



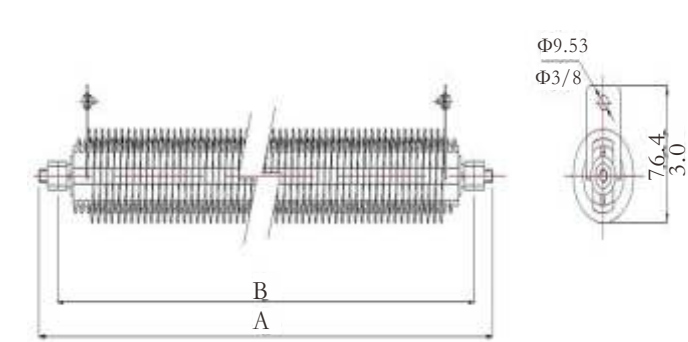
● Features

- I Use a metal screw and high-quality ceramics as skeleton
- II .Resistor components adopts resistance alloy which performance is very stable
- III .Terminal and resistor body introduces argon arc welding process
- IV .Continuous surface temperature does not exceed 350 °C

● Applications

- I Widely used in power generation assembly
- II Also used in high power electrical equipment

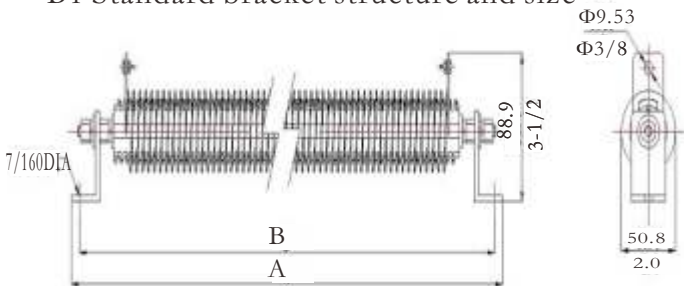
● Constructions(mm)



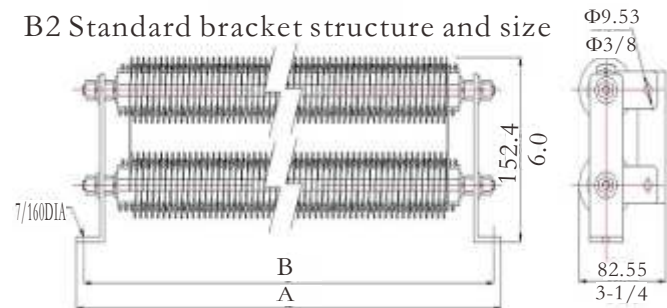
Type	Total Length A		Dimensions B	
	(mm)	(inch)	(mm)	(inch)
RWE-2	228.60	9	117.8	7
RWE-3	285.75	11.25	254	10
RWE-4	381.00	15	330.2	13
RWE-5	438.15	17.25	406.4	16
RWE-6	615.95	24.25	457.2	18
RWE-7	615.95	24.25	558.8	22
RWE-8	762.00	30	635	25
RWE-9	838.20	33	711.2	28

● Standard bracket structure and size

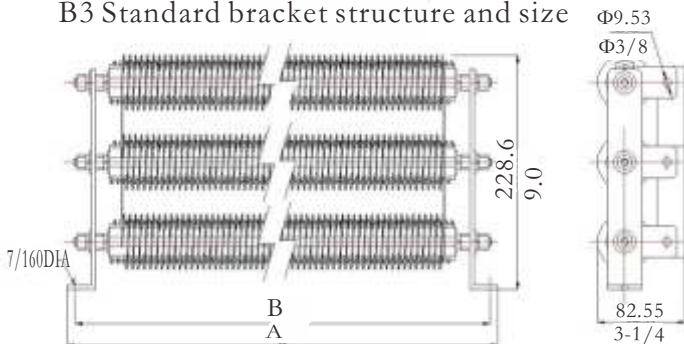
B1 Standard bracket structure and size



B2 Standard bracket structure and size



B3 Standard bracket structure and size

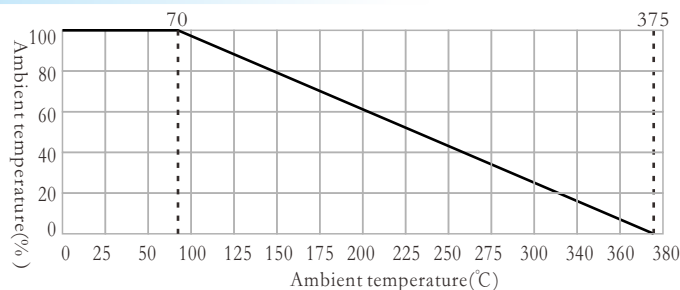


Type \ Dimensions	2		3		4		5		6		7		8		9	
	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)	(mm)	(inch)
A	228.6	9	304.8	12	381.5	15	457.2	18	508	20	609.6	24	685.8	27	762	30
B	203.2	8	279.4	11	355.6	14	431.8	17	482.6	19	584.2	23	660.4	26	736.6	29

● Reference Standards

JISC 5201-1

Derating Curve



Performance

Test Items	Performance	Test Methods(JIS C 5201-1)
T.C.R.	$\pm 250\text{ppm}/^\circ\text{C}$	20°C ~ 375°C
Terminals Strength	$\Delta R \leq \pm (2\%R + 0.05\Omega)$	45N, 30s
Thermal shock	$\Delta R \leq \pm (2\%R + 0.1\Omega)$	PR, 30min / -55°C, 15min
overdrive	$\Delta R \leq \pm (2\%R + 0.1\Omega)$	10PR, 5s

Standard resistance and models

Type	Rated current	Resistance value(Ω) 40°C $\pm 10\%$							
		Type2 SIZE2	Type3 SIZE3	Type4 SIZE2	Type5 SIZE3	Type6 SIZE2	Type7 SIZE3	Type8 SIZE2	Type9 SIZE3
RWE	11	2.30	3.70	5.10	6.50	7.90	9.30	10.7	12.0
RWE	12	1.90	3.10	4.30	5.40	6.60	7.80	8.90	10.0
RWE	18	1.10	1.70	2.40	3.00	3.60	4.30	4.90	5.50
RWE	21	0.79	1.26	1.73	2.20	2.67	3.14	3.60	4.10
RWE	24	1.62	1.00	1.40	1.75	2.10	2.50	2.87	3.20
RWE	27	0.50	0.80	1.10	1.40	1.70	2.00	2.30	2.60
RWE	29	0.44	0.70	0.96	1.20	1.50	1.70	1.95	2.20
RWE	35	0.31	0.50	0.69	0.88	1.10	1.30	1.50	1.70
RWE	40	0.24	0.39	0.54	0.68	0.83	0.97	1.12	1.30
RWE	45	0.22	0.35	0.46	0.61	0.74	0.87	1.00	1.10
RWE	50	0.17	0.27	0.37	0.47	0.57	0.67	0.77	0.87
RWE	60	-	0.20	0.27	0.33	0.40	0.47	0.58	0.65
RWE	70	-	0.15	0.20	0.25	0.30	0.35	0.40	0.45
RWE	85	-	0.12	0.15	0.18	0.23	0.27	0.31	0.35
RWE	105	-	0.09	0.12	0.15	0.18	0.21	0.24	0.27

Ordering Information

例

Type	current	Resistance Tolerance	Resistance Value (Ω)	T.C.R
RWE High power circular plate resistor	11A 12A 18A 21A	K = $\pm 10\%$	1.1R = 1.1 Ω	$\pm 250\text{ppm}/^\circ\text{C}$