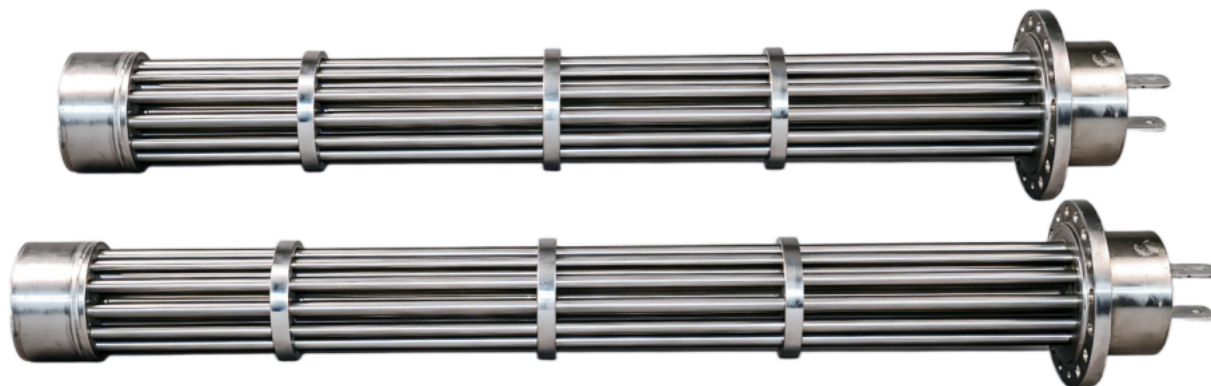


ZDR-22型 / ZDR-22 series



应用 Application

- 适用于负载和制动水冷罐
Suitable for the water cooling tanks for load and brake

产品特点 Product features

- 不锈钢壳体加内散热填料可做到水电分离。
Stainless steel shell with internal heat dissipation packing can achieve water and electricity separation.
- 金属电阻芯可耐瞬间电流冲击。
The metal resistor core can withstand instantaneous current surges.
- 抗热胀冷缩能力强，工作环境适用范围宽。
Strong resistance to thermal expansion and contraction, with a wide range of applicable working environments.
- 冷却水可用淡水或纯水，对水质要求高。
Cooling water can be fresh or pure water, with high requirements for water quality.

设计 Design

- 充分利用不锈钢管型大功率电阻器的高可靠性、高导热性、高耐压、高绝缘的特点。
Fully utilize the high reliability, high thermal conductivity, high voltage resistance, and high insulation characteristics of stainless steel tube type high-power resistors.
- 模块化设计便于安装、应用、维修、更换。
Modular design facilitates installation, application, maintenance, and replacement.
- 法兰和支撑法兰采用氩弧焊接工艺可使得产品耐冲击、振动、碰撞。
The use of argon arc welding technology for flanges and supporting flanges can make the product resistant to impact, vibration, and collision.

安装 Installation

- 可根据客户的需要对功率体积、耐电压等要求设计不同尺寸的罐体进行安装。
Different sizes of tanks can be designed for installation according to customer requirements such as power volume and voltage resistance.

电气特性 Electrical characteristics

阻值范围 Resistance range: 10Ω-500Ω

功率 Power: 制动功率一个电阻单元100kW，负载功率一个电阻单元30kW。

The braking power is 100kW per resistor unit, and the load power is 30kW per resistor unit.

绝缘耐压 Insulation withstand voltage: DC10KV AC7KV

绝缘电阻 Insulation resistance: 冷态 Cold state $\geq 200M\Omega$ 热态 Hot state $\geq 20M\Omega$

冷却方式 Cooling method: 淡水或纯水冷却。Fresh water or pure water cooling.

冷却水温升 Cooling water temperature rise: 制动电阻进、出水口温升应大于15K。

The temperature rise at the inlet and outlet of the braking resistor should be greater than 15K.

防护等级 Protection level: 密封罐不低于IP68，其他不低于IP44。耐盐雾、耐潮湿。

Sealed cans shall not be lower than IP68, and others shall not be lower than IP44. Salt spray resistance and moisture resistance.

制动电阻尺寸 Braking resistor size: 1310*φ240 (可根据客户要求定制 can be customized according to customer needs)