

## CAPACITOR



- 127 BSMJ0.4、BCMJ0.4系列电力电容器 Series power capacitor
- 129 BSMJ0.525、BCMJ0.525系列电力电容器 Series power capacitor
- 131 JKL、JKG系列无功功率自动补偿控制器 Series reactive power automatic-compensation controller



# BSNJ0.4, BCNJ0.4系列

### **Series Power Capacitor** 电力电容器







#### 适用范围 Scope of application

- 1、采用先进的金属锌铝复合模作为材料;
- 2、按照国家标准及IEC标准组织生产;
- 、主要用于低压电网提高功率因数;
- 4、减少无功损耗,改善电压质量。

#### 结构特征 Structural feature

1、体积小,重量轻:由于使用金属化聚丙烯薄膜材料作为介质,体积、重量为老产品的1/4和1/5; 2、损耗低:实际值低于0.1%,所以电容器自身能耗很低,发热小,温升低,工作寿命长,节能效果 更佳;

3、优良的自愈性能: 过电压所造成介质局部击穿能迅速自愈, 恢复正常工作, 使可靠性大为提高; 4、安全性:内装自放电电阻和韩国大荣株式会社发明的独立保险装置。内装放电电阻能使电容器上 所带的电能自动泄放掉电;当电容器发生故障时,保险装置能及时断开电源,避免故障进一步发展,确保 使用安全;

5、采用国内外最先进的植物油浸渍、在使用过程中不漏油,避免环境污染,电容器也不会因失油而 提早失效。

efficiency;

3. Perfect self-healing performance: It can heal by itself after the medium comes across 4. Safety: The self-discharging resistor as well as self-contained safety device invited by 5. Adopting the immersion of the world't most advanced vegetable oil, the capacitor doesn't

breakdown for the over voltage, so it is helpful for the improvement of reliability to the large extent. South Korea Dae Young Corporation is mounted in. Herein to, the self-discharging resistor can actuate the capacitor to automatically discharge the energy; and the safety device can cut off the power when the capacity has the fault, to prevent the fault further expansion and ensure the safety. have the oil leakage in use to prevent the environment pollution that can prolong the service life.

#### 主要技术参数 Main technical parameters

- 3、额定容量: 1~50 kVar;
- 4、容量允差: 0~+10%;
- 5、损耗角正切值:低于0.1%;
- 7、绝缘性:极壳间500VDC1分钟大于1000MW;
- 8、最高允许过电压: 110%额定电压;
- 9、最高允许过电流: 130%额定电流;
- 11、符合标准: GB12747-91 IEC831-1988。

1. Service conditions: indoor use, environment temperature from −25°C to 50°C, the humidity less than 85%RH, and the altitude less than 2000m; 2. Rated voltage: 250VAC 400VAC 690VAC 1050VAC; 3. Rated capacity: 1~50 kVar;

- rated voltage 3kV for 10s from pole to enclosure;
- enclosure;

  - 9. Max allowable over current: Rated current of 130%;

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1. Made of advanced metallic zinc-aluminum composite film; 2. Produced according to national standard and IEC standard; 3. Mainly used for improving the power factor of low-voltage power grid 4. Can reduce the reactive consumption and improve the voltage quality.

1. Small volume and light mass: Due to the metallic PP film as the medium, the volume and weight is only the 1/4 and 1/5 that of the traditional products.

2. Low consumption: The actual value is lower than 0.1%, so the capacitor is featured with ultra-low self consumption, low heat, low temperature rise, long service life, better energy-saving

1、使用条件: 室内使用, 环境温度-25℃-+50℃, 湿度小于85%RH, 海拔高度2000m以下; 2、额定电压: 250VAC 400VAC 690VAC 1050VAC;

6、耐电压:极间1.75倍额定电压10秒钟,极壳间3kV Ac10秒钟;

10、自放电特性: 电容器加/2 Un直流电压断开电源后三分钟, 剩余电压为50V以下;

4. Allowance of capacity: 0~+10%;

5. Tangent value of consumption angle: Less than 0.1%

6. Withstand voltage: Withstand rated voltage of 1.75 times for 10s among the poles, and AC

7. Insulation: Larger than 1000MW under withstanding DC 500V for 1min from the pole to

8. Max allowable over voltage: Rated voltage of 110%;

10. Self-discharging characteristics: The residual voltage is less than 50V after  $\sqrt{2}$  Un DC voltage is applied to the capacitor and the power is cut off for three minutes. 11. In accordance with standards: GB12747-91 and IEC831-1988.