



MAIN FEATURES

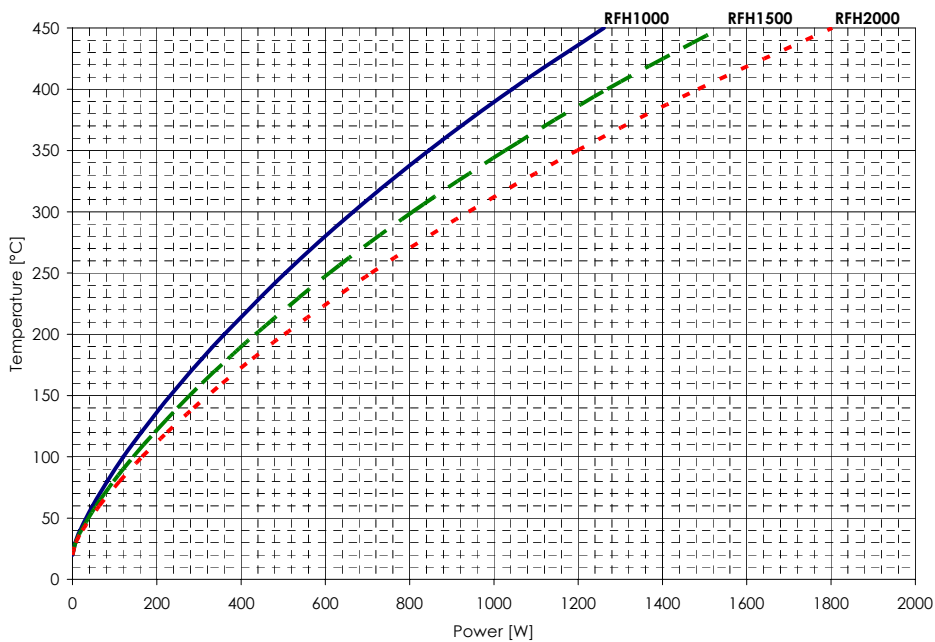
Description	RFH is manufactured into an heat sink case and it is hermetically sealed by resin and aluminium seals
Market	Industrial Automation, Energy Conversion, Railway traction
Applications	Dynamic braking, Harmonic filters, Charge Discharge Capacitors
Mechanical characteristics	Protection Degree: 2 PG version IP65, 1 PG version IP55; wire wound on ceramic support coated with cement filled with fused alumina
Special version	Not-inductive, Thermal switch, Customized cable
Active materials	Available: CuNi44, Nickel-Chrome Alloys
Notes	Suitable for group mounting and forced cooling
Overload conditions and power	Please refer to catalogue DBR Technical notes

Parameter	Condition	ID	Unit	Value
Rated power	T _a =25°C	P _{max}	W	see table
Power 250°C	T _a =250°C	P _{nom}	W	see table
Min resistance	T _a =25°C	R _{min}	Ω	see table
Max resistance	T _a =25°C	R _{max}	Ω	see table
Limit voltage		V _{lim}	V	2.500
Surface resistor temp.	T _a =25°C	T _{nom}	°C	see graph
Resistance tolerance	T _a =25°C		%	±5
Temp. Coefficient Resistance		TCR	10 ⁻⁶ /°C	20÷240
Dielectric strenght	50Hz; 60"	V _{iso}	V _{rms}	6.000
Insulation resistance	1.000 VDC	R _{iso}	MΩ	> 1.000
Thermal time constant		t	sec	see table
Max Overload		P	kW	see graph

ELECTRICAL CHARACTERISTICS

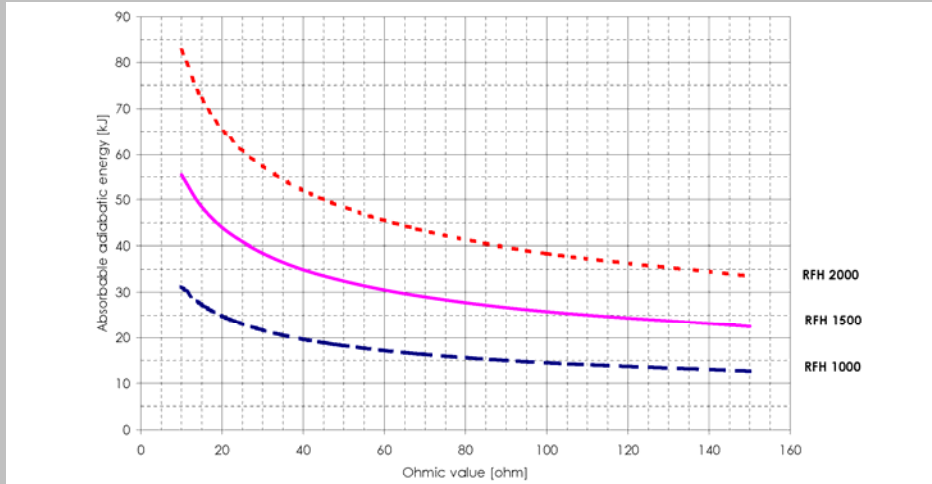
ID Unit	P _{max} W	P _{nom} W	R _{min} Ω	R _{max} Ω	t sec
RFH 1000	1.000	500	0,40	50k	1.500
RFH 1500	1.500	550	0,40	50k	1.600
RFH 2000	2.000	625	0,70	50k	1.800

Surface Temperature Characteristics





Absorbable adiabatic energy graph



MECHANICAL DATA

Dimensions [mm]	A	H	Weight [gr]
RFH 1000	246	210	4.800
RFH 1500	316	280	6.800
RFH 2000	386	350	7.500

DRAWINGS (1 PG and 2 PG)

