



OMEGA PRODUCTS PVT. LTD.

Unit No.50,SDF II, SEEPZ (SEZ) Andheri (East), Mumbai 400 096

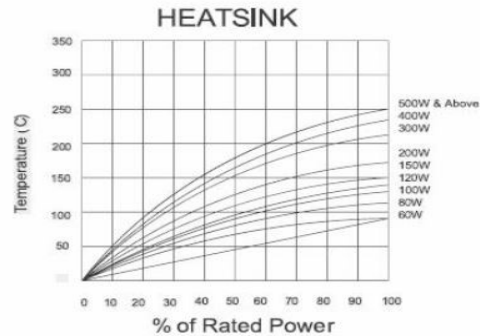
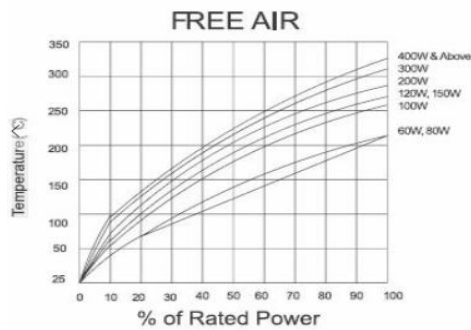
Wire wound Resistors Dynamic braking ODBR Series

DESCRIPTION

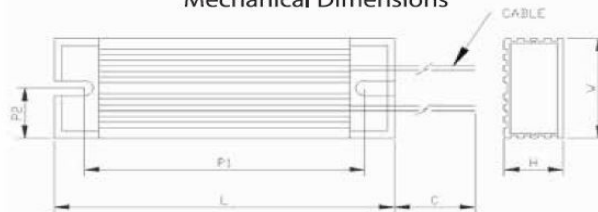
High quality ceramic rods are firmly pressed with nickel plated caps pre-welded with tin coated copper wires, on the rods. Resistive wire is wounded and spot welded at both ends on caps. The resistor are coated with silicon epoxy and resistor is molded in aluminium casing for electrical , mechanical and climatic protection, alpha numeric marking is applied with respect to designated value on resistor. All Resistors are subjected to testing before dispatch..

FEATURES :

- Thermal cut out can be provided on request.
- Stacking solution available.
- Vertical mounting also available.



Mechanical Dimensions



Series	Max. Continuous Power (W) (On Heatsink)	Max. Continuous Power (W) (Without Heatsink)	Max. Surface Temp on Heatsink	R Value RANGE (Ohms)	DIMENSIONS					
					L	W	H	C	P1	P2
ODBR 60	60	55	230	0,2 to 20	115	40	20	200	100	20
ODBR 80	80	65	230	0.5 to 1k	140	40	20	200	125	20
ODBR 100	100	75	230	1 to 1k	165	40	20	200	150	20
ODBR 120	120	100	250	6 to 1k	190	40	20	200	175	20
ODBR 150	150	100	250	6 to 1k	215	40	20	200	200	20
ODBR 200	200	110	270	0.5 to 1k	165	60	30	300	150	30
ODBR 300	300	155	270	0.5 to 1,5k	215	60	30	300	200	30
ODBR 400	400	200	270	1.5 to 2k	265	60	30	300	250	30
ODBR 500	500	270	270	1.5 to 2k	335	60	30	300	320	30
ODBR 600	600	300	270	1.5 to 2k	335	60	30	300	320	30
ODBR 800	800	330	270	2 to 2k	400	60	30	300	385	30
ODBR1000	1000	450	270	2 to 2k	400	60	30	300	385	30



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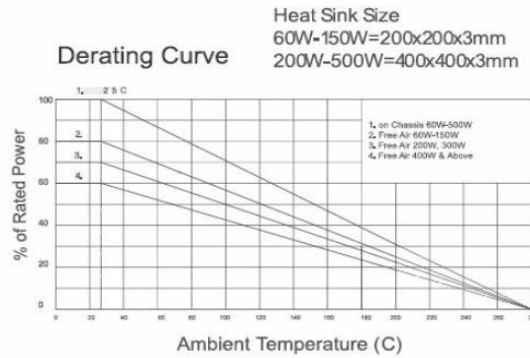
Wire wound Resistors Dynamic braking ODBR Series

Surface Temperature rise to Rated Load

PERFORMANCE CHARACTERISTIC

	<i>Requirement Shall not Exceed</i>
Short Term Overload (5 x Rated power - 5 Sec) <60W	Delta R \pm (2.0% +0.05 Ohms)
Short Term Overload (10 x Rated power - 5 Sec) >60W	
Load Life (Rated 1000 Hrs 1.5/0.5 Hr ON/OFF)	Delta R \pm (5.0% +0.05 Ohms)
Temperature Coefficient Resistance (TCR)	\pm 200 ppm/ $^{\circ}$ C
Dielctric Insulation	1500VAC
Operating Temperature	-55 to +200 $^{\circ}$ C
Insulation Resistance (at 500V for 1 Min)	> 20 M Ohms

Derating



Ordering Info:

ODBR 60 10R J

*Specifications is subject to change without notice

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