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Resistor Cabinet All Stainless Steel

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GUANGDONG SIKES Electric Co.,Ltd.

SIKES
18 YEARS OF
SUCCESS

Resistor Cabinet All Stainless Steel 全不锈钢电阻柜

全不锈钢电阻柜 Resistor Cabinet All Stainless Steel



Product Profile 产品简述

The STL series resistor cabinet are assembled with Stainless Steel resistors and 304 stainless steel cabinet, it can be suitable for rugged applications with very high power rating. This resistor cabinet is designed for heavy duty and harsh conditions such as elevators, cranes or for braking of big electrical motors. This type has capability to withstand fullload for a long time without any damage. Furthermore the power limits indicated ensure that the temperature doesn't damage other components nearby. It also ensures stability and reliability.

STL系列不锈钢电阻柜采用不锈钢电阻器、304不锈钢机箱,适用于结构强度高及额定功率非常高的制动应用。该不锈钢电阻柜适用于重型和恶劣条件,如电梯,起重机或大型电动机制动。这种不锈钢电阻柜能够长时间满载运行而不会造成任何损坏。此外,指示的功率限制确保温度不会损坏附近的其他组件。它还确保稳定性和可靠性。

Key Features 主要特点

| | |
|---|-----------------------|
| Long term high stability and reliability | 长期运行高稳定性和可靠性 |
| Small thermal drift | 热漂移小 |
| High power ratings(up to 210KW) and large current value application | 高额定功率(高达210KW)和大电流值应用 |
| Terminals suitable for soldering or bolt connection | 端子适用于焊接或螺栓连接 |

Application 应用

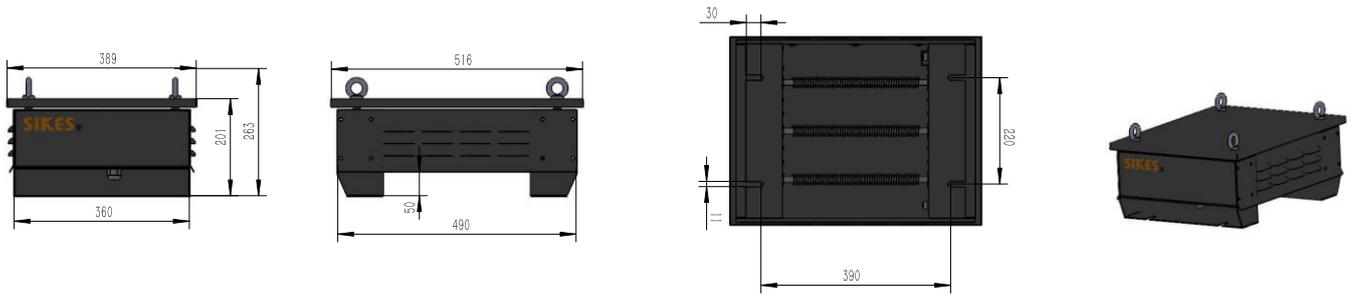
| | |
|--|-----------------|
| Inverter braking equipment or motors | 变频器制动设备或电机 |
| Testing load | 测试负载 |
| Crane systems, various steel mill applications | 起重机系统,各种钢厂应用 |
| Elevator, lift systems, available through distribution | 电梯,电梯系统,起重机,塔吊等 |
| Transit applications | / |

Characteristics of this series 本系列的特点

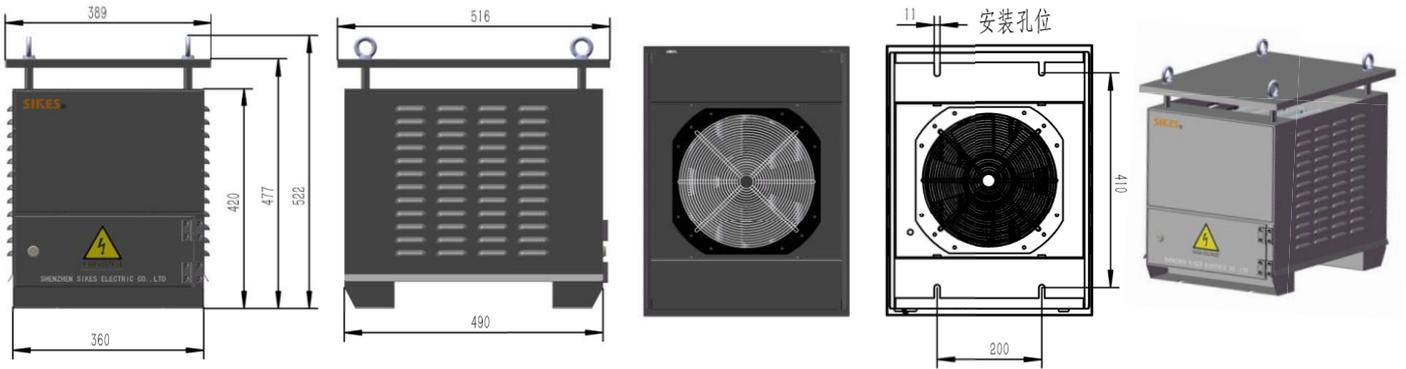
| | |
|--------------------------|---|
| Rated power | 6KW to 210KW |
| Resistance values | From 0.1Ω to as high as 10 KΩ (others on request) |
| Resistors | 304 stainless steel resistor |
| Enclosure material | 304 stainless steel |
| Rated Temperature Rise | 550°C |
| Insulation Resistance | 100MΩ (500V 25°C 75% relative humidity) |
| Dielectric strength | 2.5KV 50Hz 1min (25°C 75% relative humidity) |
| IP protection | IP20, IP23, IP54, IP64 or as required |
| Temperature Coefficients | 25, 50, 100 and 400ppm/°C |

| | |
|------|--------------------------------|
| 额定功率 | 6KW至210KW |
| 阻值 | 从0.1Ω到高达10KΩ |
| 电阻器 | 304不锈钢封装 |
| 机箱材质 | 304不锈钢 |
| 额定温升 | 550°C |
| 绝缘电阻 | 100MΩ (500V 25°C, 75%相对湿度) |
| 介电强度 | 2.5KV 50Hz 1min (25°C 75%相对湿度) |
| IP等级 | IP20, IP23, IP54, IP64或根据需求 |
| 温度系数 | 25, 50, 100和400ppm/°C |

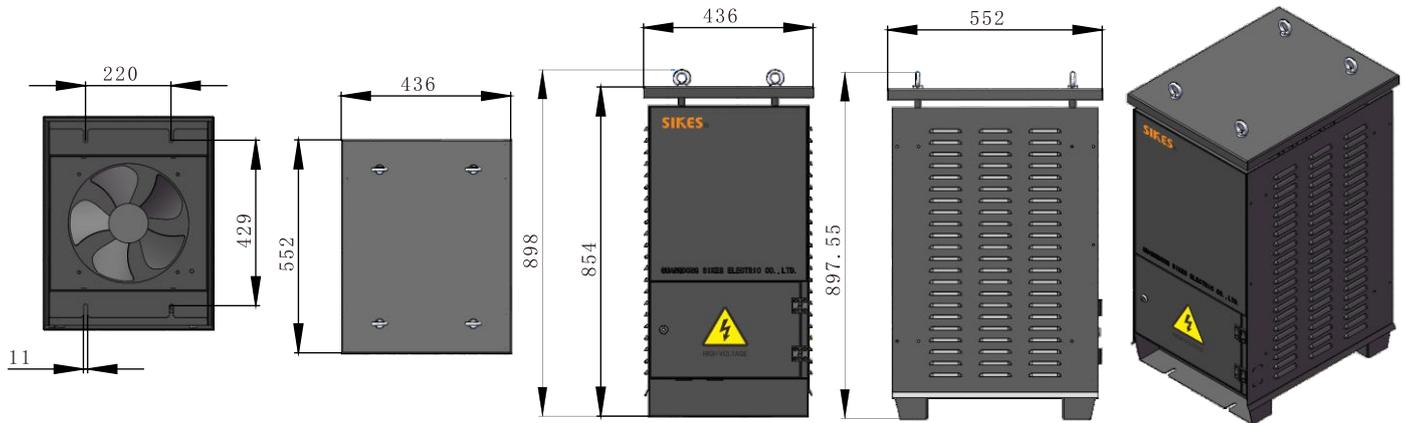
Product Size 产品尺寸图



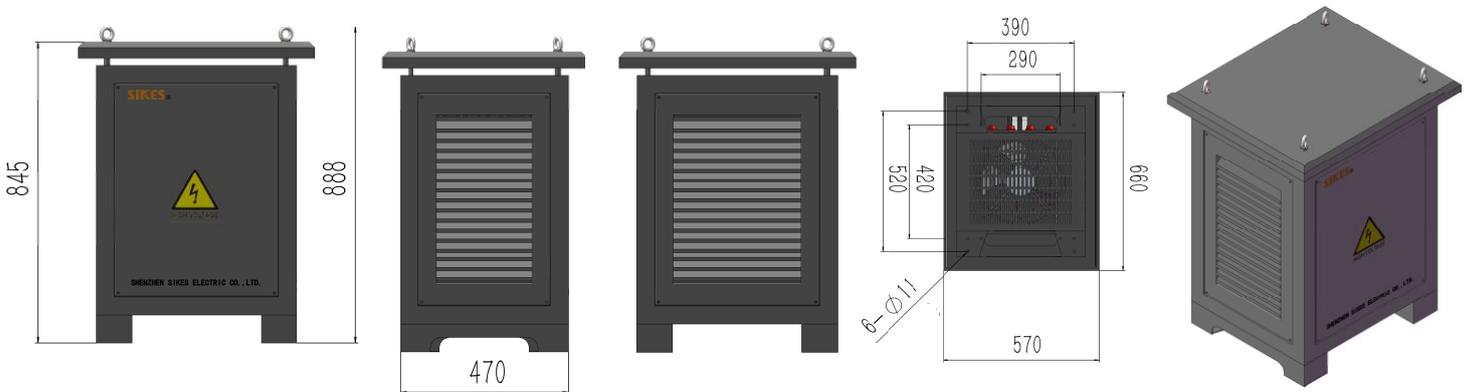
Picture A



Picture B

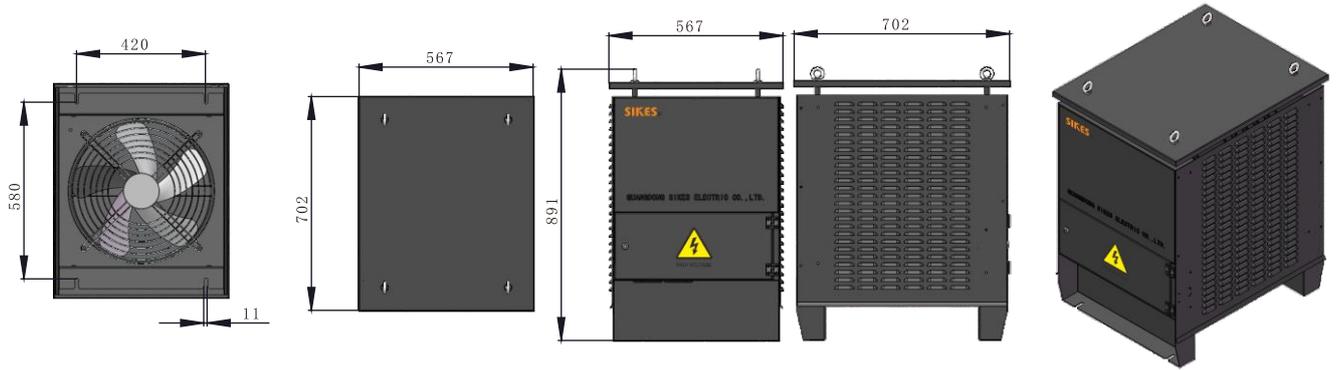


Picture C

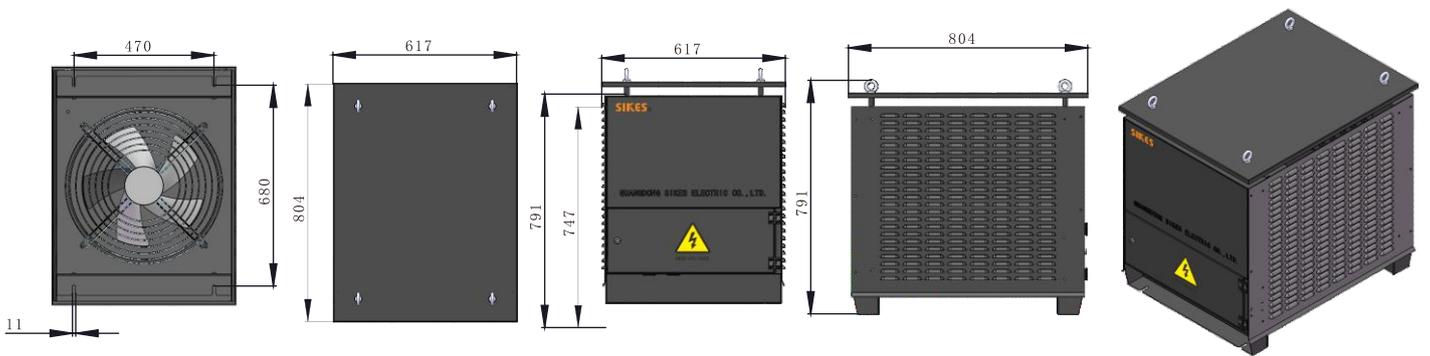


Picture D

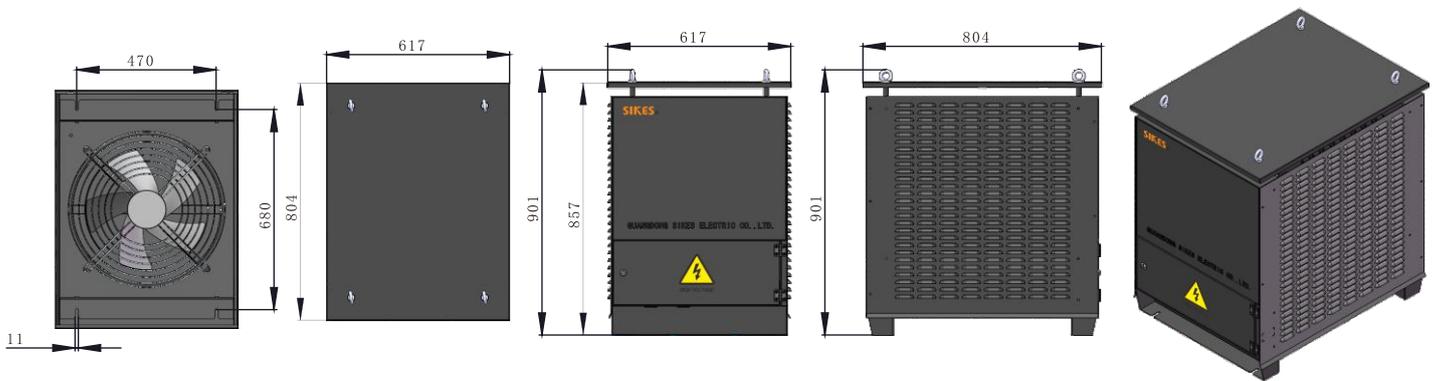
Product Size 产品尺寸图



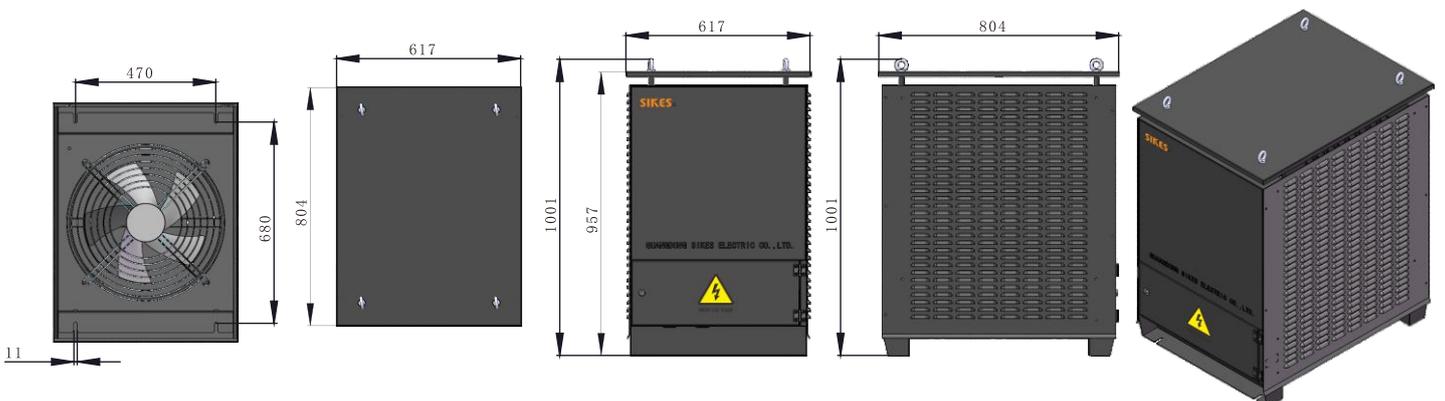
Picture E



Picture F

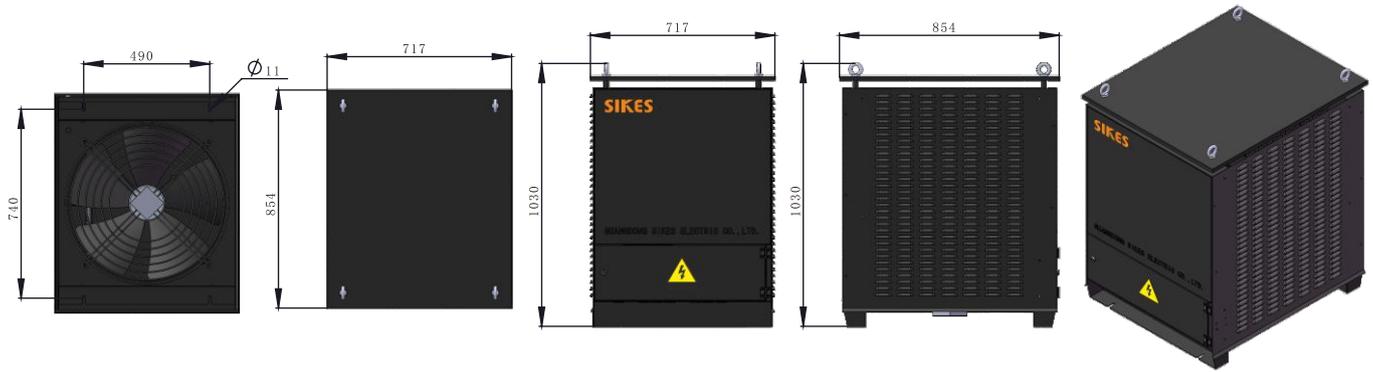


Picture G



Picture H

Product Size 产品尺寸图



Picture I

Selection Table 选型表

| Type 规格 | Rated Power 功率(Kw) | Picture NO. 图号 | IP Class IP等级 | Weight 重量(Kg±10%) | Resistance Range 阻值范围(Ω) | Dimensions 尺寸(mm) |
|------------------|-----------------------|-------------------|------------------|----------------------|-----------------------------|----------------------|
| SKS-STL-6KW/XR | 6 | A | IP54 | 12.90 | 1Ω-1KΩ | 390*515*263 |
| SKS-STL-7KW/XR | 7 | | IP54 | 13.45 | 1Ω-1KΩ | 390*515*263 |
| SKS-STL-8KW/XR | 8 | | IP54 | 14.00 | 1Ω-1KΩ | 390*515*263 |
| SKS-STL-9KW/XR | 9 | | IP54 | 14.55 | 1Ω-1KΩ | 390*515*263 |
| SKS-STL-10KW/XR | 10 | | IP54 | 15.10 | 1Ω-1KΩ | 390*515*263 |
| SKS-STL-12KW/XR | 12 | B | IP54 | 26.60 | 1Ω-1KΩ | 390*515*522 |
| SKS-STL-15KW/XR | 15 | | IP54 | 28.25 | 1Ω-1KΩ | 390*515*522 |
| SKS-STL-18KW/XR | 18 | | IP54 | 29.90 | 1Ω-1KΩ | 390*515*522 |
| SKS-STL-20KW/XR | 20 | | IP54 | 31.00 | 1Ω-1KΩ | 390*515*522 |
| SKS-STL-25KW/XR | 25 | C | IP54 | 46.20 | 1Ω-1KΩ | 436*552*898 |
| SKS-STL-28KW/XR | 28 | | IP54 | 48.00 | 1Ω-1KΩ | 436*552*898 |
| SKS-STL-30KW/XR | 30 | | IP54 | 49.00 | 1Ω-1KΩ | 436*552*898 |
| SKS-STL-35KW/XR | 35 | E | IP54 | 50.00 | 1Ω-1KΩ | 436*552*898 |
| SKS-STL-40KW/XR | 40 | | IP54 | 71.00 | 0.4Ω-1KΩ | 567*702*891 |
| SKS-STL-50KW/XR | 50 | | IP54 | 76.50 | 0.2Ω-1KΩ | 567*702*891 |
| SKS-STL-60KW/XR | 60 | F | IP54 | 80.00 | 0.2Ω-1KΩ | 567*702*891 |
| SKS-STL-65KW/XR | 65 | | IP54 | 80.50 | 0.2Ω-1KΩ | 617*804*791 |
| SKS-STL-70KW/XR | 70 | | IP54 | 85.00 | 0.2Ω-1KΩ | 617*804*791 |
| SKS-STL-80KW/XR | 80 | | IP54 | 92.00 | 0.1Ω-1KΩ | 617*804*791 |
| SKS-STL-90KW/XR | 90 | G | IP54 | 95.00 | 0.1Ω-1KΩ | 617*804*791 |
| SKS-STL-100KW/XR | 100 | | IP54 | 96.00 | 0.1Ω-1KΩ | 617*804*791 |
| SKS-STL-110KW/XR | 110 | | IP54 | 160.0 | 0.1Ω-1KΩ | 617*804*901 |
| SKS-STL-120KW/XR | 120 | H | IP54 | 163 | 0.1Ω-1KΩ | 617*804*901 |
| SKS-STL-130KW/XR | 130 | | IP54 | 166 | 0.1Ω-1KΩ | 617*804*901 |
| SKS-STL-140KW/XR | 140 | I | IP54 | 168 | 0.1Ω-1KΩ | 617*804*1001 |
| SKS-STL-150KW/XR | 150 | | IP54 | 171 | 0.1Ω-1KΩ | 617*804*1001 |
| SKS-STL-160KW/XR | 160 | | IP54 | 174 | 0.1Ω-1KΩ | 617*804*1001 |
| SKS-STL-170KW/XR | 170 | I | IP54 | 171 | 0.1Ω-1KΩ | 717*854*1030 |
| SKS-STL-180KW/XR | 180 | | IP54 | 173 | 0.1Ω-1KΩ | 717*854*1030 |
| SKS-STL-190KW/XR | 190 | | IP54 | 176 | 0.1Ω-1KΩ | 717*854*1030 |
| SKS-STL-200KW/XR | 200 | | IP54 | 179 | 0.1Ω-1KΩ | 717*854*1030 |
| SKS-STL-210KW/XR | 210 | | IP54 | 181 | 0.1Ω-1KΩ | 717*854*1030 |