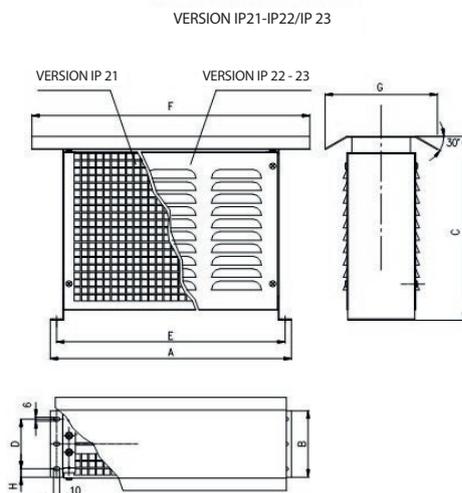
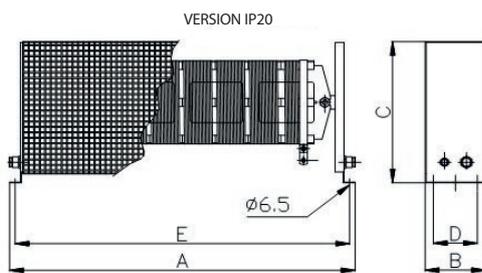




POWER BRAKING WITH CASE MODEL ROPPE

TECHNICAL DESIGN



GENERAL FEATURES

These are power/braking resistors in the version protected in a galvanized steel case with an open bottom.

They are made up of single or group mounted ROP series resistors connected and fixed inside the case.

These resistors are used in start up and adjustment of motors, in electric braking devices and in load systems for generating sets, testing benches, suppression of harmonics and grounding of the star centre.

The high value of power and the great amount of energy that can be dissipated are obtained by the important content of alloy in the winding and by the high impulse temperatures that can be supported without creating alterations or damages.

The high level of insulation is obtained through the use of top quality ceramic materials.

ELECTRICAL CHARACTERISTICS

- Standard tolerance: $\pm 5\%$
- Temperature coefficient $\leq 100 \text{ ppm}/^\circ\text{C}$
- Maximum tension applicable 1000 V
- Level of Protection: IP20 standard – IP21 – IP22 / 23
- Connection directly on resistor terminals from the open bottom
- Maximum utilisation temperature $-55^\circ\text{C} / +500^\circ\text{C}$ (800 $^\circ\text{C}$ for impulses depending on the alloy used)

The nominal Pn power is intended only for the IP20 models.

OPTIONAL

- Application of a KLIXON type thermal contact connected to an internal terminal.
- Ohm values off standard compatibly with operation
- Intermediate sockets
- Off standard tolerances
- Epoxy powder paint in RAL colours on request.
- Level of IP protection provided on request (compatibly with production) .

STANDARD APPLICABILI

- IEC 529
- IEEE 32
- CEI EN 60694

TYPE		ROPPE 114	ROPPE 125	ROPPE 140	ROPPE 150	ROPPE 240	ROPPE 250	ROPPE 340	ROPPE 350
Power rating at 25°C		1300 W	2200 W	4000 W	5000 W	8000 W	10000 W	12000 W	15000 W
Absorbable Energy in 5" (MILR26)		58 KJ	99 KJ	180 KJ	180 KJ	360 KJ	360 KJ	540 KJ	540 KJ
Standard Ohmic range		1 \div 70	1 \div 100	1 \div 150	1 \div 150	1 \div 200	1 \div 200	1 \div 300	1 \div 300
Max. Working Voltage		1000 V							
Dielectric Strength		3000 V							
Insulation Resistance		$\geq 100 \text{ M}\Omega$							
Tolerance of resistance		$\pm 10\%$							
DIMENSIONS (Rif. Drawing		ROPPE 114	ROPPE 125	ROPPE 140	ROPPE 150	ROPPE 240	ROPPE 250	ROPPE 340	ROPPE 350
Dimension	"A" mm	386	506	626	746	626	746	626	746
Dimension	"B" mm	107	107	107	107	197	197	297	297
Height (version IP20)	"C" mm	260	260	260	260	260	260	260	260
Height (version IP21/22)	"C" mm	300	300	300	300	300	300	300	300
Dimension	"D" mm	80	80	80	80	160	160	160	160
Dimension	"E" mm	366	486	606	726	606	726	606	726
Dimension	"F" mm	445	565	685	813	685	813	685	813
Dimension	"G" mm	180	180	180	180	270	270	370	370
Wheight (versione IP20)	Kg	4	5	7	8	11	12	15	18
Wheight (versione IP21/22)	Kg	6	7,5	10	11	15	18	20	23

ASSEMBLY INSTRUCTIONS

