

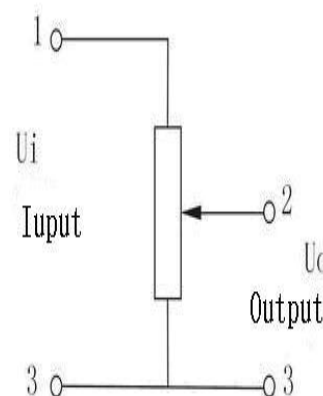
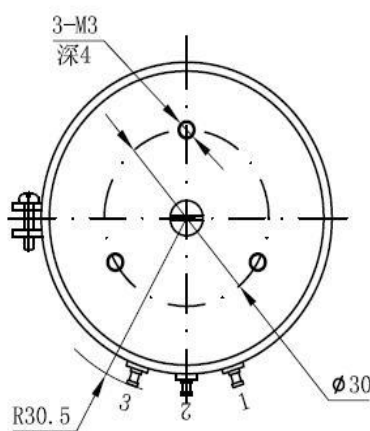
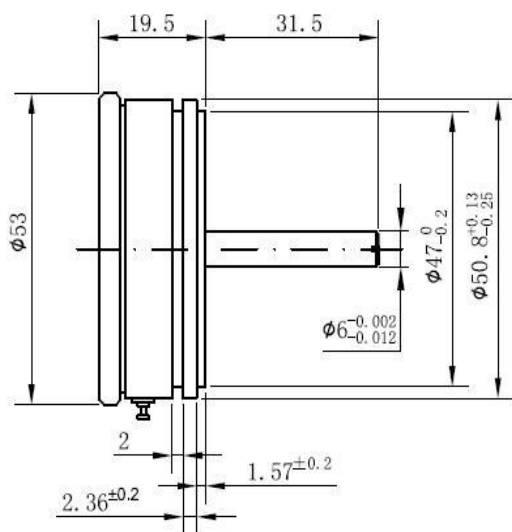
型号：RF5001



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



技术参数/General Specifications

电气性能		机械性能	
标准阻值	1KΩ~10KΩ	机械转角	360°（连续）
阻值公差	标准级 ±15%；精密级 ±1%	启动力矩	≤10*10 ⁻⁴ N.M
独立线性度	标准级 ±1%；精密级 ±0.1%	最大旋转角度	600U/min
理论电气转角	350°±2°	环境特性	
额定功率	2W（70℃）	机械寿命	20*10 ⁶ 周
电阻温度系数	±400p.p.m./℃	使用环境	—55℃~+125℃
绝缘电阻	≥1000MΩ（500V.D.C）	振动	15G 2000Hz
绝缘耐压	1000V(AC.RMS)1min	冲击	50G 11ms
输出平滑性	≤±0.1%		
分辨率	无限		

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。

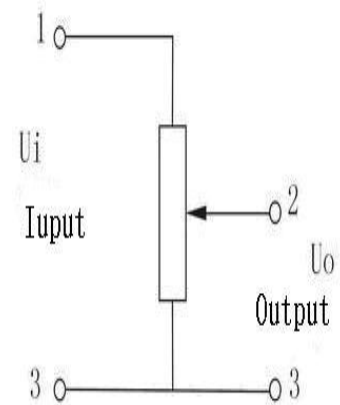
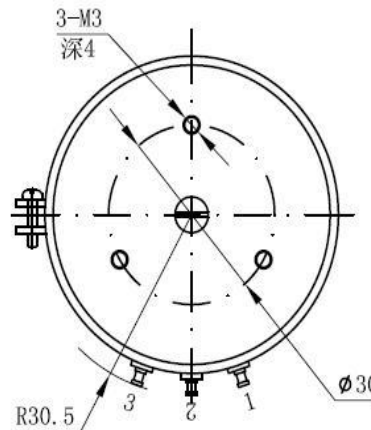
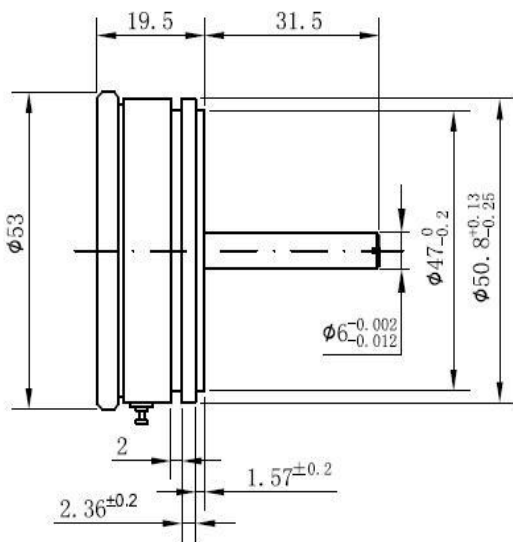
MODEL:RF5001



Feature:

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

Standard Dimensions



General Specifications

Electrical		Mechanical	
Standard Resistance	1KΩ~10KΩ	Mechanical Travel	360° (endless)
Resistance Tolerance	Standard grade: ±15%; Precision grade: ±1%	Starting Torque	≤10*10 ⁻⁴ N.M
Independent Linearity	Standard grade: ±1%; Precision grade: ±0.1%	Max Rotation Angle	600U/min
Electrical Travel	350°±2°	Environmental	
Power Rating	2W (70℃)	Life Expectancy	20*10 ⁶ cycle
Resist.TemperatureCoefficient	±400p. pm. /℃	Operating Temperature	—55℃~+125℃
Insulation Resistance	≥1000MΩ (500VD.C)	Vibration	15G 2000Hz
Dielectric Strength	1000V (AC.RMS)1min	Shock	50G 11ms
Output smoothness	≤±0.1%		
Resolution	Infinity		

Special Specifications Available

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