

金属化脉冲电容器 Metallized Pulse Capacitor

充磁机电容器 Capacitor for Magnetizer

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概述 General Description

在极短时间内放电，产生强大的脉冲电流，广泛应用于冲击电压发生器、冲击电流发生器、充磁机、等离子加工、激光等新技术中。产品符合JB/T8168-1999《脉冲电容器及直流电容器》标准。

Discharge in ultra short moment can produce strong pulse current. It can be widely used in new technologies like surge voltage generator, surge current generator, magnetizer, plasma processing, laser, etc. The products meet JB/T8168-1999 Pulse Capacitor and DC Capacitor Standard.

主要规格及外形尺寸

Main Specification & Overall Dimension

型号规格 model	额定电压(kV) Rated voltage kV	额定电容(μF) Rated capacitance μF	外形尺寸 dimension 长 宽 高(mm) L W H(mm)		
			L	W	H
MSMJ1.2-100-1	1.2	100	180	62	115
MSMJ1.2-200-1	1.2	200	180	62	220
MSMJ1.2-300-1	1.2	300	180	95	230
MSMJ1.2-400-1	1.2	400	180	95	287
MSMJ1.2-500-1	1.2	500	180	95	345
MSMJ1.2-600-1	1.2	600	180	95	390
MSMJ2.0-100-1	2.0	100	180	95	287
MSMJ2.0-150-1	2.0	150	180	95	287
MSMJ2.5-100-1	2.5	100	180	95	287
MSMJ2.5-120-1	2.5	120	180	95	345
MSMJ3.0-75-1	3.0	75	180	95	345
MSMJ3.0-100-1	3.0	100	180	95	390

注：①可根据用户需要制造3.0kV以下其他规格的电容器。

②安装开孔尺寸与本公司BSMJ系列电容器A型及B型外壳相同

Note: ①The capacitor of other rated voltage of 3.0kV or lower can be made according to the requirements from users.

②The dimensions of installation holes are equal to those of the case of A type and B type of BSMJ Series produced by our company.

概述 General Description

“九康牌”MSMJ1.2-200-1型电容器是我公司研制开发的充磁机专用电容器。充磁机的工作原理是：先将电容器充以直流高压电压，然后通过一个电阻极小的线圈放电。放电脉冲电流的峰值可达数万安培。此电流脉冲在线圈中产生一个强大的磁场，该磁场使置于线圈中的硬磁材料永久磁化。充磁机电容器工作时脉冲电流峰值极高，对电容器耐受冲击电流的性能要求很高。几年来，我公司生产的数千台充磁机电容器在使用中运行良好，质量可靠，可代替同类进口产品。

Jiukang™ MSMJ1.2-200-1 Type Capacitor is a special magnetizer capacitor developed by our company. The working principle of the magnetizer is that at first, charge the capacitor with DC high voltage, and then discharge the electricity through a coil with tiny resistance. The peak of the discharge impulse current can reach tens of thousand Ampere. The current impulse produces a powerful magnetic field in the coil, which magnetizes the hard magnetic material of the coil permanently. For the peak of impulse current is extremely high when the magnetizer capacitor functions, the requirements of the capacitor are extremely strict in the performance of withstanding surge current. During the past years, thousands of the magnetizer capacitors manufactured by our company have been proved to work in good condition and have reliable quality and can substitute for imported opponents.

主要技术指标 Main Technical Indexes

- 1、型号：MSMJ1.2-200-1
- 2、额定电压：1.2kV
- 3、额定电容：200 μF
- 4、放电次数：500万次(放电线圈电阻≥0.04Ω，放电频率：10次/min)
- 5、自放电时间常数：RC≥1 10³Ω F
- 6、外壳尺寸：180 62 200mm，安装开孔尺寸与本公司BSMJ系列中A型外壳相同。
- 7、可根据用户需要制造3.0KV以下其他规格的充磁机电容器。

- 1、Model: MSMJ1.2-200-1
- 2、Rated voltage: 1.2kV
- 3、Rated capacitance: 200 μF
- 4、Discharging times: 5 million times (discharging coil resistance ≥ 0.04 Ω) discharging frequency: 10 times/min
- 5、Self sustained discharging time constant: RC ≥ 1 10³ Ω F
- 6、Dimensions: 180 62 200mm (Length Width Height) The dimensions of installation holes are equal to those of the case of A type of BSMJ Series produced by our company.