

**F**OCUSING ON POWER QUALITY.  
PROFESSION, CONCENTRATION.

# DIRECT **SIKES**

Power Transformers / Harmonic Filter / Sine Wave Filter / EMC Filter/  
Reactor / Regenerative Brake / Braking Chopper / Power Braking Resistor/  
Load test for generator, electric vehicle driver, motor controller, charging  
station etc.

## Braking Resistor Box

Whole product portfolios of power braking solution can be offered.



We are developing and producing in China for the world.



**GUANGDONG SIKES Electric Co.,Ltd.**

**SIKES**  
**18** YEARS OF  
SUCCESS

# Braking Resistor Box 制动电阻箱

制动电阻箱  
Braking Resistor Box



## Product Profile 产品简述

The BRB series of products are resistor boxes that are assembled with Wire wound Resistors and are applicable to power consuming circuits of inverter for braking equipment with large rated power and current, testing equipment, elevator and crane.

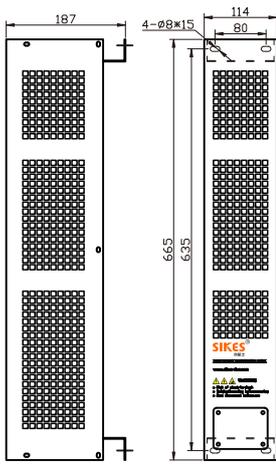
BRB系列产品是由波纹电阻器组合而成的电阻箱，适用于大功率，大电流的制动设备、试验测试设备、电梯、起重等变频器的能耗制动回路中。

## Product Parameters 产品参数

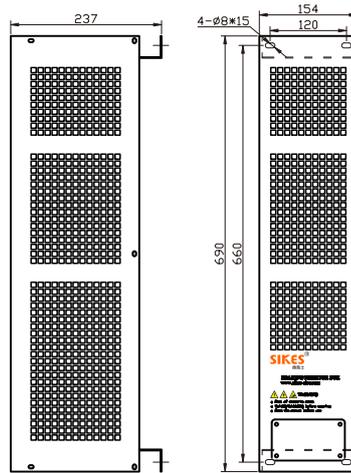
Power Range	2kW~36kW
Voltage Range	<1000V
Resistance Range	1Ω~1KΩ
Dielectric Strength	AC 3KV/5S
IP Protection	Ip00
Vibration	0.5g
Temperature Coefficient	≤400ppm/°C
Element Material	OCr25AL5
Advantage	relatively bad working environment
Disadvantages	Working Voltage is not very high, <800V

额定功率范围	2kW~36kW
工作电压范围	<1000V
额定阻值范围	1Ω~1KΩ
耐压范围	AC 3KV/5S
IP 等级	Ip00
振动	0.5g
温漂范围	≤400ppm/°C
截流材料	OCr25AL5
优势	较恶劣工作环境
劣势	工作电压不高, <800V

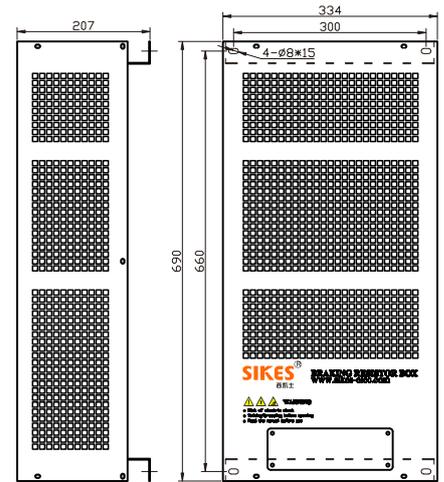
## Product Size 产品尺寸图



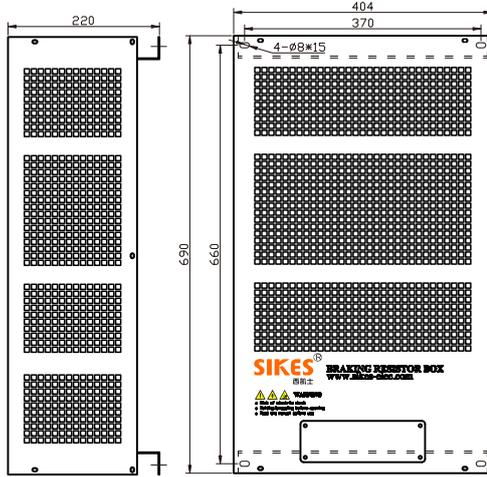
Picture A



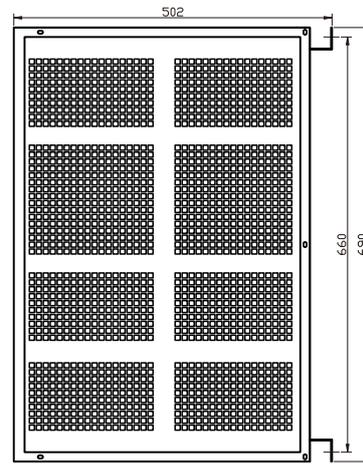
Picture B



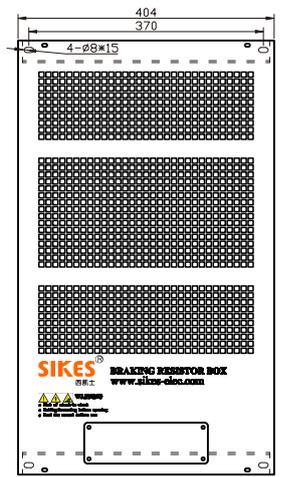
Picture C



Picture D



Picture E



## Selection Table 选型表

Type 规格	Rated Power 功率(Kw)	Picture NO. 图号	Terminal 端子台螺钉	Weight 重量(Kg±10%)	Cable 建议配线 (mm)	Resistance Range 阻值范围(Ω)	Combination 组合
BRB	2.0	A	M6	6.45	4	1Ω-1KΩ	2000W*1
	3.0		M6	6.48	4	1Ω-1KΩ	3000W*1
	4.0		M6	9.18	6	1Ω-1KΩ	4000W*1
	5.0	B	M6	9.18	6	1Ω-1KΩ	5000W*1
	6.0		M6	9.18	6	1Ω-1KΩ	6000W*1
	6.0		M6	15.50	6	1Ω-1KΩ	3000W*2
	7.0	C	M6	15.50	6	1Ω-1KΩ	3500W*2
	8.0		M6	16.00	10	1Ω-1KΩ	2700W*3
	9.0		M6	16.00	10	1Ω-1KΩ	3000W*3
	10.0	D	M6	16.00	10	1Ω-1KΩ	3500W*3
	12.0		M6	22.00	10	1Ω-1KΩ	4000W*3
	15.0		M6	22.00	10	1Ω-1KΩ	5000W*3
	18.0	E	M6	22.00	10	1Ω-1KΩ	6000W*3
	20.0		M6	44.50	16	1Ω-1KΩ	5000W*4
	25.0		M6	44.50	16	1Ω-1KΩ	5000W*5
	30.0	E	M6	49.00	16	1Ω-1KΩ	5000W*6
36.0	M6		49.00	16	1Ω-1KΩ	6000W*6	