

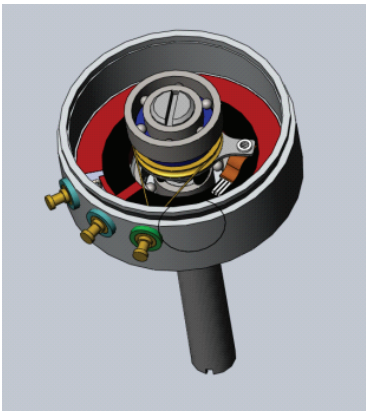
# WDD35S-DOS

(原型号为：WDD35S)

## 产品实物图 ( Product )



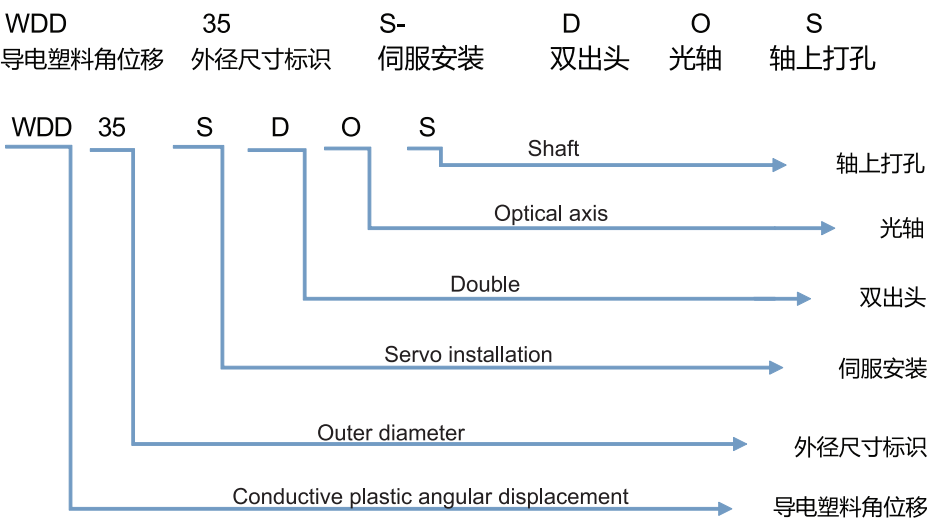
## 内部结构图 ( Basic Construction )



## 特征(Features)

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

## 选型(Part number designation)



# WDD35S-DOS

(原型号为：WDD35S)

## 参数(Specification)

### 电气性能 Electrical Properties

|                                           |                                              |
|-------------------------------------------|----------------------------------------------|
| 标准阻值<br>Standard Resistance               | 1KΩ~10KΩ                                     |
| 阻值公差<br>Resistance Tolerance              | ±15% (标准级standard)<br>±1% (精密级precision)     |
| 独立线性度<br>Independent Linearity            | ±1% (标准级standard)<br>±0.1% (精密级precision)    |
| 理论电气转角<br>Electrical Travel               | 345°±2°(角度可定制<br>special angle is available) |
| 额定功率<br>Power Rating                      | 2W (70℃)                                     |
| 电阻温度系数<br>Resist. Temperature Coefficient | ±400p.p.m./°C                                |
| 绝缘电阻<br>Insulation Resistance             | ≥1000MΩ (500VDC)                             |
| 绝缘耐压<br>Dielectric Strength               | 1000V (AC.RMS)1min                           |
| 输出平滑性<br>Output Smoothness                | ≤±0.10%                                      |

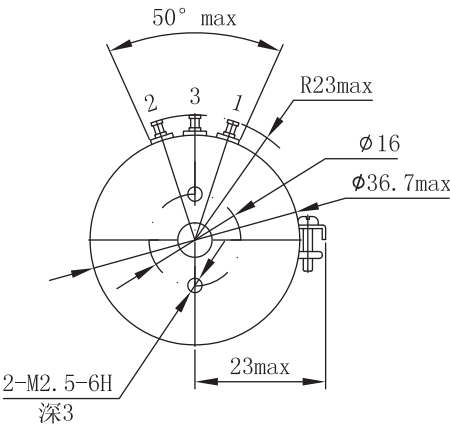
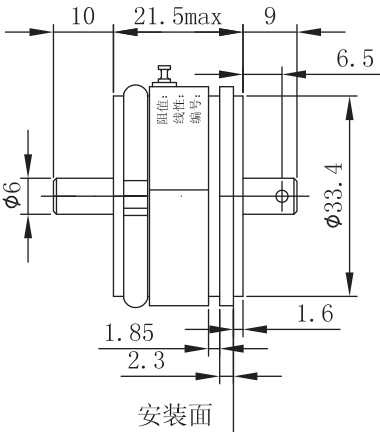
### 机械性能 Mechanical Properties

|                           |                          |
|---------------------------|--------------------------|
| 机械转角<br>Mechanical Travel | 360° (连续 endless)        |
| 启动力矩<br>Starting Torque   | ≤10*10 <sup>-4</sup> N.M |

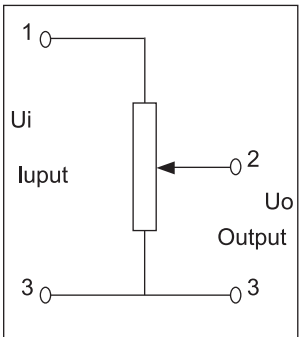
### 环境特性 Environment Characteristics

|                               |                      |
|-------------------------------|----------------------|
| 机械寿命<br>Life Expectancy       | 50*10 <sup>6</sup> 周 |
| 使用环境<br>Operating Temperature | -55℃~+125℃           |
| 振动<br>Vibration               | 15G 2000Hz           |
| 冲击<br>Shock                   | 50G 11ms             |

## 尺寸图(Installation Size)



## 电路图(Output circuitry)



1、3端接输入  
2号端接输出

1、3 terminal is connected with the input  
2、connected with the output