

Ceramic Potentiometers

15, 30, 40, 60, 125, 250, 500, 1000 W

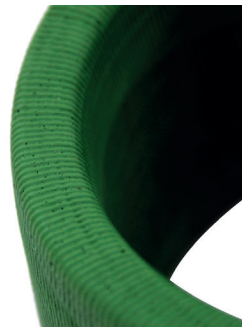
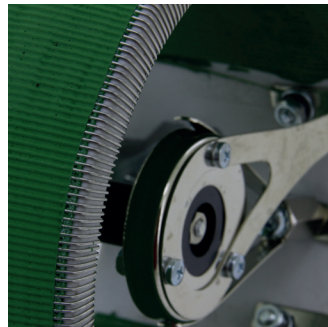
Claude Lyons® BCR Bercostat® range of ceramic high power manual resistors are robust and reliable potentiometer solution.

The ceramic core is made of hard non hygroscopic steatite, thus avoiding corrosion due to electrolysis. The core is wound with high quality copper-nickel or chrome-aluminium wire, according to the required ohmic value and power of the winding.

Each turn of the winding is held firmly in place and protected against mechanical damages, by a hard, heat-resistant ceramic cement.

This cement coating which resists 900°C has a fast heat dissipation due to its good heat conductivity and matt radiating surface.

The Berco brand (British Electric Resistance Company) has been in existence since 1926 and is now owned by The Allendale Group Ltd.



Features & Options

- Wide resistance values from 5 ohms to 50 kilohms
- High power dissipation from 15 to 1000 Watts
- Windings protected by ceramic cement
- Cement coating is resistant up to 900 °C
- The slider is a fine-silver brush
- Custom resistance values available
- Optional non-linear resistances available
- Optional knob and dials
- Optional motorised units
- Optional dual/triple ganged
- Optional enclosures



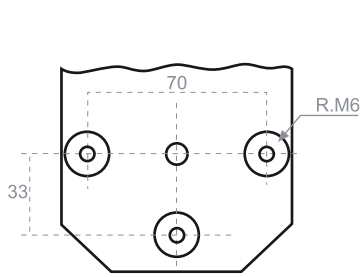
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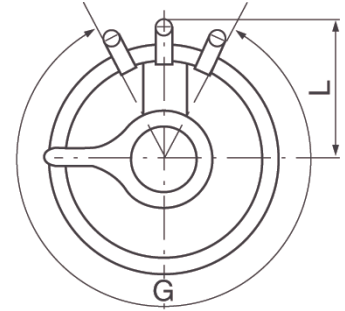
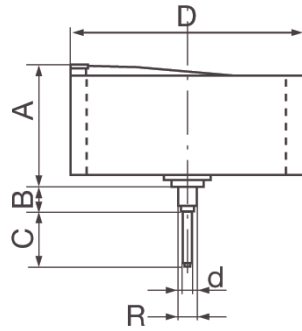
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Technical Data



BCR1000 mounting



POWER	A	B	C	D	d	R	G	L	WEIGHT (KG.)	OHMIC VALUES
BCR15	25	8	10	32	6	M-10	290°	25	0.028	5-50k
BCR30	35	8	38	45	6	M-10	280°	30	0.125	5-50k
BCR40	40	12	32	55	6	M-10	278°	35	0.140	5-50k
BCR60	40	12	37	65	6	M-10	310°	41	0.150	5-50k
BCR125	60	12	18	87	6	M-10	302°	53	0.360	5-50k
BCR250	60	12	18	117	6	M-10	314°	70	0.535	5-50k
BCR500	86	12	36	144	8	M-12	310°	85	1.225	5-50k
BCR1000	103	10	54	205	8	(1)	320°	115	2.700	5-50k



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