

Wirewound, 300 W Liquid Cooled Load Resistor



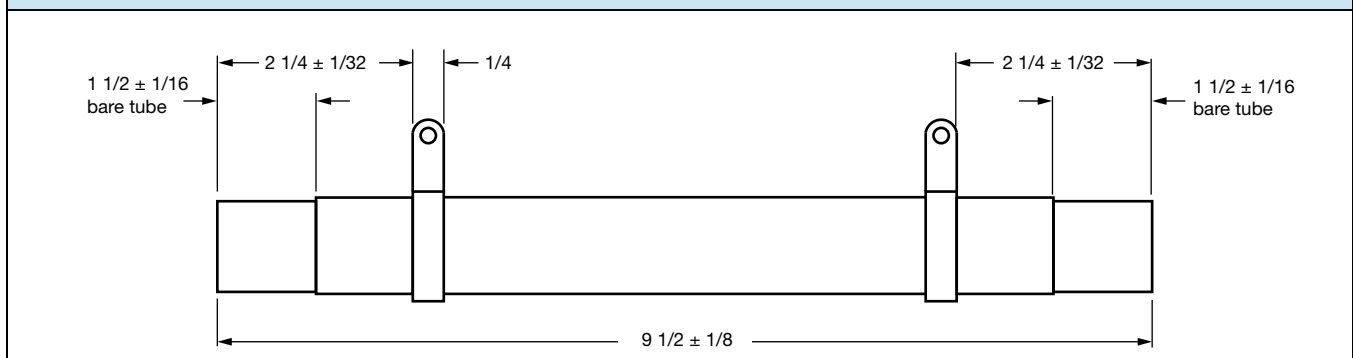
FEATURES

- Insulation is fitted over copper tubing
- Resistance element alloy wire is precisely wound onto the tube and then spot welded to the terminal bands
- Wire is “locked” onto the core with a silicone coating
- Units can be wound non-inductively with Ayrton-Perry winding for the lowest reactive component

STANDARD ELECTRICAL SPECIFICATIONS

GLOBAL MODEL	POWER RATING W	RESISTANCE RANGE Ω	TOLERANCE \pm %
CS71	300	0.25 to 37K	5

DIMENSIONS in inches



TECHNICAL SPECIFICATIONS

PARAMETER	UNIT	RESISTOR CHARACTERISTICS
Power rating	W	300 cooled with 1 gal/min of 17 °C water
Resistance range	Ω	0.25 to 37K
Resistance tolerance	%	5 (standard)
Dielectric withstanding voltage	V_{AC}	3000 RMS

GLOBAL PART NUMBER INFORMATION

Global Part Numbering example: CS710300R3000B9123 (CS71 300 W 0.3 Ω Bulk 1234)

MODEL (2 digits)	TYPE (2 digits)	SIZE (4 digits)	VALUE (5 digits)	PACKAGING (1 digit)	SPECIAL (4 digits)
CS	71 = watercooled	Sample Sizes: K = thousand 0300 = 300 W	Sample Sizes: R = decimal K = thousand R1500 = 0.15 Ω 1K500 = 1.5 k Ω resultant wattage	B = bulk	9123 = inductive 8968 = noninductive



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