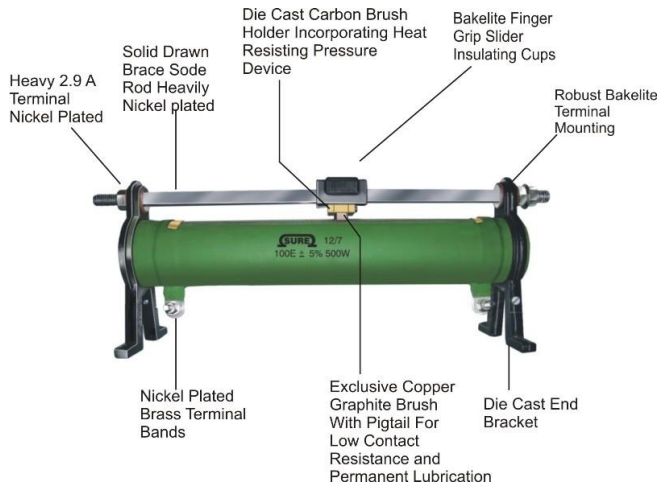




SURE RESISTORS

SRH - SURE SILICON COATED RHEOSTAT WITH CARBON BRUSH CONTACT

FEATURES



- Industrial quality Components
- Trouble-Free long service
- Wide range of resistance values and current-carrying capacities.

Image above is of 500W rheostat

Rheostats are mainly used for regulating electric current in industry and laboratory where these are used as adjustable resistors in electrical circuits. With three terminal provisions, these can also be used to vary a D.C. potential smoothly from zero to maximum.

Rheostats consists of resistance wire wound on a Ceramic former with high temperature grade silicon coating, ensuring good mechanical strength and sturdiness. The Brush gear slides on a highly polished square slide rod of Brass Material. The brush is of copper graphite with pigtail connections. Two heat resisting compression springs hold brush firmly in contact with the resistance wires. Copper graphite brush provides necessary lubrication to prevent wear and tear of wire of wire even at elevated temperatures. The brush is housed in a slider knob of molded Bakelite designed for easy handling.

This single tube fitted with Powder coated sheet metal fabricated bracket

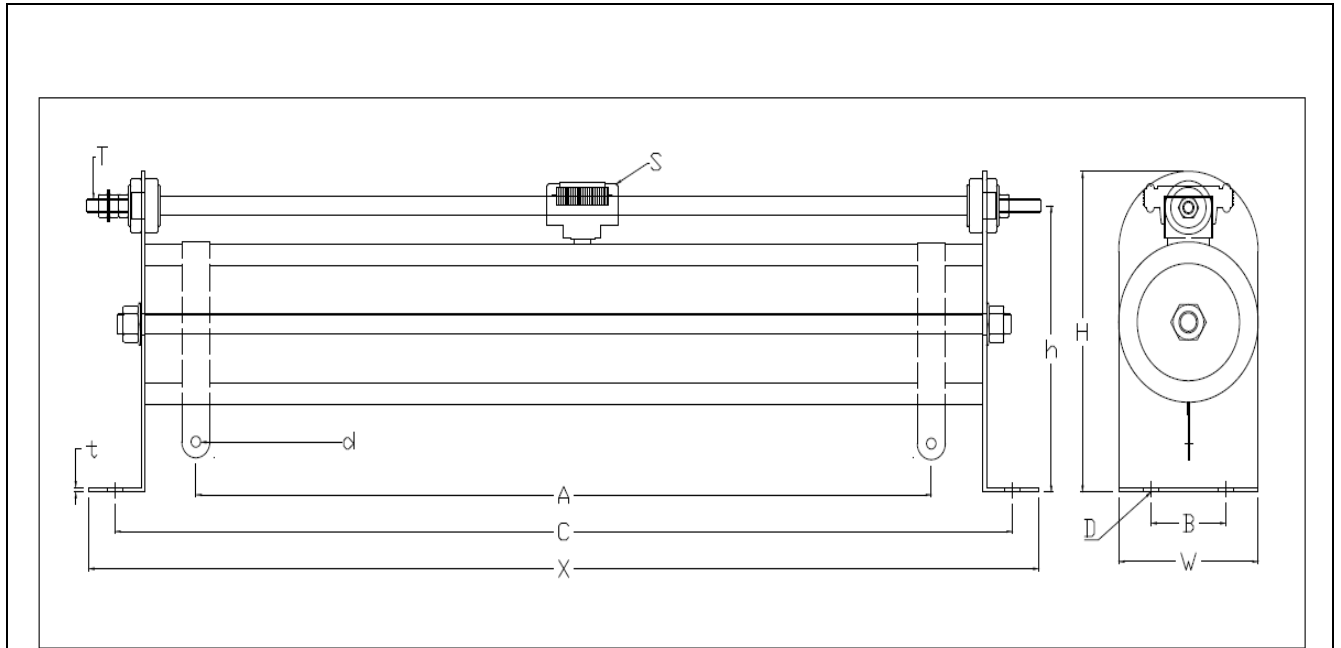
TECHNICAL DATA.

(As per IS: 9051)

Tolerance on resistance value	: + 20 % to -5 %
H.V.Test	: 2kV for 1 minute
Temperature rise	: 375°C above ambient on full load
Maximum working voltage	: 500V
Ambient temperature	: 0....45°C

*The temperature rise above ambient temperature is with Rheostats mounted vertically in free air, with hotter end of the winding above the brush

MECHANICAL SPECIFICATION (Dimension in mm)



TYPE	SRH 1000	SRH 1250	SRH 1500	SRH 2000
Power (in Watt)	1000W	1250W	1500W	2000W
X ±3.0	510	585	660	810
C ±2.0	482	557	632	782
A ±2.0	395	470	545	695
H ±1.0	150	150	150	150
h ±1.0	134	134	134	134
W ±0.5	75	75	75	75
B ±1	40	40	40	40
t ± 0.2	2	2	2	2
D	8	8	8	8
d	5.1	5.1	5.1	5.1
T	M6/ Brass	M6/ Brass	M6/ Brass	M6/ Brass
S	Bakelite Slider	Bakelite Slider	Bakelite Slider	Bakelite Slider