

High Power Slide Rheostat Load Banks – DSR-WB

High Power Slide Rheostat with external metal enclosure.

With load power up to 50kW and load current up to 100A

Resistance value is adjustable by hand wheel

With build in Voltmeter, Ammeter, Wattmeter and Cooling system

Options : Thermal protection, Over Current protection, Ohmmeter and Main control Switch

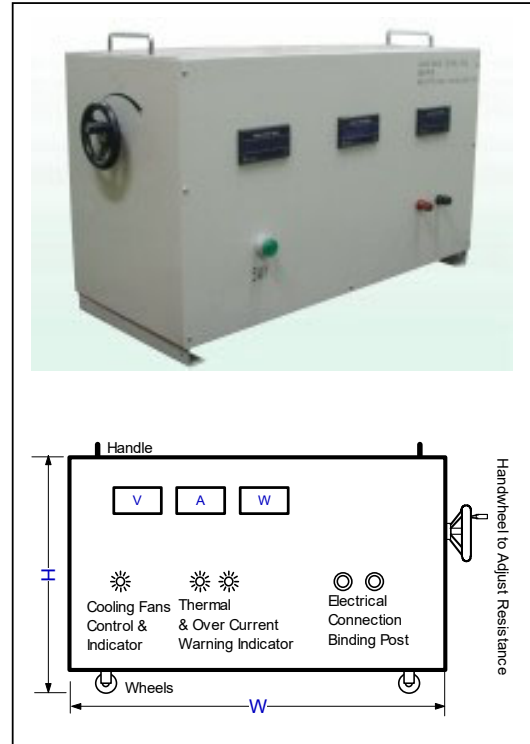
Please tell following parameters :

- i) maximum Resistance and minimum Current
- ii) minimum Resistance and maximum Current
- iii) voltage at minimum and maximum resistance

Please tell the best suitable resistance ranges that suitable for your application. There is no standard resistance value suitable for all applications. All rheostats are made according to customer's application need.

Rated Power	Max. Width in mm	Max. Depth in mm	Max. Height in mm
1kW	430	210	320
2kW	610	210	320
3kW	710	210	320
4kW	530	260	370
5kW	610	310	370
6kW	710	310	370
10kW	780	410	370

Load Bank sizes might be vary depend on resistance and load current.



3-Phase Power Slide Rheostats Load Banks – DSR3-WB



Three Phase asynchronous design

For some cases, can support Power up to 54kW and load Current up to 100A

Please tell following parameters.

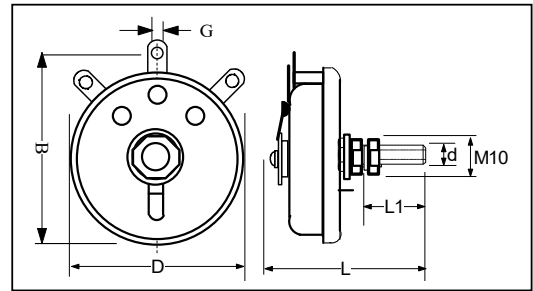
- i) maximum Resistance at minimum Phase Current
- ii) minimum Resistance at maximum Phase Current
- iii) voltage (L-N or L-L) at minimum and maximum phase resistance

Resistance and load current will be made according to customer's application need.

Options : Main Control Switch, Over Current protection, Thermal protection, Voltmeter, Ammeter, Power Meter and Ohmmeter.

Rheostat / Rotary Variable Power Wire Wound Resistors

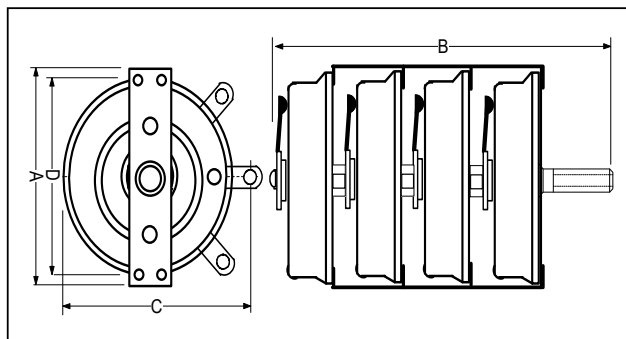
- Application : Resistive Load simulation, Heavy Duty application Machinery, Voltage and Current adjustment for Machinery & Equipment.
- Resistance range is made according to customer application need.
- When the resistance value is decreased, the workable Rheostat power is also decreased. The workable power at the adjusted resistance value is the ratio of adjusted resistance value to the rated maximum value of the rheostat or adjustable power resistor.
- rated Power = (max. load Current)² x rated resistance
- for more details, before refer to the application note on next page.



FVR : Rheostats / Rotary Power Wire Wound Resistors

Rated Power W	D mm	B mm	L mm	L1 mm	d mm	G mm
25	<44	<50	<60	<25	6	2
50	<64	<70	<64	<25	6	2
100	<84	<93	<66	<35	6	4
150	<104	<120	<73	<33	6	4
300	<156	<170	<115	<55	10	4
500	<206	<215	<122	<65	10	4

Tandem Mounted Rheostats



Part Number	Rated Power W	Max. Temperature	Dimensions in mm			
			A	D	C	B
FVR-500W/2	1000	350C	<215	<195	<218	<200
FVR-500W/3	1500	350C	<215	<195	<218	<300
FVR-500W/4	2000	350C	<215	<195	<218	<400
FVR-500W/5	2500	350C	<215	<195	<218	<500
FVR-500W/6	3000	350C	<215	<195	<218	<600

Part Number :

Series + Rated Power + Resistance Value (ohm) + Resistance Tolerance + No of Rheostat + Parallel/Serial connection

FVR 25W - 500W 0.1 ohm = R1 J= +/-5% Tandem mount P = parallel
 1 ohm = 1R K= +/-10% 1 - 5 S = Serial
 15 ohm = 15R R= -0/+5%
 1k ohm = 1kR T= -0/+10%

For example : Tandem Mounted Rheostat 2500W 100R : FVR-500W500RJ/5P

FVRB : Rheostat Load Boxes : up to 4000W

for some applications, power range can be up to 20kW

Power	W / mm	D / mm	H / mm
300W	220	240	150
500W	260	280	150
1000W	260	280	280
1500W	260	280	320
2000W	260	280	450
2500W	260	280	530
3000W	260	280	610
3500W	260	280	690
4000W	260	280	770

