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BAM

系列高压并联电容器
Series High Voltage Shunt Capacitor

BAM series high voltage shunt capacitors are used in 50 Hz / 60 Hz AC power system. They are mainly used to improve system power factor, improve power quality of power grid, reduce voltage drop, reduce circuit loss, enhance system transmission capacity, give full play to the efficiency of power generation, transmission and power supply, and are widely used in power grid and industrial and commercial power users.





Feature

- Polypropylene film adopts double-sided roughening manufacturing technology, low loss, good insulation performance, and the loss tangent value at 20°C is not more than 0.02%.
- The aluminum foil adopts edge folding technology and salient pole design to improve the electric field distribution, reduce the contact resistance, and improve the stability and service life of the capacitor.
- The impregnant is non-toxic, environmentally friendly, high aromatic, low viscosity, low freezing point, low dielectric constant, low partial discharge, and long life.
- The shell is made of high-quality steel plate by bending and welding, using advanced stamping technology, smooth and beautiful, and high mechanical strength.
- Built-in discharge resistor, when cut off from the power supply, the remaining voltage on the capacitor can be reduced from √2UN to 75V and below within 10 minutes.

Technical Prameter

Rated Frequency	50/60Hz
Average Loss	≤0.2W/kvar
Capacity tolerance	-3%～+3%
Electric medium	Polypropylene full film
Impregnant	not contain chlorinated biphenyls, environmentally friendly and non-toxic
Allow long-term operation under 1.1 times rated voltage	
Allow continuous operation at 1.3 times the rated current	

Model Guide

B □ M □ – □ – □ □

- W: outdoor G: plateau WG: outdoor plateau Blank: Standard
- Phase number: 1: odd number 3: three-phase
- Rated capacity: kvar
- Rated voltage: kV
- Medium: polypropylene full film
- Impregnant: A: benzyl toluene F: diarylethane
- Category: shunt capacitor

Speicfication sheet

Inner fuse

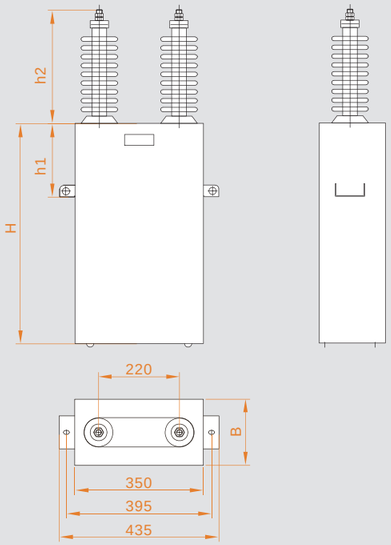
Model	size				weight kg	Terminal	Dwg No.
	B	h1	h2	H			
BAM6.6/√3-30-1(W)	145	90	170	140	13	M12	1
BAM11/√3-3-1(W)	145	90	250	140	14	M12	1
BAM6.6/√3-50-1(W)	145	90	170	180	15	M12	1
BAM11/√3-50-1(W)	145	90	250	180	16	M12	1
BAM6.6/√3-100-1(W)	145	90	170	280	22	M12	1
BAM11/√3-100-1(W)	145	90	250	270	22	M12	1
BAM6.6/√3-134-1(W)	145	120	170	340	26	M16	1
BAM11/√3-134-1(W)	145	120	250	340	27	M12	1
BAM6.6/√3-150-1(W)	145	120	170	370	28	M16	2
BAM11/√3-150-1(W)	145	120	250	370	29	M12	2
BAM6.6/√3-167-1(W)	145	120	230	470	31	M16	2
BAM11/√3-167-1(W)	145	120	250	400	31	M12	2

External fuse

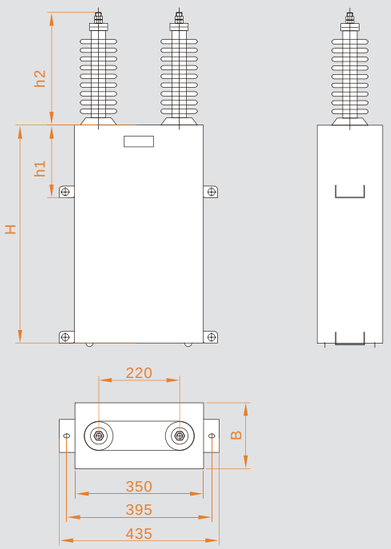
Model	Size				weight kg	Terminal	Dwg No
	B	h1	h2	H			
BAM6.6/√3-200-1(W)	145	120	490	38	38	M16	2
BAM11/√3-200-1(W)	145	220	500	40	40	M16	2
BAM6.6/√3-250-1(W)	145	220	580	45	45	M16	2
BAM11/√3-250-1(W)	145	220	580	45	45	M16	2
BAM12/√3-250-1(W)	145	220	620	49	49	M16	2
BAM6.6/√3-267-1(W)	145	220	610	47	47	M16	2
BAM11/√3-267-1(W)	145	220	610	47	47	M16	2
BAM12/√3-267-1(W)	145	220	650	51	51	M16	2
BAM6.6/√3-300-1(W)	183	220	550	51	51	M16	2
BAM11/√3-300-1(W)	183	220	550	52	52	M16	2
BAM12/√3-300-1(W)	183	220	590	56	56	M16	2
BAM6.6/√3-334-1(W)	183	220	600	56	56	M16	2
BAM11/√3-334-1(W)	183	220	600	56	56	M16	2
BAM12/√3-334-1(W)	183	220	630	60	60	M16	2
BAM6.6/√3-400-1(W)	183	220	690	63	63	M16	2
BAM11/√3-400-1(W)	183	220	690	64	64	M16	2
BAM12/√3-400-1(W)	183	220	740	69	69	M16	2
BAM6.6/√3-500-1(W)	183	220	850	77	77	M16	2
BAM11/√3-500-1(W)	183	220	840	76	76	M16	2
BAM12/√3-500-1(W)	183	220	870	80	80	M16	2

Note: Any product is constantly improving, and subject to change without notice. For more detailed information and products with unlisted voltages, models and specifications, please contact our company.

Outlook drawing



Dwg NO.1



Dwg NO 2

CKSC

系列高压干式铁芯串联电抗器
Series High Voltage Dry Type Iron Core Reactor

CKSC series high voltage dry core series reactor is used to connect shunt capacitor banks in series to the power grid, which can effectively limit the closing inrush current and suppress harmonics, protect the safe and reliable operation of the capacitor bank, so as to improve the voltage quality of the power grid and ensure the safe operation of the power system. It is suitable for 3 ~ 35kV Power System, electrified railway, metallurgy, chemical industry, petroleum substation with high fire protection requirements, electromagnetic interference and limited installation site.



Technical Parameter

Rated Frequency	50/60HZ
Phase	Single /three phases
System Voltage	6、10、35kV
Impedance	0.1%、0.3%、0.5%、1%，which are mainly used to limit inrush current
	4.5%, 5%, 6%, which are used to limit the inrush current and suppress the 5th and above harmonics
	12% and 13%, which are used to limit the inrush current and suppress the third and more harmonics

Model Guide

CK S C－□/□－□

- Impedance：%
- Rated Voltage：kV
- Rated Capacity：kvar
- Solid moduling
- D：Singe phase
- S：Three phase Serise Reactor

Specification sheet

Model	Rated Current A	Rated Voltage W	Size mm			Installation size mm)		Weight kg
CKSC-36/6.6-6	52.49	647	930	580	1050	550	550	420
CKSC-54/6.6-6	78.73	876	960	580	1050	550	550	520
CKSC-72/6.6-6	104.98	1088	920	730	1100	550	550	560
CKSC-90/6.6-6	131.22	1286	950	730	1250	550	550	650
CKSC-144/6.6-6	209.95	1829	1000	730	1250	550	550	840
CKSC-216/6.6-6	314.93	2479	1150	730	1350	550	550	1080
CKSC-240/6.6-6	349.92	2683	1250	840	1350	550	550	1200
CKSC-120/11-6	104.98	1595	1050	730	1150	550	550	750
CKSC-144/11-6	125.97	1829	1050	730	1250	550	550	850
CKSC-180/11-6	157.46	2162	1080	730	1280	550	550	960
CKSC-216/11-6	188.96	2479	1300	840	1200	660	660	1060
CKSC-240/11-6	209.95	2683	1300	840	1200	660	660	1250

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Outlook drawing

