



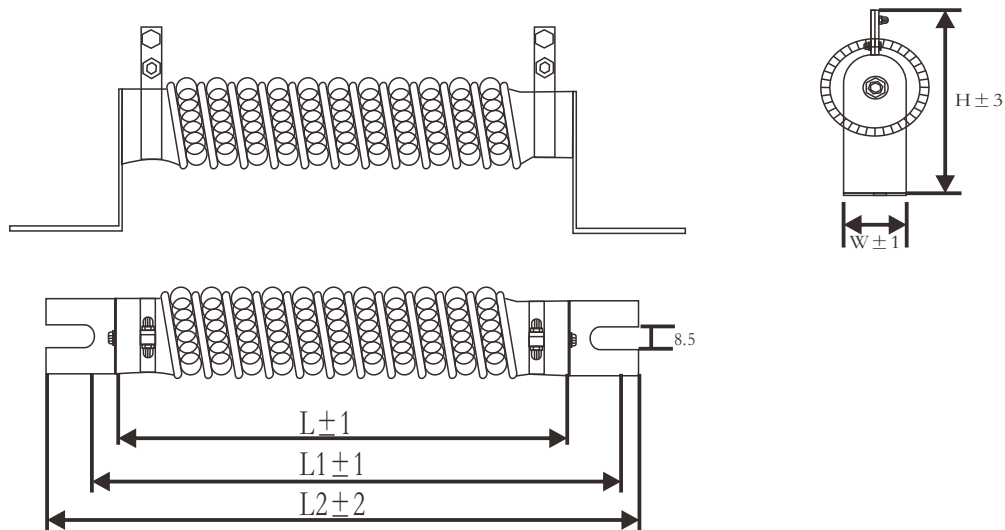
● Features

Resistance box is made of alloy resistance wire which is winding on a porcelain tube. Braking resistor is a carrier that makes the renewable energy of the machine consumption in the way of heat.

● Applications

As a braking resistor to protect inverter, servo, etc from the dangers of the motor power; As an impedance load to test power electronic load; As a sampling resistor, current limiting resistor, starting resistance, protect the resistance in power electronic equipment.

● Dimensions



Type	Power(w)	Dimensions(mm)				
		L±1	L1±1	L2±2	W±1	H±3
RXG	800-2000	310	340	370	38	110-130
	1500-5000	410	445	470	38	

● Power And Resistance etc

Type	Power(w)	Resistance range(Ω)	Tolerance range
RXG	800-2000	1 Ω ~20K Ω	J = $\pm 5\%$ K = $\pm 10\%$
	1500-5000	1 Ω ~50K Ω	

● Performance

Test Items	Specifications	Test method
		SJ1330-78
Terminal tensile strength	$\Delta R \leq \pm (1\%R + 0.05\Omega)$	2.5.1
Vibratious	$\Delta R \leq \pm (1\%R + 0.05\Omega)$	2.8
Surface Temperature Rise	Resistor surface temperature rise is small 275°C	2.11
Short-time overload	$\Delta R \leq \pm (2\%R + 0.05\Omega)$	2.12
Insulation	greater 20M Ω /CM ₂	2.13
Temperature cycle	$\Delta R \leq \pm (2\%R + 0.05\Omega)$	2.16
Dampheat, steady state	$\Delta R \leq \pm (2\%R + 0.05\Omega)$	2.17
Load life	$\Delta R \leq \pm (5\%R + 0.1\Omega)$	2.18

● Ordering Information

Example

RXG	6000W	J	4KR
Product Name	Power	Tol	Resistance Value(Ω)
High Power Thyead Resistors	800-2000W 1500-5000W	J \pm 5% K = \pm 10%	4KR = 4 Ω