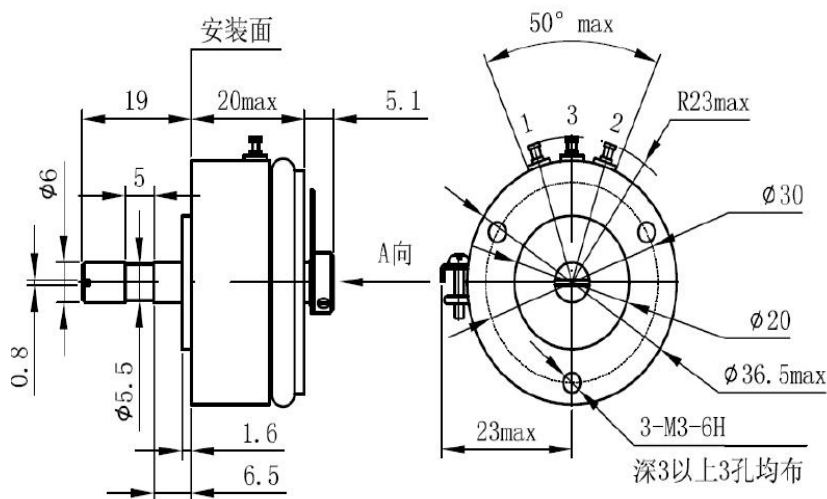
型号：RF3609



特点：

- ★ ● 线性精度高
- ★ ● 机械寿命长
- ★ ● 分辨率高
- ★ ● 动态噪声小
- ★ ● 安装方便可靠

常规尺寸/Standard Dimensions



1、3号端接输入
2号端（绿色）接输出

技术参数/General Specifications

电气性能		机械性能	
标准阻值	1K Ω 、2K Ω 、3K Ω 、5K Ω 、10K Ω	机械转角	360°（连续）
阻值公差	$\pm 15\%$	启动力矩	$\leq 10 \times 10^{-4} \text{ N} \cdot \text{M}$
独立线性度	0.1%、0.2%、0.3%、0.5%、1%	环境特性	
理论电气转角	345° $\pm 2^\circ$	机械寿命	50*10 ⁶ 周
额定功率	2W（70℃）	使用环境	-55℃~+125℃
电阻温度系数	$\leq \pm 0.04\%/^\circ\text{C}$	振动	15G 2000Hz
绝缘电阻	$\geq 1000 \text{ M}\Omega$ （500VDC）	冲击	50G 11ms
绝缘耐压	1000V（AC.RMS）1min		
输出平滑性	$\leq \pm 0.1\%$		

特殊规格可以定制

出轴长度，直径，止档，特殊角度，轴特殊加工等可以根据客户要求定制。

Integrated module, sensor, encoder, potentiometer, switch customization manufacturer.

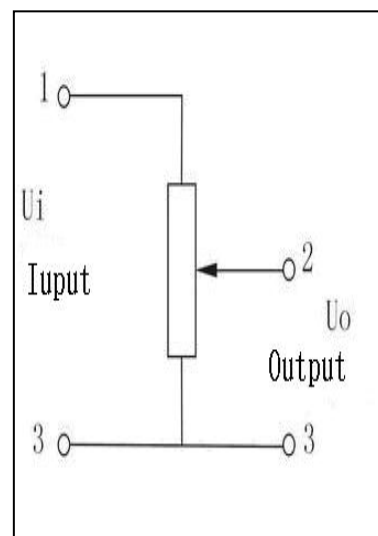
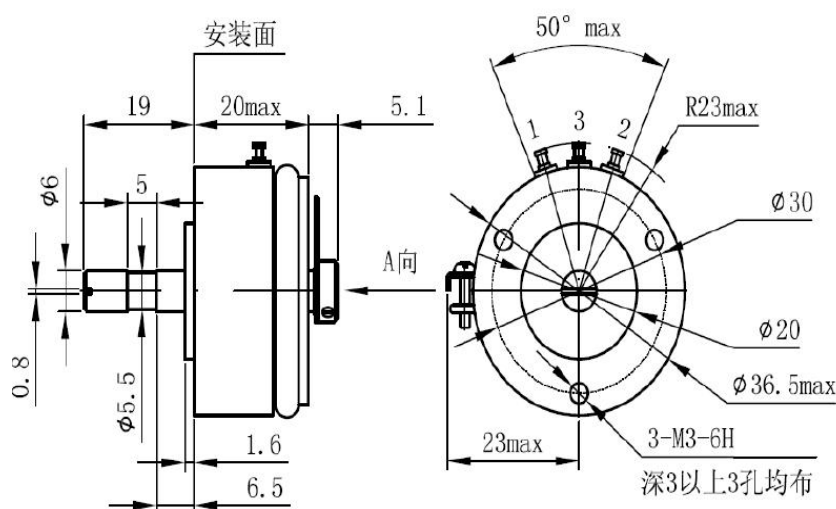
MODEL:RF3609



Feature:

- Precision linear
- Long mechanical life
- High resolution
- Small dynamic noise
- Convenient and reliable installation

Standard Dimensions



General Specifications

Electrical		Mechanical	
Standard Resistance	1KΩ、2KΩ、3KΩ、5KΩ、10KΩ	Mechanical Travel	360° (endless)
Resistance Tolerance	±15%	Starting Torque	≤10*10 ⁻⁴ N.M
Independent Linearity	0.1%、0.2%、0.3%、0.5%、1%	Environmental	
Electrical Travel	345°±2°	Life Expectancy	50*10 ⁶ cycle
Power Rating	2W (70℃)	Operating	-55℃~+125℃
Resist.Temperature Coefficient	≤±0.04%/℃	Vibration	15G 2000Hz
Insulation Resistance	≥1000MΩ (500V.D.C)	Shock	50G 11ms
Dielectric Strength	1000V (AC.RMS)1min		
Output smoothness	≤±0.1%		

Special Specifications Available

Shaft Length,Diameter,stopper,special electrical travel,Special machining on the shaft.