



## ● Features

- I .Construction made in aluminium
- II .Protection degree Ip65
- III .Continuous power range from 6to 25kW
- IV .Working pressure 6 bar, testing pres-sure 11 bar
- V .Maximum element voltage depends on the ohm value and type.

## ● Applications

WHB style resistors are small to medium power resistors ranging from 6 to 25kW. Because of their compact size they are ideally suited for constant load conditions like filter applications or small brake applicatins in industrial systems The housing is made from extruded aluminium profile. For harsh environment we advice ‘WHBS fully welded’ .

## ● Dimensions

### WHB -A cable box

	Type	Power[kw]	L [mm]	Weight [kg]
	WHB-A	6	300	7
		8	400	8
		11	500	9
		13	600	10
		15	700	12
		18	800	13
		20	900	14
25		1000	15	

### WHB -B connection with M6 treaded rods

	Type	Power[kw]	L [mm]	Weight [kg]
	WHB-B	6	300	6
		8	400	7
		11	500	8
		13	600	9
		15	700	11
		18	800	12
		20	900	13
25		1000	14	

## Ordering Information

Example:

WHB	6	K	6KR0
(1)	(2)	(3)	(4)
Series Name	Power pn[KW]	Tolerance	Resistance

(1)Type: WHB-A、WHB-B SERIES

(2)power pn [kw] :6=6 kw、8=8 kw、11=11kw、13=13 kw、15=15kw....

(3)Tolerance: K= ± 10%

(4)Resistance Value:6KR0=6KΩ、10KR0=10KΩ、25KR0=25KΩ

## Performance

Nominal power		6 kW - 23 kW
Working voltage		1000 VAC / 1400 VDC
Dielectric strength @ 50Hz, 1 min.		3,500 VAC
Insulation resistance @ 5000 VDC	dried condition	> 20 MΩ
Overload @ 1s pulse / hour		8 x Pn (depends on Ω value)
Overload @ 5s pulse / hour		4 x Pn (depends on Ω value)
Resistance tolerance	standard	± 10%
	optional	± 5% / ± 3%
Temperature coefficient		20 ° C - 400 ° C 100 ppm/K
Time constant for heating up		30 s
Maximum liquid inlet temperature		* 60 ° C
ΔT inlet/outlet (recommended)		10-20 K
Operating pressure		6 bar @ 55 ° C
Test pressure		10 bar @ 20 ° C
acc. EN 13445		11 bar @ 20 ° C
Pressure drop @ 9L/min		0.5 bar
Cooling connection		¼" / ½"
Material housing		anodized aluminium
- connection box	optional	aluminium