PRODUCT DATASHEET

KLRG

Power resistor cabinet

Product overview

Rated power range

15–150 kW

Series resistance coverage

0.1–1000 Ω

Reference standard GB/T 5729-2003



Features

- Good load performance at elevated temperatures
- High overload capability
- Easy installation

Applications

- Power distribution and load testing
- Inverter power supplies and VFD braking
- Electronic equipment

Power, resistance and dimensional selection

Rated power (kW)	Resistance range (Ω)	L (mm)	A (mm)	H (mm)
15	0.1–1000	480	450	600
20	0.1–820	480	450	800
25	0.1–680	580	450	800
30	0.1–560	580	450	1000
40	0.1–510	750	450	1400
50	0.1–470	750	550	1200
60	0.1–430	750	550	1400
80	0.1–390	750	700	1400
100	0.1–220	750	700	1500
120	0.1–200	750	850	1500
150	0.1–200	750	850	1500

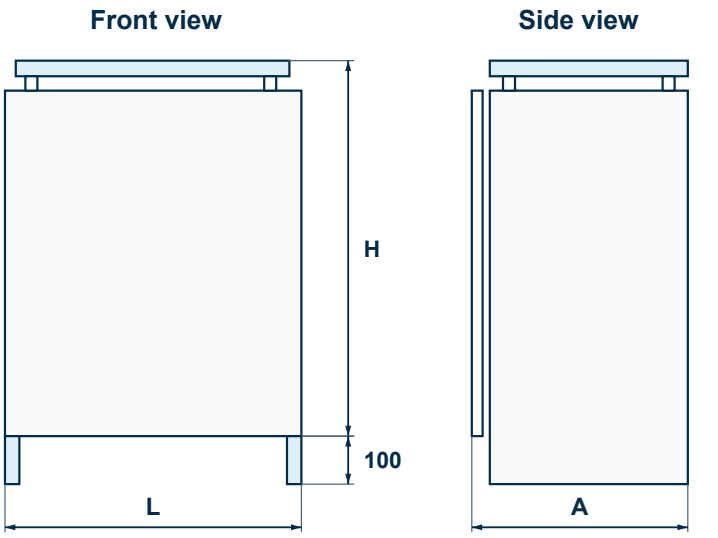
Use the resistance range and cabinet dimensions for the selected power rating.

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Cabinet outline dimensions

Dimensions in mm · Drawings not to scale



H and the lower 100 mm dimension are shown separately.

Configurations and operating conditions

N Low-inductance version

S Axial-fan-cooled version

Braking and starting current limitation

For VFD braking or starting current limitation, use 3–5 times rated power as a selection reference. Confirm load duration and duty cycle before selection.

Continuous resistor loads

Forced-air cooling can reduce the internal cabinet temperature under continuous load. This configuration adds 200 mm to the cabinet height.

Ordering requirements

Specify low inductance when ordering. If the application requires operation above the product’s maximum working voltage, state that requirement when ordering.