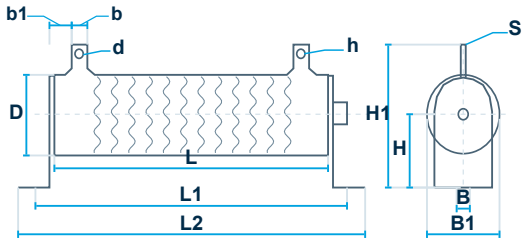
RXHG / RXHG20

Coated Wave-Wound Fixed Resistors



Upper: without brackets. Lower: with brackets.

Outline drawing



Dimensions in the table are in mm.

Model selection and dimensions

Type	Power (W)	Range (Ω)	L	L1	L2	D	B	B1	H1	H	b	b1	d	S
RXHG-75	75	0.1-8.2	75	115	135	28	6	27	58	29	8	6	5	1.2
RXHG-90	90	0.1-10	90	130	146	28	6	27	60	30	8	6	5	1.2
RXHG-120	120	0.1-12	110	150	166	28	6	27	60	30	8	6	5	1.2
RXHG-150	150	0.1-15	140	180	196	28	6	27	60	30	8	6	5	1.2
RXHG-180	180	0.1-18	160	200	216	28	6	27	60	30	8	6	5	1.2
RXHG-225	225	0.1-24	195	235	251	28	6	27	60	30	8	6	5	1.2
RXHG-240	240	0.1-24	185	-	-	35	8	-	76	38	10	6	5	1.6
RXHG-300	300	0.1-30	210	250	274	35	8	34	76	38	10	6	5	1.6
RXHG-375	375	0.1-39	210	250	274	40	8	34	78	38	12	6	5	1.6
RXHG-450	450	0.1-47	260	300	320	40	8	34	78	38	12	6	5	1.6
RXHG-600	600	0.1-68	330	370	395	40	8	34	78	38	12	6	5	1.6
RXHG-750	750	0.1-75	400	380	400	50	9	40	100	50	12	8	6	1.6
RXHG-900	900	0.1-100	400	450	470	50	9	40	100	50	12	8	6	1.6
RXHG-1000	1000	0.1-100	460	510	530	50	9	40	100	50	12	8	6	1.6
RXHG-1200	1200	0.1-120	460	515	535	50	10	55	110	55	15	10	6	1.6
RXHG-1500	1500	0.1-150	540	595	615	50	10	55	110	55	15	10	6	1.6
RXHG-2000	2000	0.1-200	540	702	722	65	15	58	115	58	15	10	6	1.6
RXHG-2500	2500	0.5-300	600	630	654	70	15	70	135	70	15	12	6	2
RXHG-3000	3000	1-430	700	730	754	70	15	70	135	70	15	12	6	2

A dash marks obscured RXHG-240 values for L1, L2 and B1. Confirm these dimensions.

RXHG-750 L / L1 is listed as 400 / 380 mm in the source.

RXHG is coated. RXHG20 is vitreous-enamelled.

RXHG / RXHG20

Performance and Test Methods

Performance requirements

Test standards listed in the source GB/T 5729-94 and IEC 115-1

Test	Requirement	Method clause
Resistance tolerance	±2%, ±5%, ±10%	-
Short-time overload	|ΔR| ≤ 1%R + 0.05 Ω	4.13
Resistance to soldering heat	|ΔR| ≤ 1%R + 0.05 Ω	4.18
Room-temperature load life	|ΔR| ≤ 5%R + 0.1 Ω	4.25.2
Vibration	|ΔR| ≤ 5%R + 0.1 Ω	4.22
Surface temperature rise	≤ 250 °C	4.14

ΔR is the change in resistance after the test.

Product construction



Without brackets



With brackets

RXHG is coated. RXHG20 is vitreous-enamelled.