



## Wirewound, 300 W Liquid Cooled Load Resistor



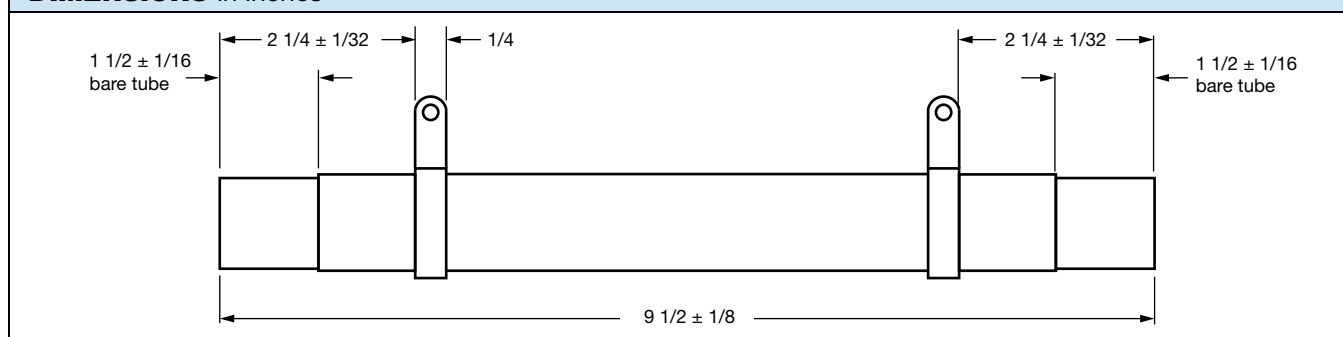
### FEATURES

- 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 $\Omega$	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	$\Omega$	0.25 to 37K
Resistance tolerance	%	5 (standard)
Dielectric withstanding voltage	V <sub>AC</sub>	3000 RMS

### GLOBAL PART NUMBER INFORMATION

Global Part Numbering example: CS710300R3000B1234 (CS71 300 W 0.3  $\Omega$  Bulk 1234)

C	S	7	1	0	3	0	0	R	3	0	0	0	B	9	1	2	3
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 $\Omega$ 1K500 = 1.5 k $\Omega$ resultant wattage				B = bulk		9123 = inductive 8968 = non inductive			



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