High Power Resistors

Type BFA Series

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These variable rheostats are produced using constantan (CuNi44) wire, wound onto ceramic formers, with insulated wire to give mechanical stability and good heat dissipation.

A leaf spring type wiper, with a ceramic handle is used to vary the resistance.

The resistors are protected with a perforated, pressed steel cover and three laboratory terminals are provided so that the unit can be used as a series resistor or potential divider.

These are ideal to provide variable current outputs in all laboratory environments.

Key Features

- Power Dissipation up to 10 Amps
- Tough Steel Box Construction
- 3 Terminals For Divider Use
- 10 Times Power - Short Time
- Operate up to 400°C
- Custom Designs Welcome

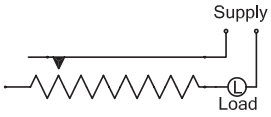
Characteristics - Electrical

Maximum Current (Amps):	10	5	4	2	1
Resistance (Ohms):	5.6	22	33	120	560
Maximum Continuous Power (Watts):	811	760	675	580	521
Element Size (mm):	400 x 60	400 x 60	400 x 60	400 x 60	400 x 40
Weight (Kg):	2.6	2.6	2.6	2.6	1.7

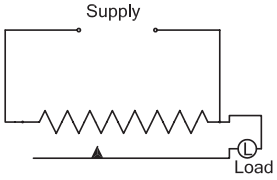
Resistor Tolerance: -10%
Resistor Values: Conforms to IEC Series E12

Connection Details

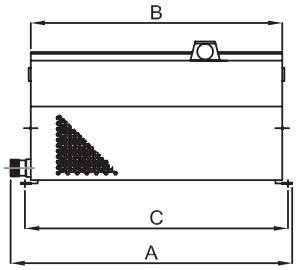
Single Tube, Series Connected

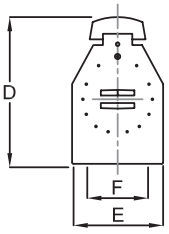


Single Tube, Potentiometer Connected



Dimensions





Current Rating	A	B	C	D	E	F
10	450	405	420	153	94	63
5	450	405	420	153	94	63
4	450	405	420	153	94	63
2	450	405	420	153	94	63
1	450	405	420	132	68	47

How to Order

Most BF resistors are custom designed against customers required duty cycles.
Our technical staff will issue R numbers against defined specifications.