

YIMAI
— 一迈电气 —

产品选型手册



上海一迈电气设备制造有限公司

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上海一迈电气设备制造有限公司

中国·上海

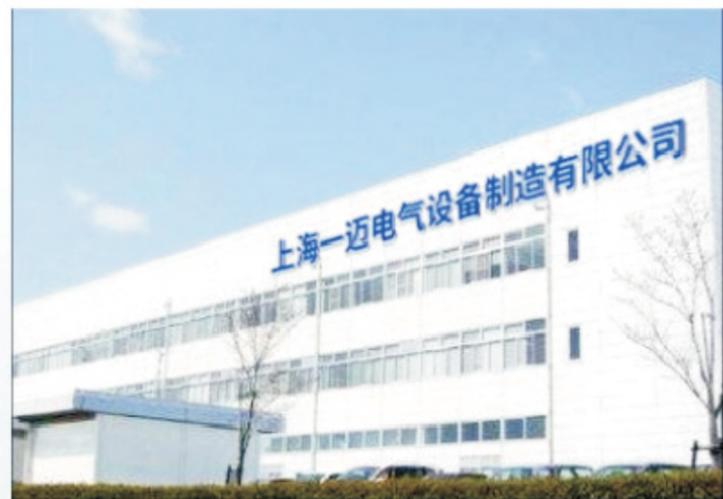
C 企业简介

Corporate introduction

上海一迈电气设备制造有限公司是一家集研发、生产和销售为一体的变压器、调压器、稳压器专业生产企业。主要产品有控制变压器、机床控制变压器、整流（装置）变压器、三相干式变压器、矿用变压器、煤电钻综合装置变压器、自耦变压器、调压器、稳压器。公司凭着专业的技术、可靠的品质为客户提供优质的产品和完善的服务。

公司认真执行ISO9001：2000质量管理体系标准，建立健全质量管理体系，严格把好材料购进、关键工序和产品出厂检验质量关，使公司的各项管理活动和每个过程阶段均处于受控状态，确保质量管理体系持续有效的运行，坚决执行公司质量方针和质量指标。

公司经营宗旨：“以质量求生存，以信誉求发展，不断超越顾客的期望和要求”，将是一迈人不懈追求的目标！真诚地为顾客提供优质的产品和满意的服务，热忱地欢迎社会各界人士莅临本公司指导工作，共创我们美好的未来！



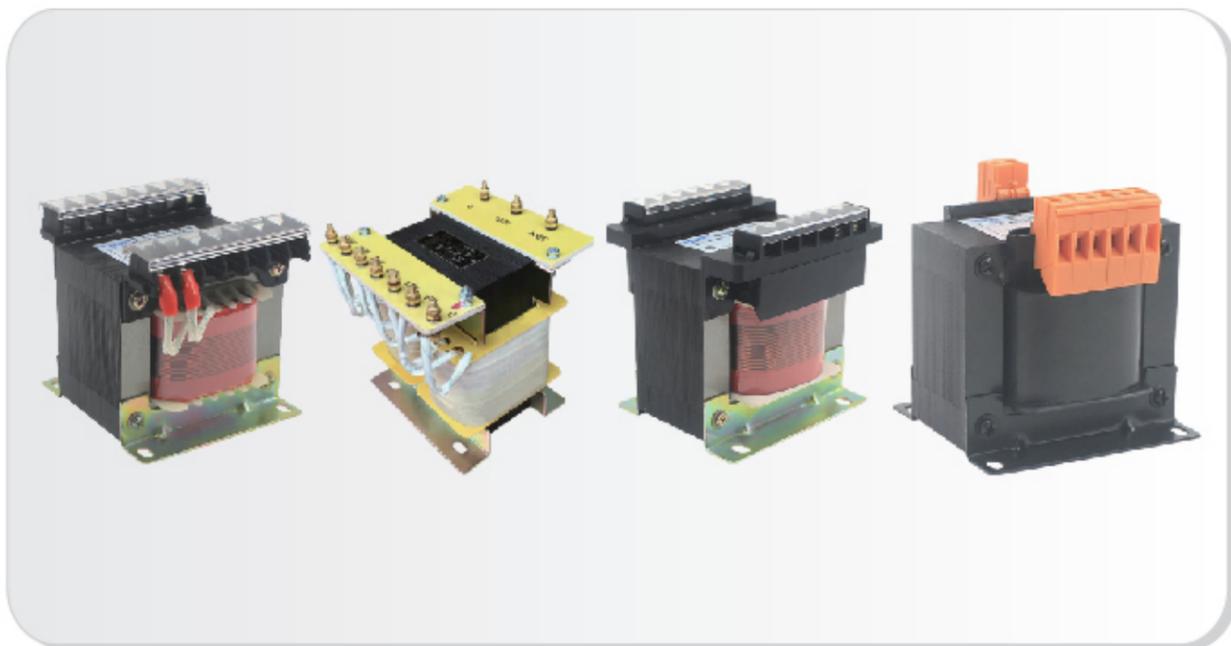


enterprise certificate
企业证书



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1、适用范围 Sphere of application

JBK系列机床控制变压器用于交流50~60Hz，输入电压不超过660V的电路中，作为各类机床、机械设备等一般电器的控制电源、局部照明及指示灯的电源。

本系列变压器是其它控制器更新换代的产品，采用进口材料和先进工艺进行制造，具有工作可靠、耗能低、体积小、接线安全、适用性广等特点。

JBK series machines control transformers are used for AC 50~60Hz, the input voltage not exceeding 660V circuit, as general electrical equipments, control power supply, local lighting and the power supply of indicator light of all kinds of machines' mechanical equipments such as general electric. These series of transformers are other controller replacement products, they use imported materials and advanced technology to manufacture, and with working reliable, low energy consumption, small size, wiring security, wide applicability and soon on.

2、型号及其含义 The model and meanings

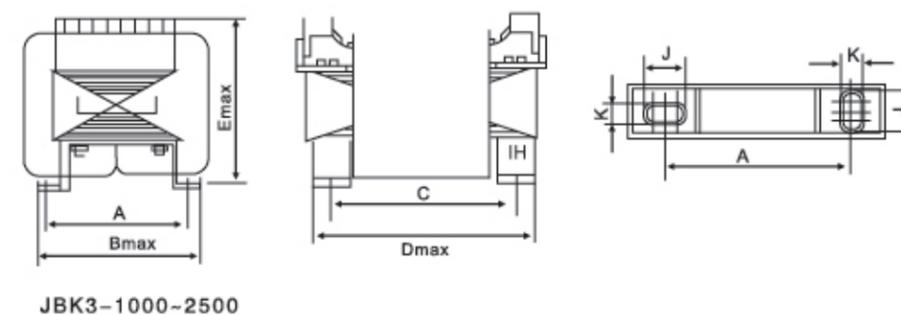
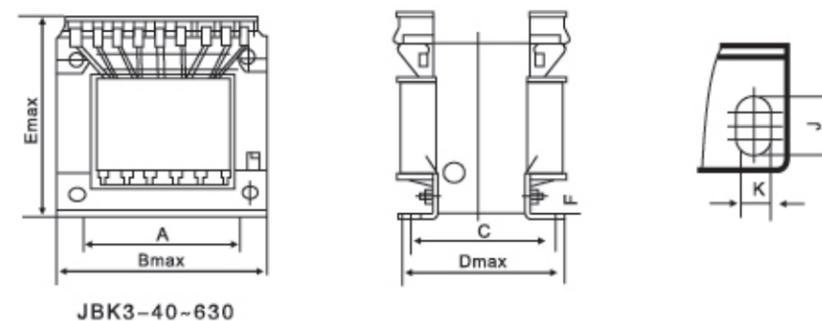


3、外形及安装尺寸 Shape and mounting dimension

JBK1、2、3、4系列产品的外形及安装尺寸

JBK1, 2, 3, 4 series of product appearance and installation dimensions

型号 Model	安装尺寸 in stallation dimension		外形尺寸 Shape dimension			安装孔尺寸 installation hole size
	A	C	Bmax	Dmax	E _{max}	K×J
JBK1、2、3、4-40	56±0.5	51±2	78	70	86	4.8×9
JBK1、2、3、4-63	56±0.5	51±2	78	70	86	4.8×9
JBK1、2、3、4-100	64±0.5	67±2	85	85	93	4.8×9
JBK1、2、3、4-160	84±0.5	72±2	96	90	103	5.8×11
JBK1、2、3、4-250	84±0.5	86±2	96	105	103	5.8×11
JBK1、2、3、4-400	90±0.5	90±2	120	113	123	7×13
JBK1、2、3、4-630	122±0.5	86±2	150	118	145	7×13
JBK1、2、3、4-800	122±0.5	100±2	150	128	145	7×13
JBK1、2、3、4-1000	127.5±2	152±2	155	205	145	7×12卧式
JBK1、2、3、4-1600	140±2	176±2	180	230	160	7×12卧式
JBK1、2、3、4-2500	173±2	200±2	205	260	175	7×12卧式





1、适用范围 Sphere of application

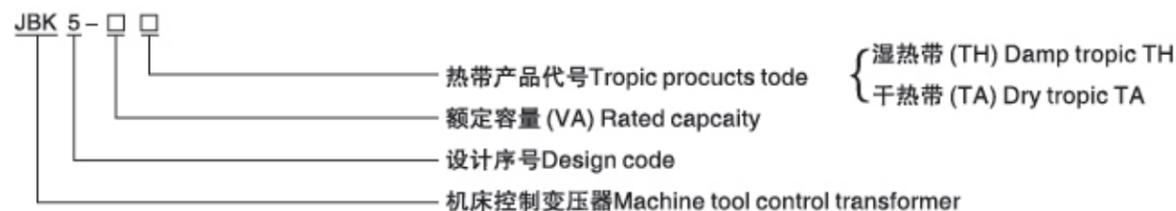
JBK5系列机床控制变压器是我公司引进德国最新型变压器系列，在国内JBK3系列机床控制变压器基础上，经过多年来进一步吸收国外同类产品，并优选国外先进方法的接线端子结构，将端子与骨架合在一起，使防护等级提高，防止偶然触及电路，采用国内IT冷压接线端子，接线方式可以使接线密集程度提高。

变压器800AV及以上1000VA、1600VA竖式结构的硅钢片与硅钢片之间连接、硅钢片与底板连接均采用气体保护氩弧焊，形成一个整体，简洁明了，尤其是底板一次性成型，安装尺寸较JBK3系列更为准确，而采用优质防锈合金材料，大大提高了接地性能的可靠性，全面提高了产品质量，该产品符合VDE0550、IEC204-1、IEC439、JB/T5555、GB5226等有关国际、国家标准，并荣获欧共体“CE”认证。可与国外产品互换使用。

JBK5系列机床控制变压器适用于交流50~60Hz，输入电压不超过500V、输出额定电压不超过250V，作为各行各业机械、一般电器控制电源和工作、信号灯的电源之用。

JBK series machines control transformers are my company to introduce newest transformer series from Germany, on the basis of domestic JBK3 series machines control transformer, after many years to further absorption of similar foreign products, and preference choose the foreign advanced methods of terminal structure, use the terminal and the skeleton to together, improved the degree of protection, and prevent accidental touch circuit, and using the domestic IT cold-press terminal blocks, wiring way allow the connection intensity increased.

2、型号及其含义 The model and meanings

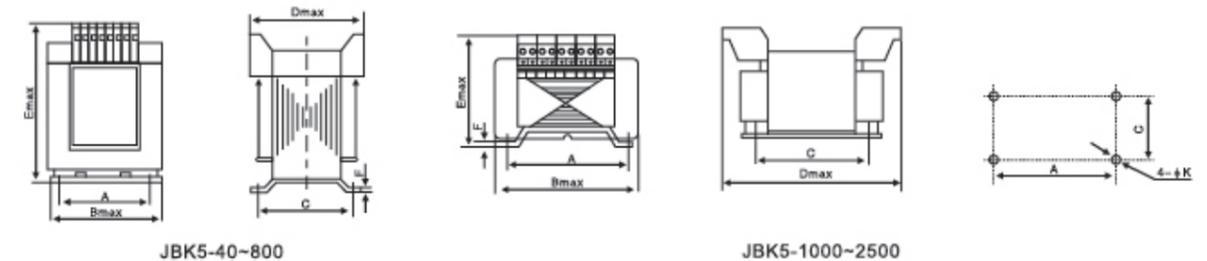


3、主要技术参数 Main technical parameters

型号 Model	额定容量 rated capacity (VA)	效率 Power (%)	负载下的输出电压 Output voltage under loading		空载下的输出电压 Output voltage under loading		额定输入电压 Rated input voltage(V)	额定输出电压 Rated output voltage(V)
			信号绕组(%) signal winding	控制绕组(%) control winding	信号绕组(%) signal winding	控制绕组(%) control winding		
JBK5-40	40	80	6 ≥ U _m > 5 12 ≥ U _m > 10	95%~105% UH	6或12	1.1U _m	AC380 ± 5% AC220 ± 5%	AC220
JBK5-60	63	80						控制
JBK5-100	100	80						110
JBK5-160	160	85						48
JBK5-250	250	85						36
JBK5-400	400	85						24
JBK5-630	630	85						12
JBK5-800	800	90						6
JBK5-1000	1000	90	6 ≥ U _m > 4.5 12 ≥ U _m > 9					
JBK5-1600	1600	90						
JBK5-2500	2500	90						

注：各绕组容量分配可按照用户要求制造
Note: The winding capacity allocation can be manufactured in accordance with user requirements.

5、外形及安装尺寸 Shape and mounting dimension



型号 Model	安装孔距 Installing hole distance		外形尺寸 Shape dimension				安装孔 Installing hole
	A	C	Bmax	Dmax	Emax	Fmax	
JBK5-40	56 ± 0.5	46 ± 0.5	78	74	94	1.2	4.6
JBK5-63	56 ± 0.5	46 ± 0.5	78	74	94	1.2	4.6
JBK5-100	64 ± 0.5	62 ± 0.5	85	77	97	1.5	5.5
JBK5-160	84 ± 0.5	73.5 ± 0.5	96	94	109	1.5	5.8
JBK5-250	84 ± 0.5	85 ± 0.5	96	102	109	1.5	5.8
JBK5-400	90 ± 0.5	85 ± 0.5	120	102	129	2	5.8
JBK5-630	122 ± 0.5	90 ± 0.5	150	112	154	2	7
JBK5-800	122 ± 0.2	105 ± 0.5	150	132	154	2	7
JBK5-1000	127.5 ± 0.2	152 ± 0.2	155	207	152	3	7
JBK5-1600	140 ± 0.2	176 ± 0.2	180	232	152	3	7
JBK5-2500	173 ± 0.2	200 ± 0.23	205	262	169	4	7



1、概述 Summary

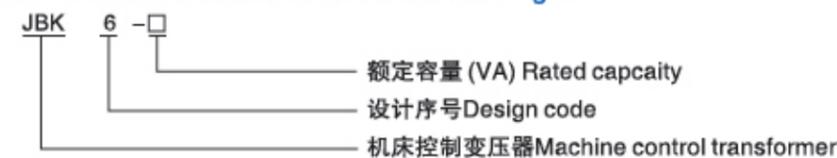
JBK6系列机床控制变压器是我公司引进外国最新型变压器系列，在国内JBK5机床控制变压器基础上，开发出新一代变压器。所有变压器适用于50~60Hz，产品符合EN61588-2，加拿大“CSA”和美国“UL”标准，能替代国外4AM、4AT型变压器。JBK6变压器外形尺寸、安装尺寸、使用场合与JBK5变压器等同，JBK6变压器具有JBK5变压器一系列优点外，还具有以下特点：

- A、接线螺丝大，接线更方便、更牢固，还具有插拔快速连接双重功能；
- B、可带短路与热保护装置，使用更可靠；
- C、变压器采用整台浸漆工艺，绝缘材料采用外国进口材料，绝缘性能更稳定；
- D、100~400VA可带有标准导轨安装方式。

JBK6 series machines control transformers are my company to introduce newest transformer series from foreign contry, and develop a new generation transformer on the base of JBK5 domestic machine control transformers. All transformers apply to 50~60Hz, the products conforms to the standards of EN61588-2, Canada "CSA" and America "UL", and can replace 4AM, 4AT transformer from foreign. The overall dimension, install size and use site of JBK6 transformer equate with JBK5 transformer, Except possesses JBK5 transformer a series of advantages, JBK6 also possesses the following features:

- A.It have large connection screw, more convenient and firmer, as well as quick connection double function on insert and pull-out
- B.It can be used with short circuit and heat protection device, more reliable while using
- C.Transformer adopt the complete pain soak arts, the insulating materials adopt the imported materials form foreign, and the insulation performance is more stable
- D.100~400VA have the standard track installation method

2、型号及其含义 The model and meanings

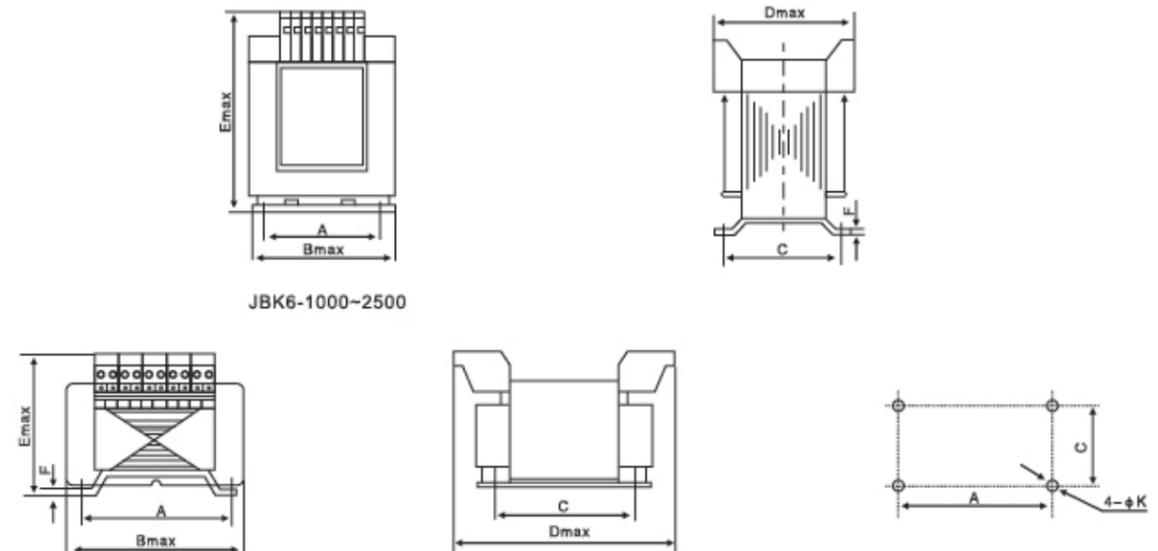


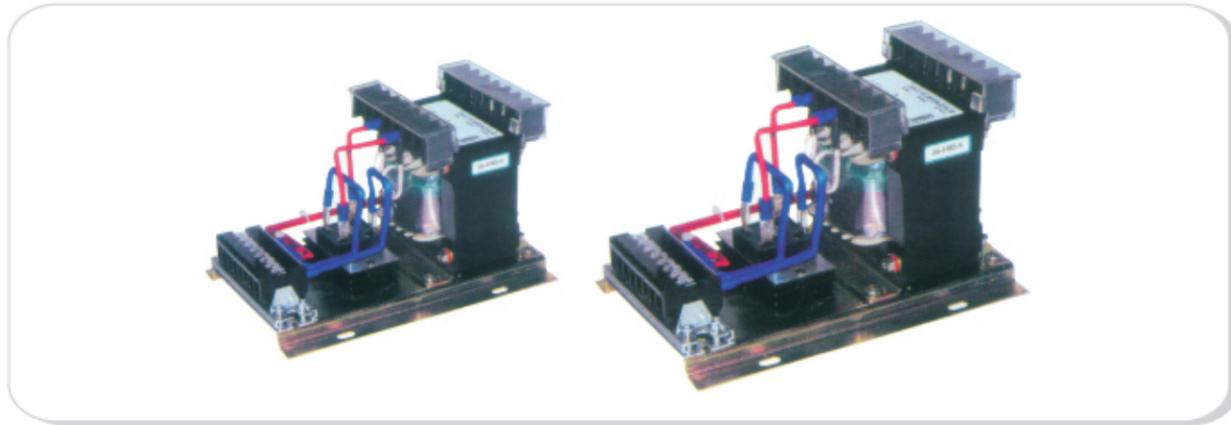
3、主要技术参数 Main technical parameters

型号 Model	国外型号 Foreign model	额定容量 rated capacity (VA)	效率 Power (%)	负载下的输出电压 Output voltage under loading		空载下的输出电压 Output voltage under loading	
				信号绕组(%) signal winding	控制绕组(%) control winding	信号绕组(%) signal winding	控制绕组(%) control winding
JBK6-40	4AM2642	0.04	80	6≥Um>5 12≥Um>10	95%– 105% UH	6或(or)12	1.1 Um
JBK6-63	4AM8042	0.063	80				
JBK6-100	4AM3442	0.1	80				
JBK6-160	4AM3842	0.16	85				
JBK6-250	4AM4042	0.25	85				
JBK6-400	4AM4642	0.4	85				
JBK6-630	4AM5242	0.63	85				
JBK6-800	4AM5542	0.8	90				
JBK6-1000	4AM5742	1	90				
JBK6-1600	4AM6142	1.6	90				
JBK6-2500	4AM6542	2.5	90				
JBK6-4000	4AM3032	4	90				
JBK6-5000	4AM3612	5	90				

注：各绕组容量分配可按照用户要求制造
Note: The winding capacity allocation can be manufactured in accordance with user requirements.

5、外形及安装尺寸 Shape and mounting dimension





1、适用范围 Sphere of application

JBKZ、BKZ系列整流装置是由BK变压器和整流元件组合而成。变压器适用于原边电压为220V或380V交流50Hz的电源，付边经晶体管整流元件整流输出直流，用于蓄电池充电，以及将交流直流电源用在设备上。

JBKZ, BKZ series rectifier device are made up of BK transformer and rectifier element. Transformer is suitable for the original boundary voltage of 220V or 380V AC 50Hz, power supply, pay through the transistor component side rectifier output DC, And use for battery charging, as well as AC Variable DC power apply used in the device

2、正常工作条件 Normal operating conditions

- 1、周围空气温度
 - a、周围空气温度上限不超过40℃；
 - b、周围空气温度24h的平均值不超过于30℃；
 - c、周围空气温度值24h的平均值下限不超过-5℃；
- 2、海拔：安装地点的海拔不超过2000米；
- 3、大气条件：大气相对湿度在周围空气湿度为+40℃时不超过50%，在较低温度下可以有较高的相对湿度，最湿月平均最大相对湿度为90%，同时该月平均最低温度为+25℃，并考虑到因温度变化发生在产品表面上的凝露。
- 4、污染等级：污染等级为三级；
- 5、安装类别(过电压类别)：安装类别的Ⅲ类；
- 6、电源电压：电源电压允许偏差±5%；
- 7、安装条件：安装在无剧烈震动和冲击振动的地方。

- 1、Ambient air temperature
 - a. The maximun ambient air temperature do not exceed 40℃.
 - b.the ambient average air temperature do not exceed 30℃ in 24 hours
 - c.the ambient average air temperature lower limit do not exceed 5℃ in 24 hours
- 2、Altitude:installation location do not exceed 2000m above sea level
- 3、Atmospheric conditions:air relative humidity less than 50% while the surrounding air humidity is 40℃, at low temperature can have a higher relative humidity, the wet monthly maximum relative humidity is 90%, at the same time, the average minimum temperature is 25℃, and taking into account occur in the products surface of the Gel due to temperature changes.
- 4、pollution levels:pollution grade 3
- 5、Installation type (overvoltage type): installation category classes 3
- 6、power supply voltage, supply voltage to allowed deviation ±5%
- 7、Lnstallation condition:install on the place in the absence of severe shock and vibration



Bk低电流

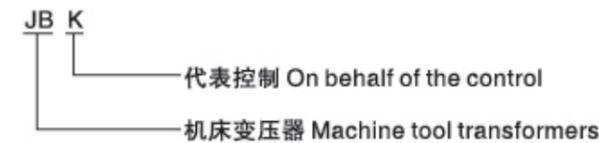
双柱大电流变压器

1、适用范围 Sphere of application

系列变压器适用于50-60Hz电压至500V的电路中，通常用于、电脑提花机、纺织机械中控制电器的电源之用。

Series transformer is suitable for 50 to 60 hz voltage to 500 v circuit, usually used in, computer jacquard machine, textile machinery control electrical power supply.

2、型号及其含义 The model and meanings



3、外形及安装尺寸 Shape and mounting dimension

型号 Model	安装尺寸 Installation dimensions		外形尺寸 Overall dimensions		
	长 long	宽 wide	长 long	宽 wide	高 high
JBK-880	110±0.5	123±0.5	132	136	140
JBK-1500	135±0.5	115±0.5	170	145	170
JBK-2000	135±0.5	135±0.5	205	165	240



1、概述 Summary

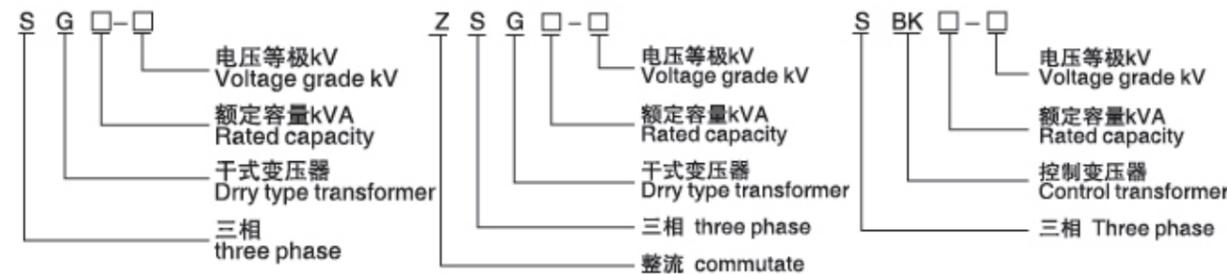
SG系列三相干式变压器广泛适用于交流50-60Hz, 输入、输出电压不超过500V的各种三相供电场合。产品的各种输入、输出电压的高低、联接组别、调节抽头的多少及位置(一般±5%)、绕组容量的分配、次级单相绕组的配备、整流电路的运用、是否要求带外壳等, 均可根据用户的要求进行精心的设计与制造。

ZSG系列三相干式整流变压器供整流设备、整流后作充电、电压调节及直流电源之用。

SG series three-coherent-type transformers are widely use in AC 50-60Hz, and the various three-phase power supply of input and output voltage do not exceed 500V. Products can according to the requirement of the user to carefully design and manufacture of all kinds of input and output voltage, join groups, regulating the number and location of the tap (typically ±5%), winding capacity allocation, single-phase secondary winding equipped with, the use of the rectifier circuit

ZSG series three-coherent-type rectifier transformer is use for the rectifier devices, made after charging rectification voltage regulation and DC power supply

2、型号及其含义 The model and meanings



3、外形及安装尺寸 Shape and mounting dimension

SG、ZSG、SBK的外形及安装尺寸见下表及图1、图2、图3

SG、ZSG、SBK appearance and installation dimensions in the table below and Figure 1, Figure 2, Figure 3

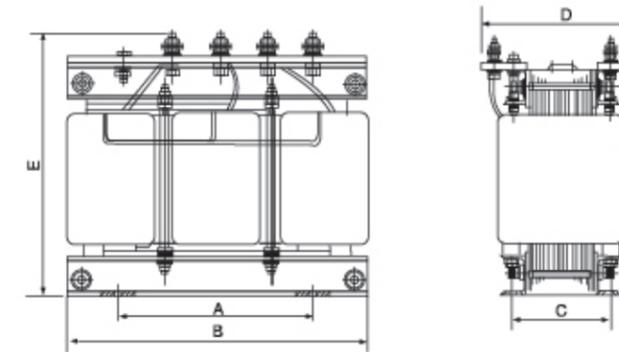


图1开启式 Picture 1 unlock type

型号 Model	容量 Capacity (KVA)	输出电压(V) Voltage		联接组别号 Coupling group tab	外形尺寸 Overall dimensions(mm)						安装尺寸 Installation dimensions				KxJ		
		输入 Input	输出 Output		开启式 Unlock type			防护式 Defend type			开启式 Unlock type		防护式 Defend type				
					Bmax	Dmax	Emax	Bmax	Dmax	Emax	A±5	C±5	A±5	C±5			
SG, ZSG, SBK-0.15	0.15	660	380	Y/yno(Y/Yo) Y/d(Y/Δ) D/y(Δ/y) D/d(Δ/Δ)	120	88	150	260	180	200	90	49			8x16		
SG, ZSG, SBK-0.3	0.3				150	98	175	260	180	200	113	62					
SG, ZSG, SBK-0.5	0.5				180	108	200	260	200	260	136	68					
SG, ZSG, SBK-0.75	0.75				180	118	200	260	250	260	136	78					10x20
SG, ZSG, SBK-1	1				180	130	200	315	250	260	176	103					
SG, ZSG, SBK-1.5	1.5				228	136	240	355	290	280	176	115					
SG, ZSG, SBK-2	2				228	146	240	355	290	300	224	115					
SG, ZSG, SBK-2.5	2.5				264	154	270	370	290	280	221	121					
SG, ZSG, SBK-3	3				264	161	270	370	290	300	224	128	420	220			
SG, ZSG, SBK-4	4				264	168	270	510	400	550	224	131					
SG, ZSG, SBK-5	5				300	180	300	510	400	550	224	143	470	230			
SG, ZSG, SBK-10	10				360	204	360	560	450	600	316	171	580	240			
SG, ZSG, SBK-15	15				360	219	360	560	450	600	316	186	580	300			
SG, ZSG, SBK-20	20				420	214	420	560	450	600	356	175					
SG, ZSG, SBK-30	30				480	274	450	650	520	720	356	235					
SG, ZSG, SBK-40	40				540	294	500	650	520	720	356	255	870	350			
SG, ZSG, SBK-50	50				600	350	560	720	600	810	450	235					
SG, ZSG, SBK-60	60				600	450	560	720	600	810	450	255					
SG, ZSG, SBK-80	80	800	450	660	1000	810	960	550	255								
SG, ZSG, SBK-100	100	860	520	760	1000	810	960	550	255								



注：
 1、空格未注尺寸，按用户要求待定，所列尺寸供参考；输出电流大于300A的产品为特殊定做产品，产品尺寸会相应改变。
 2、表中所列的额定输入、输出电压根据需要可以任意组合。
 3、表中所列的电压和尺寸，可根据用户要求协商确定。

NOTE:
 1、the space of have not note the size can be determined according to the requirements of customers, listed in the dimension only for reference; The products of output voltage is more than 300A are special products, product size will change accordingly.
 2、Rated input and output voltage of the chart can be any combination according to the need.
 3、the List voltage of the table and size can be negotiated according to user's requirements.

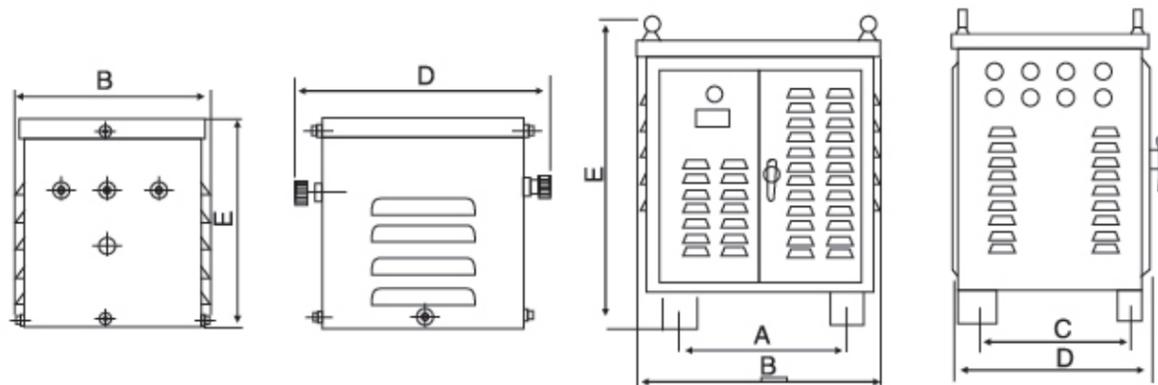


图2防护式(0.3~3KVA)

图3防护式(5~100KVA)



1、概述 Summary

我公司多年来采用优质材料和先进的工艺技术专业生产160VA到100kVA之间，SBK2系列三相伺服变压器，是参照国外同类产品最新研制开发数控系统用变压器，能替代西门子公司4AP、4AU系列变压器，产品符合VDE0550、IEC439、JB/T5555 GB5226等国际、国家标准。

SBK2系列三相伺服变压器之泛适用于交流50~60Hz，输入、输出电压不超过500V的各种三相供电场合。

产品的各种输入、输出电压的高低、联接组别、调节抽头的多少及位置(一般为±5%)、绕组容量的分配、次级单相绕组的配备、整流电路的运用、是否要求带外壳等，均可根据用户的要求进行精心的设计与制造

For many years, our company has always adopted the high quality material and advanced technology, professionally produced the 160VA to 100kVA, SBK2 series three-phase dry transformer is the latest designed and researched digital control system transformer based on the same products of the foreign country, which can be instead of 4 be instead of 4AP, 4AU series transformer of Siemens Company. Products are in accordance with VED0550, IEC439, and JB/T5555, GB5226 international and national standard.

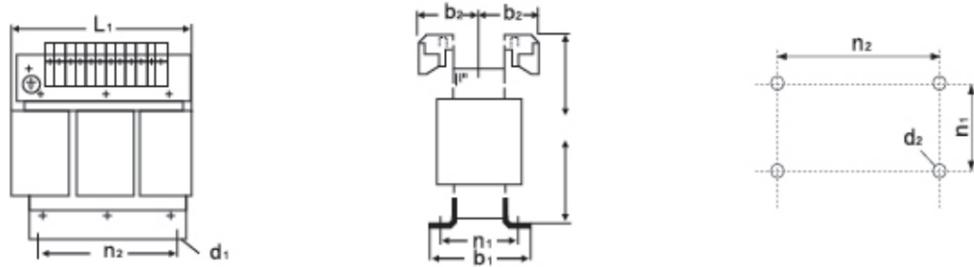
SBK series three-phase dry transformer was widely used to AG50~60Hz, input and output voltage less 500V various input we supply places.

2、型号及含义 The model and meanings



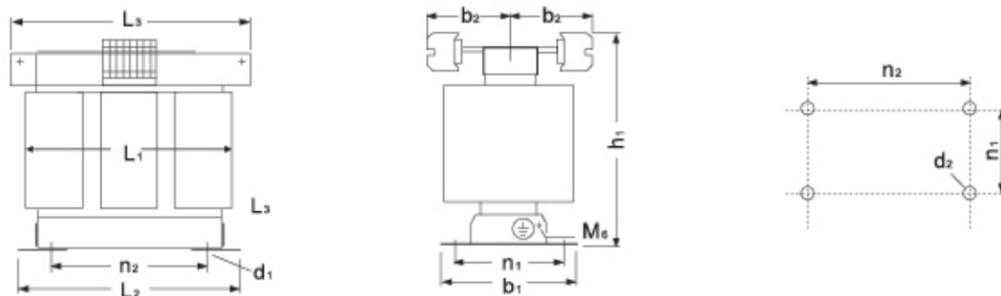
3、外形及安装尺寸 Shape and mounting dimension

SBK-0.16~SBK-4

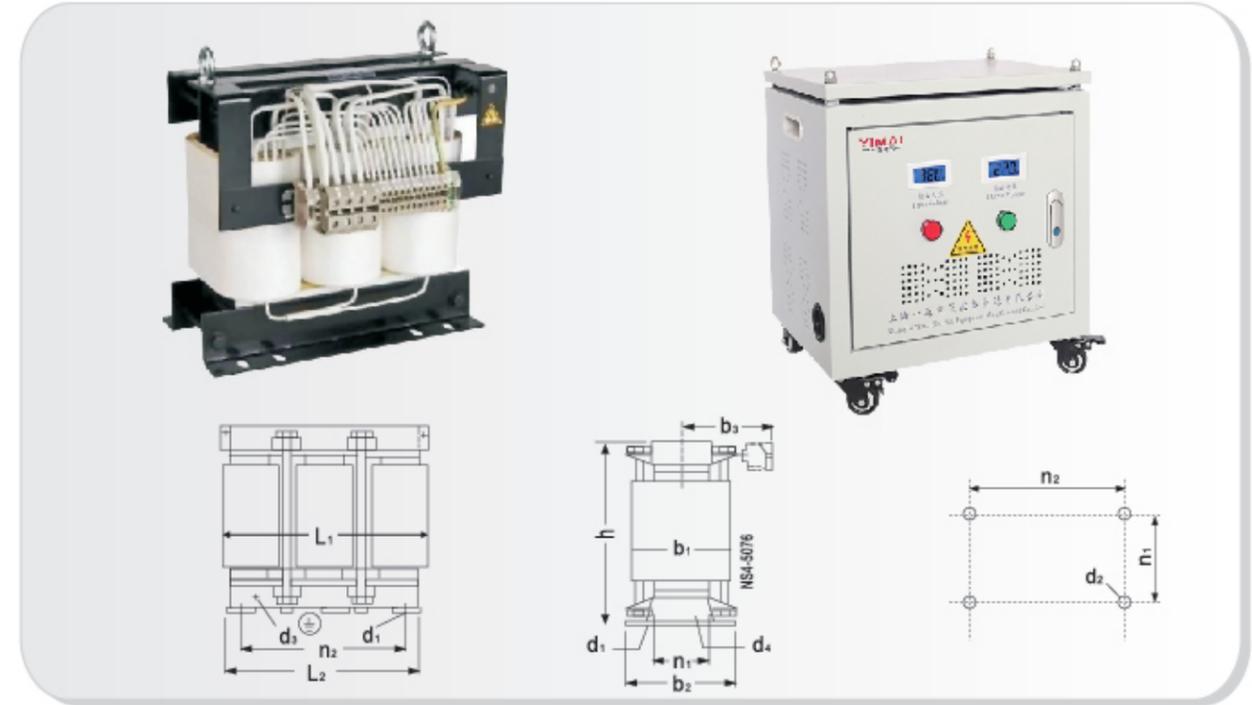


型号 Model	国外型号 Foreign model	容量 Capacity KVA	b ₁ max	b ₂ max	d ₁	d ₂	h ₁ max	L ₁ max	n ₁	n ₂
SBK-0.16	4AP1741	0.16	64	50	5×8	M4	140	122	49	90
SBK-0.25	4AP1841	0.25	67	48	6×12	M5	162	156	47	113
SBK-0.4	4AP1941	0.4	82	56	6×12	M5	162	156	62	113
SBK-0.63	4AP2041	1.6	76	51	7.4×13	M6	187	181	58	136
SBK-1	4AP2141	1	97	61	7.4×13	M6	187	181	78	136
SBK-1.6	4AP2541	1.6	115	98	7.4×13	M6	214	229	97	176
SBK-2.5	4AP2741	2.5	133	102	10×18	M8	241	264	104	224
SBK-4	4AP3041	4.5	148	104	10×18	M8	270	300	121	224

SBK-6.3~SBK-16



型号 Model	国外型号 Foreign model	容量 Capacity KVA	b ₁	b ₂	d ₁	d ₂	h ₁ max	L ₁ max	L ₁ max	L ₁ max	n ₁	n ₂
SBK-6.3	4AU3031	6.3	155	129	10×18	M8	270	300	264	310	138	264
SBK-10	4AU3631	8;10	169	134	10×18	M8	320	360	314	360	141	316
SBK-16	4AU3931	12.5;16	174	131	12×18	M10	370	420	366	410	155	356



型号 Model	国外型号 Foreign model	容量 Capacity KVA	b ₁	b ₂	b ₃	d ₁	d ₂	d ₃	d ₄	h max	L ₁ max	L ₂ max	n ₁	n ₂
SBK-22.5	4BU430;4UB431 4BU432	18;20;22.5	194	194	112	15×22	M12	-	M6	420	480	416	175	356
SBK-28	4BU450;4BU451	25;28	221	221	126	15×22	M12	-	M6	420	480	416	195	356
SBK-40	4BU470;4BU471 4BU472	31.5;35.5;40	251	251	141	15×22	M12	-	M6	420	480	416	215	356
SBK-45	4BU520	45	280	220	153	12.5	M10	M12	-	515	555	470	235	356
SBK-56	4BU530;4BU531	50;56	295	235	161	12.5	M10	M12	-	515	555	470	198	410
SBK-71	4BU540;4BU541	63;71	295	245	166	15	M12	M12	-	585	630	540	198	470
SBK-80	4BU550	80	310	260	173	15	M12	M12	-	585	630	540	213	470
SBK-100	4BU560;4BU561	91;100	330	280	183	15	M12	M12	-	585	630	540	233	470
SBK-140	4BU580;4BU581 4BU582	112;125;140	330	290	180	15	M12	M12	-	665	780	660	241	580
SBK-160	4BU590	160	330	310	190	15	M12	M12	-	665	780	660	261	580
SBK-180	4BU600	180	375	335	203	15	M12	M12	-	665	780	820	286	580
SBK-250	4BU620;4BU621 4BU622	200;225;250	405	315	193	21	M16	M12	-	760	975	820	261	720
SBK-315	4BU630;4BU631	280;315	430	340	205	21	M16	M12	-	760	975	820	298	720
SBK-355	4BU640	355	460	370	220	21	M16	M12	-	760	975	820	323	720
SBK-400	4BU650	400	490	400	235	21	M16	M12	-	760	975	820	353	720



1、概述 Summary

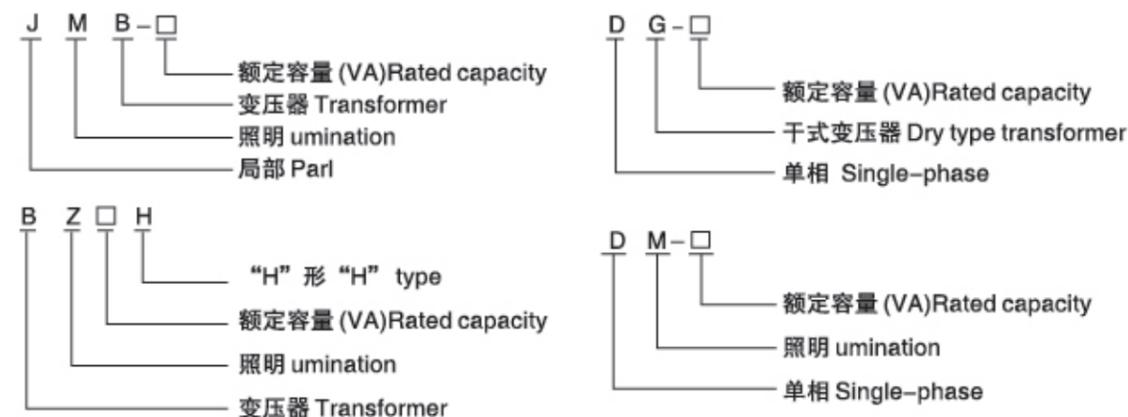
JMB、DG、BZ型系列照明变压器适用于交流50Hz，电压500V及以下的电路中，作为机床及其它设备的局部照明灯电源。

JMB、DG系列变压器是由BK系列变压器和防护外壳构成，外壳两侧有供输入电源和负载接线用的接线柱，并有供接地用的接地螺钉；BZ型照明变压器是由BK-50、BK-100控制变压器、LS3-2型主令开关及保护外壳组成，在主令开关上装有熔断器，用以保护照明回路，电源从装有主令开关一端的防尘薄膜处引入，通过主令开关来接通和分断照明灯。

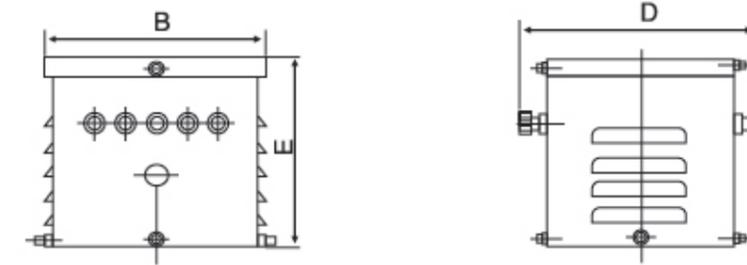
JMB,DG,BZ series lighting transformer for AC 50Hz, voltage 500V and below the circuit, machine tools and other equipment as a local lighting supply.

JMB,DG series of transformers by the BK series of transformers and protective shell composition, shell on both sides have for the input supply and load wiring terminal used and are used for grounding the grounding scrub, BZ lighting transformer is a BK-50, BK-100 control transformer, LS3-2-type main switch and the composition of the protective housing, in the main switch is equipped with a fuse for the protection of lighting circuits, power supply from the main switch is equipped with dust-proof membrane at one end of the introduction, through the main switch to connect and breaking lights.

2、型号及其含义 The model and meanings



3、外形及安装尺寸 Shape and mounting dimension



JMB(DG)系列产品的外形及安装尺寸见表1、图1

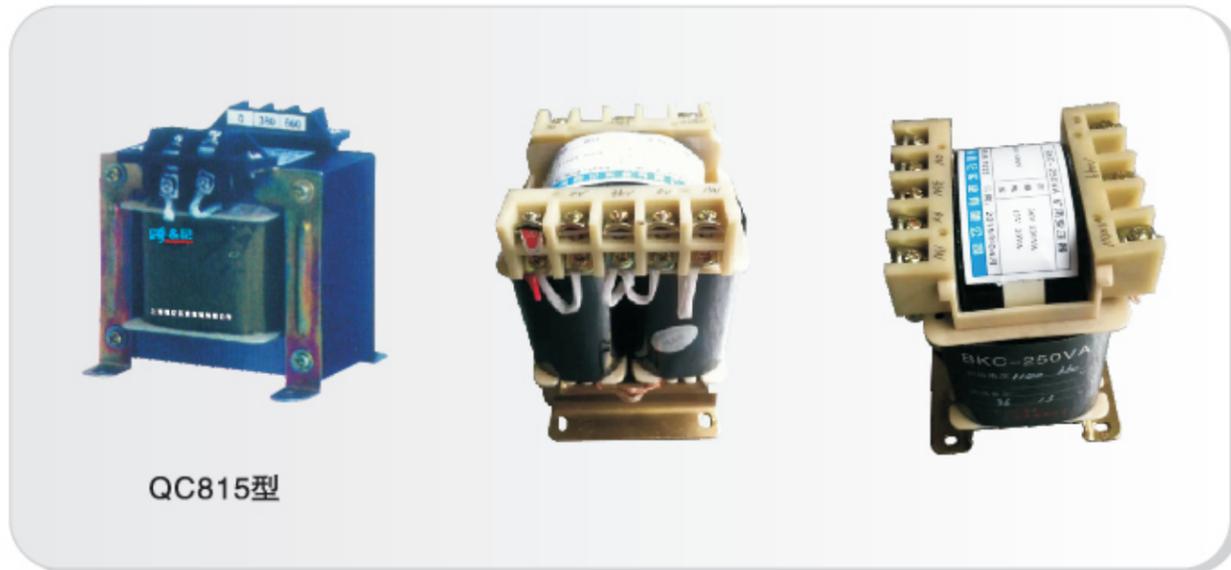
JMB (DG) series of product appearance and installation dimensions are shown in Table 1, figure 1

型号 Model	初级电压 Primary Voltage(V)	次级电压 Secondary Voltage(V)	外形尺寸 Shapel dimensions		
			B	D	E
JMB(DG)25VA	220、380或根据 用户需求而定 380 or 220, according to user needs and	6、12、24、36、110 127、220、380 或根据用户需求而定 6, 12, 24, 36, 110 127, 220, 380 Or according to user needs and	145	160	120
JMB(DG)50VA			145	165	120
JMB(DG)100VA			145	165	120
JMB(DG)150VA			165	155	130
JMB(DG)200VA			165	155	130
JMB(DG)250VA			175	200	150
JMB(DG)300VA			175	200	150
JMB(DG)400VA			205	230	170
JMB(DG)500VA			205	230	170
JMB(DG)700VA			220	285	180
JMB(DG)1000VA			220	285	180
JMB(DG)1500VA			260	320	220
JMB(DG)2000VA			260	320	220
JMB(DG)3000VA			260	360	240
JMB(DG)5000VA			365	350	280

BZ产品外形及安装尺寸见表2

BZ product appearance and installation dimensions are shown in Table 2

型号 Model	额定容量 Capacity (VA)	初级电压 Primary Voltage(V)	次级电压 Secondary Voltage(V)	外形尺寸 Shapel dimensions	安装孔 Installing hole
				(B×D×E)	
BZ-50H	50	380或220	12、24、36	118×212×92	φ 6.5
BZ-100H	100	380或220	12、24、36	118×212×104	φ 6.5



QC815型

1、概述 Summary

本矿用变压器适用于交流50Hz，电压等级为1140V及以下，容量为500VA及以下，它广泛用于矿用隔爆型磁力电器中的控制线路局部照明及信号设备的电源之用。

The mine transformers for AC 50Hz, voltage is 1140V and below grade and the capacity of 500VA and below. It is widely used in mine explosion-proof magnetic device in the control circuit via local lighting and signaling equipment, power supply purposes.

B Z80、ZZ8L、KSGZ系列煤电钻综合装置变压器 B Z80、ZZ8L、KSGZ series electric coal drill composite device transformer



4.0KVA

KSG-10KVA

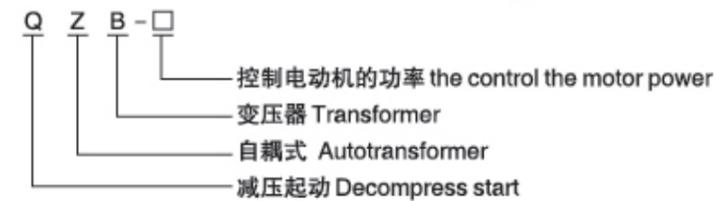


1、适用范围 Sphere of application

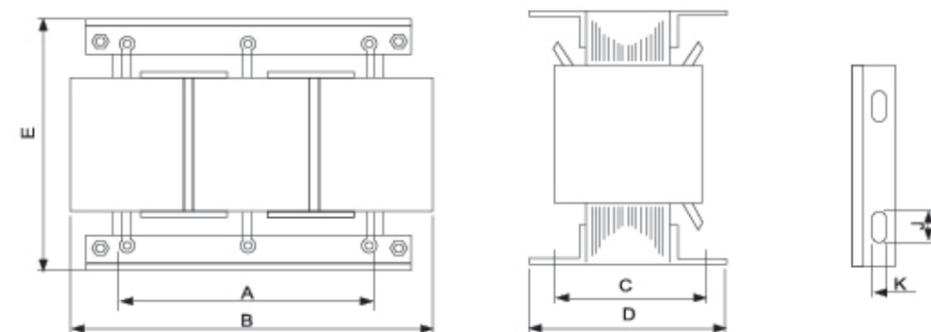
QZB系列自耦变压器适用于交流50Hz，额定电压380V，功率14kW-300kW的三相鼠笼型感应电动机的不频繁降压启动，以改善电动机启动时对输电网络的影响。

QZB series of auto-transformer for AC 50Hz, rated voltage 380V power 14kW-300kW three-phase squirrel-cage. Induction motor is not frequent blood pressure start, to improve the motor starting time of the transmission network.

2、型号及其含义 The model and meanings



3、外形及安装尺寸 Shape and mounting dimension



4、主要技术参数 Main technical parameters

型号 Model	控制电动机功率 Control motor power(KW)	最长工作时间 maximum hours of work	最长工作电流 maximum performance current(A)
QZB-14	14	30	28
QZB-20	20	30	40
QZB-28	28	30	56
QZB-30	30	30	59
QZB-40	40	30	80
QZB-55	55	30	110
QZB-75	75	30	142
QZB-115	115	50	230
QZB-135	135	50	270
QZB-190	190	70	370
QZB-225	225	70	410
QZB-260	260	70	475
QZB-300	300	70	535

型号 Model	安装尺寸 Mounting dimensions		安装孔 Installing hole	外形尺寸 Shape dimensions		
	A	C	K×J	B	D	E
QZB-14	230	115	12×20	280	144	226
QZB-17	230	115	12×20	280	144	226
QZB-20	272	105	8×20	279	138	229
QZB-22	272	105	8×20	279	138	229
QZB-28	284	113	9×20	321	153	261
QZB-30	284	113	9×20	321	153	261
QZB-40	270	128	12×40	371	168	282
QZB-45	270	128	10×48	371	168	282
QZB-55	248	132	φ 14	352	163	280
QZB-75	246	125	φ 14	371	164	295
QZB-115	312	161	12×18	392	203	315
QZB-135	310	168	12×18	391	207	342



变频器、调速器用电抗器

本公司自主生产的变频器电抗器用于与变频器的进、出线相串联，作为变频器的进线电抗器和出线电抗器。变频器在工作时将产生较大的谐波，如果不加装进线电抗器，将大幅度降低变频器及用电设备的使用寿命，谐波干扰严重时，会导致某些设备不能正常运行，加装进线电抗器后将大幅度降低各谐波的含量，提高电网的功率因数，保证变频器及其它用电设备的安全运行，确保其它用电设备不受谐波干扰影响；加装出线电抗器可以转化变频器输出电压(开关频率)的陡度，减少逆共变器中的功率元件的扰动和冲击。而且该电抗器在负载合闸瞬间能够有效地抑制回路涌流，保护回路中的变频器装置及其它元器件免受电流冲击。

该电抗器为三相，均为铁芯干式。铁芯采用优质低损耗进口冷轧取向硅钢片，气隙采用环氧层压玻璃布板作间隔，以保证电抗器在运行过程中气隙不发生变化。线圈采用F级漆包线绕制，温升相对较低而产生的热量亦相对小，对周围的电器元件影响较小。电抗器整体浸漆减小了运行时的噪音。该电抗器具有体积小、重量轻、外观美等优点。

低压电容器用串联电抗器系列

本公司平衡电抗器用于双反星形带平衡电抗器或两组直流电源并联的线路中，防止内部产生环流。

该产品为铁芯干式电抗器。铁芯采用优质低损耗进口冷轧取向硅钢片，气隙采用环氧层压玻璃布板间隔，以保证电抗器在运行过程中气隙不发生变化。线圈采用F级漆包线绕制，温升相对较低而产生热量亦相对小，对周围的电器元件影响较小。电抗器整体浸漆减小了运行时的噪音。该电抗器具有体积小、重量轻、外观美等优点。产品制作按国家标准GB 10229-1988生产。

订货要求：注明整流器最大输出直流电流(并联后的总电流)，整流器最大输出直流电压，使用环境温度(标准40℃)，是否需要其它条件。

滤波电抗器

一、用途

该滤波电抗器用于低压滤波柜中，与滤波电容器相串联，调谐至某一谐振频率，用来吸收电网中相应频率的谐波电流。低压网中有大量整流、变频、变频装置等谐波源，其产生的高次谐波会严重危害主变及系统中其他电器设备的安全运行。滤波电抗器与电容器相串联后，不但能有效地吸收电网谐波，而且提高了系统的功率因数，对于系统的安全运行起到了较大的作用。

二、结构特点

- 1、该滤波电抗器分为三相和单相两种，均为铁芯干式。
- 2、铁芯采用优质低损耗进口冷轧取向硅钢片，芯柱由多个气隙分成均匀小段，气隙采用环氧层压玻璃布板作间隔，采用专用粘接剂粘接，以保证电抗器在运行过程中不发生变化。
- 3、线圈采用F级漆包扁铜线绕制，排列紧密且均匀。
- 4、电抗器的线圈和铁芯组装成一体后经过预烘→真空浸漆→热烘固化这一工艺流程，采用F级浸渍漆，使电抗器的线圈和铁芯牢固地结合在一起。
- 5、电抗器的夹件、紧固件等采用非磁性材料，确保电抗器具有较高的品质因数，确保具有较好的滤波效果。

Inverter, speed governor used reactor

The company independent production of converter reactor with frequency converter in and out of the facies series, as the inverter line into the reactor and the reactor. Will produce larger harmonic frequency converter on the job, if you don't reactor with into the line, will reduce the frequency converter and the service life of electric equipment, harmonic disturbance serious, will cause some equipment can not run normally, after the reactor with into line will greatly reduce the harmonics Content, improve the power factor of power grid, guarantee the safe operation of the inverter and other electrical equipment, to ensure that other electrical equipment is not affected by harmonic interference; Reactor with qualification will blunt the inverter output voltage (switch Frequency) gradient, reduce power device in the inverse meter a modulator of disturbance and impact. And can effectively restrain the reactor in load switching instant loop flow, protection circuit of frequency converter device and other components A current shock.

The reactor for three phase, are all core dry. Iron core is made of high quality imported cold rolled silicon steel sheet, low loss of air gap with epoxy laminated glass cloth plate for interval, to ensure that the reactor is in operation process gas gap will not occur Change. Using F wire enameled wire coil winding, the relatively low temperature and the heat generated by the relatively small, the surrounding of the electrical components. Reactor integral varnished reduced the noise when running. The reactor has a volume The advantages of small, light weight, beautiful appearance.

Low voltage capacitor with serial reactor series

The company balance reactor for double star belt balance reactor or two sets of dc power supply in parallel lines, prevent the internal circulation.

The product as the core of dry type reactor. Iron core is made of high quality imported cold rolled silicon steel sheet, low loss of air gap with epoxy laminated glass cloth plate intervals, to ensure that the reactor is in operation process gas gap does not change. Using F wire enameled wire coil winding, the relatively low temperature and produce heat are relatively small, the surrounding of the electrical components. Reactor integral varnished reduced the noise when running. The reactor has the advantages of small volume, light weight, beautiful appearance. Products produced according to national standard GB 10229-10229 production.

Order: indicate the maximum output rectifier dc current (parallel after the total current), the maximum output rectifier dc voltage, using the environment temperature 40 °C (standard), if you need other conditions.

Filter reactor

A, use

Ark, the filter reactor is used for low pressure filter and filter capacitor in series, tuned to a resonant frequency, used to absorb the corresponding frequency harmonic current in the power grid. There is a tremendous amount of rectifier Di YaWang, current transformer, frequency conversion device, such as harmonic source, its higher harmonic produced could cause serious damage to main transformer and other electrical equipment safe operation in the system. After the filter reactor and capacitor in series, not only can effectively absorb the power grid harmonic, and improve the power factor of the system, for the safe operation of the system has played a large role.

Two structural features

- 1, the filter reactor is divided into three phase and single phase two, are the core dry.
- 2, iron core is made of high quality, low loss imported cold rolled silicon steel sheet, core column by multiple air gap into segments evenly, air gap with epoxy laminated glass cloth plate for interval, using special adhesive bonding and to ensure that the reactance air gap in the process of operation does not change.
- 3, coil used F paint BaoBian copper wire winding, closely packed and uniform.
- 4, the reactor coil and iron core assembled into a whole through the preliminary drying - vacuum varnished - after thermal drying curing the technological process, using F impregnating varnish, make the reactor coil and iron core tightly together.
- 5, reactor clamp parts, fasteners, etc with nonmagnetic materials, to ensure that the reactor has the high quality factor, ensure good filtering effect.

1、概述 Summary

JX01系列自耦减压起动柜适用于交流380V, 功率至300KW的三相鼠笼感应电动机作为降压启动之用, 系列用自耦变压器降压的方法改善当电动机启动时对输电网络的影响。

Jx01 series autotransformer starting cabinet for AC 380V, three-phase squirrel cage induction motor power up to 300KW with reduced voltage starting, series with the improvement of the auto transformer step-down method when the impact of the transmission network when the motor is started.

2、使用条件 Conditions of use

- 海拔高度不超过2000m;
- 周围介质温度不高于+40℃不高于-10℃;
- 空气相对湿度不大于85%;
- 振幅不大于0.5mm, 频率不大于每分钟600次的振动;
- 与垂直面的倾斜不超过5°;
- 在无爆炸危险的介质中, 且介质中无足以腐蚀的破坏绝缘的气体及导电尘埃的地方。

- the altitude does not exceed 2000m;
- the surrounding medium temperature not higher than +40 DEG C not lower than -10 DEG c;
- air relative humidity is not more than 85%;
- amplitude is not more than 0.5mm, the frequency of not more than 600 times per minute Vibration;
- and vertical inclination of not more than 5°;
- In no danger of explosion in the medium, and medium without sufficient corrosion Gas damage insulation and conductive dust place.

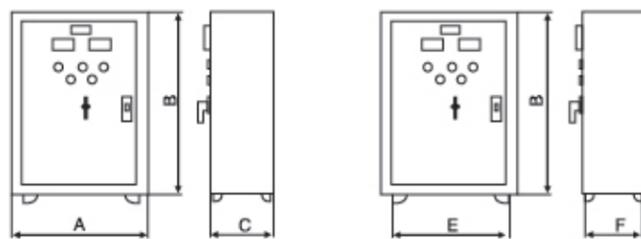
3、型号及其含义 The model and meanings



4、主要技术特征 The main technical characteristics

型号 Model	控制电动机 功率KW Control motor power KW	最大工作电流A Maximum working current A	自耦变压器 功率KW Autotransformer power KW	电流互感器额定 电流A Current transformer current rate	热继电器额定 电流A Thermal relay setting current reference value A	最大启动时间S The biggest sum starting time S	电压组合		损耗 (KW) Loss	空载电流 The no-load current	短路阻抗 Short circuit impedance	重量(Kg) Weight		安装尺寸(mm) Mounting dimensions			
							高压 High pressure (KV)	高压分接范围 Pressure tapping range				低压 Low voltage (KV)	本体重 The weight	带外壳 With housing quantity	L	W	H
JX01-22	18	43	22		44	30	±5%	0.4	Yyn0 Dyn11	4.0	220	250	580	405	600	300	300
JX01-30	28	57	30		60						360	410	620	475	730	300	350
JX01-40	37	80	40		80						450	190	900	500	820	450	450
JX01-55	45	110	55		110						540	580	940	500	860	450	450
JX01-75	62	142	75		142						630	670	970	500	890	450	450
JX01-100	90	200	100	300/5	3.2						745	795	1060	650	930	550	550
JX01-115	100	230	115	300/5	3.8	850	910	1100	650	985	550	550					
JX01-135	115	270	135	400/5	2.2	1010	1065	1140	760	1070	660	660					
JX01-160	155	320	160	600/5	3.1	1235	1295	1170	760	1130	660	660					
JX01-190	182	370	190	600/5	2.5	1370	1430	1260	760	1155	660	660					
JX01-225	190	410	225	800/5	3	1565	1625	1300	760	1190	660	660					
JX01-260	225	475	260	800/5	3.5	1855	1930	1370	760	1220	660	660					
JX01-300	270	535	300	1000/5	3.8	1800	1875	1370	760	1190	660	660					
						2140	2215	1440	760	1225	660	660					
						2535	2620	1480	920	1330	820	820					
						3100	3190	1580	920	1480	820	820					
						3705	3830	1660	920	1550	820	820					
						4230	4380	1720	920	1710	820	820					
						5230	5380	1820	920	1780	1070	1070					

5、外形及安装尺寸 Shape and mounting dimension



型号 Model	规格 specifications	外形尺寸 Overall dimensions			安装尺寸 Installation dimensions			附注 note
		A	B	C	E	F	φ	
JX01	22-30KW	405	710	290	395	220	8	
	40-75KW	450	920	310	440	245	8	
	90-115KW	550	1150	420	540	350	8	
	135-190KW	610	1350	485	585	410	8	
	225-300KW	700	1550	545	665	475	8	



1、适用范围 Sphere of application

具有广泛的使用领域, 尤其适合用在防火要求的场所, 如矿井、油田、地铁、发电厂、学校、医院、商业中心、高层建筑及一切户内配置系统中。

With the widely used, especially suitable in the requirements of the fire place, such as mines, oil, subway, power plants, schools, hospitals, commercial center, high-rise buildings and all indoor configuration system.

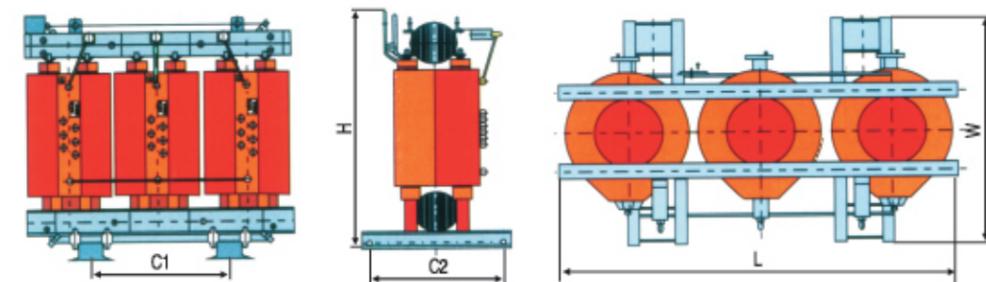
2、型号及其含义 The model and meanings



3、主要技术参数及外形安装尺寸 The main technical parameters and dimensions

额定容量(KVA) Rated capacity	电压组合 Voltage combination			联结组 The connection group	损耗 (KW) Loss		空载电流 The no-load current	短路阻抗 Short circuit impedance	重量(Kg) Weight		安装尺寸(mm) Mounting dimensions				
	高压 High pressure (KV)	高压分接范围 Pressure tapping range	低压 Low voltage (KV)		空载 No load	负载(120°) Load			(%)	(%)	本体重 The weight	带外壳 With housing quantity	L	W	H
30	±5% ±2×2.5%	0.4	Yyn0 Dyn11	4.0	0.19	0.71	1.6	6.0	220	250	580	405	600	300	300
50					0.27	1.00	1.4		360	410	620	475	730	300	350
63					0.37	1.38	1.2		450	190	900	500	820	450	450
80					0.40	1.57	1.1		540	580	940	500	860	450	450
100					0.47	1.85	1.0		630	670	970	500	890	450	450
125					0.54	2.13	1.0		745	795	1060	650	930	550	550
160					0.62	2.52	0.9		850	910	1100	650	985	550	550
200					0.72	2.75	0.8		1010	1065	1140	760	1070	660	660
250					0.88	3.47	0.8		1235	1295	1170	760	1130	660	660
315					0.98	3.99	0.7		1370	1430	1260	760	1155	660	660
400					1.16	4.88	0.7		1565	1625	1300	760	1190	660	660
500					1.34	5.87	0.6		1855	1930	1370	760	1220	660	660
630				1.30	5.96	0.6	1800	1875	1370	760	1190	660	660		
800				1.52	6.95	0.5	2140	2215	1440	760	1225	660	660		
1000				1.77	8.13	0.45	2535	2620	1480	920	1330	820	820		
1250				2.09	9.69	0.45	3100	3190	1580	920	1480	820	820		
1600				2.45	11.73	0.45	3705	3830	1660	920	1550	820	820		
2000				3.32	14.45	0.4	4230	4380	1720	920	1710	820	820		
2500				4.00	17.17	0.4	5230	5380	1820	920	1780	1070	1070		

4、外形示意图 Schematic diagram of shape





1、适用范围 Sphere of application

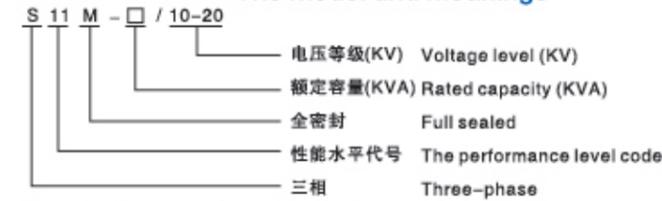
我公司生产的三相油浸式配电变压器，器身采用了新型绝缘结构，提高了抗短路能力；铁芯由高质量冷轧硅钢片制成，主绕组均选用优质无氧铜线为材料，并采用多层圆筒式结构；所有紧固件均采用特殊防松处理。

产品具有高效，低损耗的特点，可节省大量的电耗和运行费用，社会效益显著，是国家推广的高新技术产品。

Three-phase oil immersed distribution transformers, transformer body adopts a new type insulation structure, enhances the anti short circuit Capacity; core is made of high quality cold rolled silicon steel sheets, the main winding are made of high quality copper as material, and uses Multi-layer cylindrical structure; all fastening pieces are made of special anti loose treatment.

The product has the advantages of high efficiency, low loss, can save the energy consumption and running cost a lot of, significant social benefits, is a high-tech products in the country to promote.

2、型号及其含义 The model and meanings



1、概述 Summary

DBW-D/SBW-D数显系列单、三相全自动补偿式电力稳压器是适用于当外界的供电网络电压波动或负载变化而造成电压波动时，能自动保持输出电压稳定。本系列产品与其它型式的稳压器相比，具有容量大、效率高、无波形畸变、电压调节平稳等优点，适用负载广泛，能承受瞬时超载，可长期连续工作，手动/自动切换，设有过压保护、缺相、相序保护及机械故障自动保护，本机体积小，重量轻，使用安装方便，运行可靠等优点。

DBW-D/SBW-D Digital display series single, three phases full automatic compensated power voltage stabilizer appliant to when the power network voltage fluctuates or the load current varies, it can keep output voltage in steady state automatically. Compared with other voltage stabilizers, it has the advantage of large capacity, high efficiency, no wave distortion, stable voltage adjustment, suitability for kinds of loads, bearing instantaneous overload, working continually for long time, as well as free transferring between manual control and automatic control, etc, besides, it is provided with protection against over-voltage, over current, phase failure and protection for phase sedquence and has following merits:small volume, light weight, convenient installation and reliable running and so on.

2、使用环境 Working condition

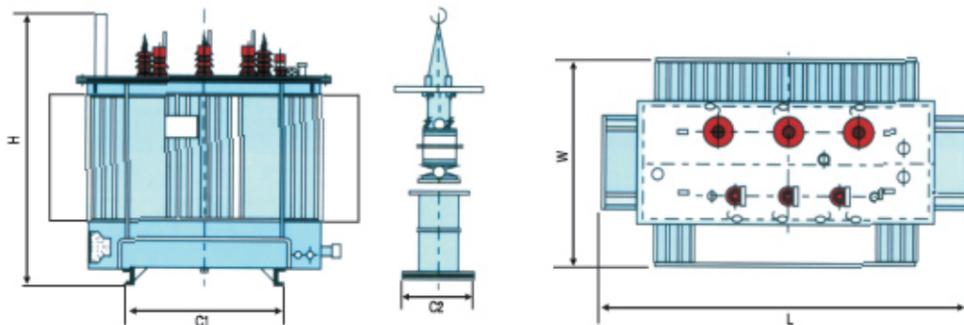
广泛用于邮电、商场、电梯、医院、学校、印刷、纺织、证券等所有需要正常电压保证的场合及大、中型工矿企业车间，部分供电及重要设备和配套。

Widely used in post and telecommunications, department stores, elevators, hospitals, schools,printing securities and other occasions where all needs normal voltage to ensure, such as workshop mines medium enterprises, some of the important equipment and computerpower and support.

3、主要技术参数及外形安装尺寸 The main technical parameters and dimensions

额定容量(KVA) Rated capacity	电压组合 Voltage combination			联结组 The connection group	损耗 (KW) Loss		空载电流 The no-load current (%)	短路阻抗 Short circuit impedance (%)	重量(Kg) Weight		安装尺寸(mm) Mounting dimensions				
	高压 High pressum (KV)	高压分接范围 Pressure tapping range	低压 Low voltage (KV)		空载 No load	负载(100%) Load			本体重 The weight	带外壳 With housing quantity	L	W	H	C1	C2
30	20/10	±5×2.5% ±2×2.5%	0.4	Dyn11	0.09	0.66	2.1	5.5	260	640	980	870	1230	550	550
50									280	720	1010	900	1280	550	550
63									290	760	1030	920	1310	550	550
80									310	830	1050	930	1370	550	550
100									330	920	1070	970	1420	550	550
125									340	990	1090	990	1430	550	550
160									360	1090	1130	990	1470	660	660
200									390	1230	1150	1010	1520	660	660
250									430	1380	1200	1080	1570	660	660
315									470	1610	1210	1100	1620	660	660
400					500	1740	1420	900	1730	660	660				
500					540	1960	1450	920	1790	820	820				
630					660	2500	1550	1000	1950	820	820				
800					740	2900	1700	1040	1990	820	820				
1000					820	3310	1780	1130	2050	820	820				
1250					890	3780	1880	1230	2100	820	820				
1600					1000	4500	2040	1380	2260	820	820				
2000					1060	5180	2350	1180	2600	1070	1070				
2500					1130	5850	2450	1220	2720	1070	1070				

4、外形示意图 Schematic diagram of shape



3、产品性能 The properties of the product

输入电压 Input voltage	单相: 220V ± 20% 或者 220V ± 30% (订货时需要说明) Single Phase: 220V ± 20% or 220V ± 30% (order time make remark) 三相四线: 380V ± 20% 或者 380V ± 30% (订货时需要说明) Three phases Four-line: 380V ± 20% or 380V ± 30% (order time make remark)
输出电压 Output voltage	单相: 220V(相电压) Single phases: 220V(Phase Voltage); 三相: 380V(线电压) Three phases: 380V(Line Voltage);
输出精度 Output deviance	2-5%(可调Adjustable)
频率 Frequency	50Hz/60Hz
效率 Efficiency	≥ 95%(功率等级50kVA上) (Power > 50kVA)
响应速度 Response time	≤ 1.5S(当外界电压变化10%) ≤ 1.5S when input voltage fluctuation of 10%
环境温度 Ambient temperatute	-10℃~+40℃
绝缘电阻 Insulation resistance	≥ 5MΩ
过载能力 Overload	二倍额定电流, 维持1分钟 Double rated current, keeping one min
波形失真 Waveform distortion	无附加波形失真 No additional waveform distortion
市电功能 Bypass	人工启动 Byhand
保护功能 Protect	过压、过流, 其它功能另外注明像缺相、相序、浪涌、滤波 Overvoltage, overcurrent, other protect function when make order time need make remark, lack phase, feed phases, sarge, filter ect.





产品型号、规格、尺寸、重量 Product models, specifications, size, weight

型号规格 Types and specifications	额定功率 Rated Capability (kVA)	输出最大电流 Output Max. Current(A)	产品尺寸 Outline(cm)	净重 Weight(kg)
DBW-D-20K	20	91	65×54×135	283
DBW-D-30K	30	136	65×54×135	310
DBW-D-40K	40	182	65×54×135	330
DBW-D-50K	50	227	80×54×130	360
DBW-D-60K	60	273	80×54×130	380
DBW-D-70K	70	318	80×54×130	400
DBW-D-80K	80	364	80×54×130	430
DBW-D-100K	100	454	85×62×145	480
DBW-D-120K	120	545	90×70×170	510
DBW-D-150K	150	682	90×70×170	530
DBW-D-180K	180	818	100×80×190	570
DBW-D-200K	200	909	100×80×190	600



1、概述 Summary

SBW、DBW系列单、三相全自动补偿式电力稳压器是适用于当外界的供电网络电压波动或负载变化而造成电压波动时，能自动保持输出电压稳定。本系列产品与其它形式的稳压器相比，具有容量大、效率高、无波形畸变、电压调节平滑等优点，适用负载广泛，能承受瞬时超载，可长期连续工作，手动/自动切换，设有过压保护、缺相、相序保护及机械故障自动保护，本机体积小，重量轻，使用安装方便，运行可靠等优点。

DBW/SBW single, three phases full automatic compensated power voltage stabilizer applicant to when the power network voltage fluctuates or the load current varies, it can keep output voltage in steady state automatically. Compared with other voltage stabilizers, it has the advantage of large capacity, high efficiency, no wave distortion, stable voltage adjustment, suitability for kinds of loads, bearing instantaneous overload, working continually for long time, as well as free transferring between manual control and automatic control, etc, besides, it is provided with protection against over-voltage, over current, phase failure and protection for phase sequence and has following merits: small volume, light weight, convenient installation and reliable running and so on.

2、使用环境 Working condition

广泛用于邮电、商场、电梯、医院、学校、印刷、纺织、证券等所有需要正常电压保证的场合及大、中型工矿企业车间，部分供电及重要设备和配套。

Widely used in post and telecommunications, department stores, elevators, hospitals, schools, printing securities and other occasions where all needs normal voltage to ensure, such as workshop mines medium enterprises, some of the important equipment and computer power and support.

3、产品性能 The properties of the product

输入电压 Input voltage	单相: 220V±20% 或者 220V±30%(订货时需要说明) Single Phase: 220V±20% or 220V±30%(order time make remark) 三相四线: 380V±20% 或者 380V±30%(订货时需要说明) Three phases Four-line: 380V±20% or 380V±30%(order time make remark)
输出电压 Output voltage	单相: 220V(相电压) Single phases: 220V(Phase Voltage); 三相: 380V(线电压) Three phases: 380V(Line Voltage);
输出精度 Output deviance	2-5%(可调Adjustable)
频率 Frequency	50Hz/60Hz
效率 Efficiency	≥95%(功率等级50kVA上) (Power > 50kVA)
响应速度 Response time	≤1.5S
环境温度 Ambient temperatute	-10℃~+40℃
绝缘电阻 Insulation resistance	≥5MΩ
过载能力 Overload	二倍额定电流, 维持1分钟 Double rated current, keeping one min
波形失真 Waveform distortion	无附加波形失真 No additional waveform distortion
市电功能 Bypass	人工启动 Byhand
保护功能 Protect	过压、过流, 其它功能另外注明像缺相、相序、浪涌、滤波 Overvoltage, overcurrent, other protect function when make order time need make remark, lack phase, feed phases, sarge, filter ect.



SBW-200KVA



产品型号、规格、尺寸、重量 Product models, specifications, size, weight

型号规格 Types and specifications	额定功率 Rated Capability (kVA)	输出最大电流 Output Max. Current(A)	产品尺寸 Outline(cm)	净重 Weight(kg)
SBW-D-30K	30	45	80×54×135	260
SBW-D-50K	50	76	80×54×135	350
SBW-D-60K	60	91	80×54×135	370
SBW-D-80K	80	121	80×54×135	400
SBW-D-100K	100	152	85×60×150	420
SBW-D-120K	120	182	85×60×150	500
SBW-D-150K	150	227	100×70×170	550
SBW-D-180K	180	273	100×70×170	570
SBW-D-200K	200	303	100×70×170	630
SBW-D-225K	225	341	110×70×180	660
SBW-D-250K	250	379	110×80×180	700
SBW-D-300K	300	455	110×80×200	740
SBW-D-320K	320	485	110×80×200	760
SBW-D-400K	400	606	100×80×200/2柜(case)	1100
SBW-D-500K	500	758	100×80×200/2柜(case)	1500
SBW-D-600K	600	909	100×80×200/2柜(case)	2200
SBW-D-800K	800	1212	85×110×200/3柜(case)	2800
SBW-D-1000K	1000	1515	85×110×200/3柜(case)	3500
SBW-D-1200K	1200	1818	85×110×200/3柜(case)	4100
SBW-D-1600K	1600	2424	120×120×220/4柜(case)	5560
SBW-D-2000K	2000	3030	130×120×220/4柜(case)	7100



产品型号、规格、尺寸、重量 Product models, specifications, size, weight



SBW-500KVA

型号规格 Types and specifications	额定功率 Rated Capability (kvA)	输出最大电流 Output Max. Current(A)	产品尺寸 Outline(cm)	净重 Weight(kg)
DBW-20K	20	91	65×54×135	278
DBW-30K	30	136	65×54×135	300
DBW-40K	40	182	65×54×135	320
DBW-50K	50	227	80×54×130	350
DBW-60K	60	273	80×54×130	370
DBW-70K	70	318	80×54×130	390
DBW-80K	80	364	80×54×130	420
DBW-100K	100	454	85×62×145	460
DBW-120K	120	545	90×70×170	490
DBW-150K	150	682	90×70×170	515
DBW-180K	180	818	100×80×190	560
DBW-200K	200	909	100×80×190	590

产品型号、规格、尺寸、重量 Product models, specifications, size, weight

型号规格 Types and specifications	额定功率 Rated Capability (kvA)	输出最大电流 Output Max. Current(A)	产品尺寸 Outline(cm)	净重 Weight(kg)
SBW-30K	30	45	80×54×135	240
SBW-50K	50	76	80×54×135	250
SBW-60K	60	91	85×60×150	255
SBW-80K	80	121	100×70×170	357
SBW-100K	100	152	100×70×170	400
SBW-120K	120	182	100×70×170	482
SBW-150K	150	227	100×70×170	500
SBW-180K	180	273	100×70×170	515
SBW-200K	200	303	110×70×180	562
SBW-225K	225	341	110×80×180	670
SBW-250K	250	379	110×80×200	710
SBW-300K	300	455	110×80×200	755
SBW-320K	320	485	110×80×220	810
SBW-400K	400	606	100×80×200/2柜(case)	1175
SBW-500K	500	768	100×80×200/2柜(case)	1510
SBW-600K	600	909	100×80×200/2柜(case)	1790
SBW-800K	800	1212	85×110×200/3柜(case)	2750
SBW-1000K	1000	1515	85×110×200/3柜(case)	2780
SBW-1200K	1200	1818	85×110×200/3柜(case)	4050
SBW-1600K	1600	2424	120×120×220/4柜(case)	5500
SBW-2000K	2000	3030	130×120×220/4柜(case)	7050

1、概述 Summary

SBW-F系列三相分调式全自动补偿电力稳压器，基于三个单相稳压器组成且是SBW系列产品加以改进的稳压器，适合三相电压输入不平衡的电网和电网波动或负载电流变化时，三相输出能自动平衡、保持电压调节平稳且稳压器输出精度高等优点。

SBW-F series three phase sub-adjustable full automatic compensated power voltage regulator, this products is three sets of single phase voltage stabilizer composible and base on SBW series products improvement of voltage stabilizer. Appliant to when input three phase voltage unbalance or power network fluctuation and unbalance load current fluctuation, it can keep output three phase voltage in steady state automatically balance, also can keep stable voltage adjustmet, output-keep high precision ect virtue.

2、使用环境 Working condition

广泛用于邮电、商场、电梯、医院、学校、印刷、纺织、证券等所有需要正常电压保证的场合及大、中型工矿企业车间，部分供电及重要设备和配套。

Widely used in post and telecommunications, department stores, elevators, hospitals, schools, printing securities and other occasions where all needs normal voltage to ensure, such as workshop mines medium enterprises, some of the important equipment and computerpower and support.



SBW-F-150KVA

3、产品性能 The properties of the product

输入电压 Input voltage	单相: 220V ± 20% 或者 220V ± 30% (订货时需要说明) Single Phase: 220V ± 20% or 220V ± 30% (order time make remark) 三相四线: 380V ± 20% 或者 380V ± 30% (订货时需要说明) Three phases Four-line: 380V ± 20% or 380V ± 30% (order time make remark)
输出电压 Output voltage	单相: 220V(相电压) Single phases: 220V(Phase Voltage); 三相: 380V(线电压) Three phases: 380V(Line Voltage);
输出精度 Output deviance	2-5%(可调Adjustable)
频率 Frequency	50Hz/60Hz
效率 Efficiency	≥ 95%(功率等级50kvA上) (Power > 50kvA)
响应速度 Response time	≤ 1.5S
环境温度 Ambient temperatute	-10℃~+40℃
绝缘电阻 Insulation resistance	≥ 5MΩ
过载能力 Overload	二倍额定电流, 维持1分钟 Double rated current, keeping one min
波形失真 Waveform distortion	无附加波形失真 No additional waveform distortion
市电功能 Bypass	人工启动 Byhand
保护功能 Protect	过压、过流, 其它功能另外注明像缺相、相序、浪涌、滤波 Overvoltage, overcurrent, other protect function when make order time need make remark, lack phase, feed phases, sarge, filter ect.



产品型号、规格、尺寸、重量 Product models, specifications, size, weight



SBW-F-800KVA

型号规格 Types and specifications	额定功率 Rated Capability (kvA)	输出最大电流 Output Max. Current(A)	产品尺寸 Outline(cm)	净重 Weight(kg)
SBK-F-30K	30	45	110×85×137	380
SBK-F-50K	50	76	110×85×137	450
SBK-F-75K	75	114	115×90×200	500
SBK-F-100K	100	152	115×90×200	540
SBK-F-120K	120	182	120×100×185	600
SBK-F-150K	150	228	120×100×185	650
SBK-F-180K	180	273	120×100×195	750
SBK-F-200K	200	303	125×100×195	800
SBK-F-225K	225	341	125×100×195	860
SBK-F-250K	250	379	125×100×195	875
SBK-F-300K	300	445	135×100×195	970
SBK-F-320K	320	485	135×100×195	990
SBK-F-350K	350	530	135×100×195	1200
SBK-F-400K	400	606	150×85×200/2 case	1430
SBK-F-450K	450	682	150×85×200/2 case	1600
SBK-F-500K	500	768	150×85×200/2 case	1820
SBK-F-600K	600	909	150×85×200/2 case	2000
SBK-F-800K	800	1212	85×110×200/3 case	2180
SBK-F-1000K	1000	1515	85×110×200/3 case	2370
SBK-F-1200K	1200	1818	85×110×200/3 case	2670
SBK-F-1600K	1600	2424	120×120×220/4 case	3800
SBK-F-2000K	2000	3030	120×120×220/4 case	4800
SBK-F-3000K	3000	4450	120×120×220/4 case	7000

1、概述 Summary

SVC(TND)系列单相高精度全自动交流稳压器，由接触式自耦调压器、伺服式电动机、自动控制电路等组成。当电网电压不稳定或负载变化时，自动采样控制电路发出信号使驱动伺服电机调整自耦调压器碳刷的位置，使输出电压调整到额定值并达到稳定状态。

本产品具有波形不失真、性能可靠、可长期运行等特点，设有延时、过压、欠压等保护功能。可广泛用于任何需要稳定电压的用场所，是一种理想的稳压电源。确保您的用电设备正常运行。

SVC(TND) SERIES single phase high precision full automatic ac voltage regulator composable of contact auto voltage regulator, servo motor, automatic control circuit, etc. When the power network voltage fluctuates or the load varies, automatic sampling control circuit will send signal to drive the servo motor which can adjust the position of carbon brush of auto voltage regulator, then, the output voltage will be adjusted to rated value and get a steady state.

This series voltage stabilizer no wave distortion, reliable performance, working continually for long time besides, it is provided with short time and long time delay and over voltage protection, under voltage protection also can be set according to user requirement. This product is an ideal stabilized voltage supply, widely used in any locations requiring electricity and ensure your power device can run normally.



SVC-500VA



SVC-3000VA

2、产品性能 The properties of the product

输入电压 Input voltage	160V-250V
输出电压 Output voltage	220V ± 3% AND 110V ± 6% (0.5kVA-3kVA) 220V ± 3% (5kVA-30kVA)
频率 Frequency	50Hz/60Hz
调整时间 Response time	< 1秒(输入电压变化10%时) < 1sec.(when input voltage fluctuation of 10%)
效率 Efficiency	> 90%
环境温度 Ambient temperature	-10℃~+40℃
相对湿度 Relative humidity	< 90%
波形失真 Waveform distortion	无附加波形失真 No additional waveform distortion
负载功率因数 Load power factor	0.8
绝缘电阻 Insulation resistance	> 2MΩ

3、产品型号、规格、尺寸、重量 Product models, specifications, size, weight



SVC-15000VA

型号规格 Types and specifications	产品尺寸 Outline(cm) 长(L)×宽(W)×高(H)	净重 Weight(kg)	台装 Qty/package
SVC(TND)-0.5K	19×16×14	4	4
SVC(TND)-1K	21×19×17	5.5	4
SVC(TND)-1.5K	21×19×17	5.8	4
SVC(TND)-2K	29×24×20	10	2
SVC(TND)-3K	29×24×25	12	2
SVC(TND)-5K(台式desk)	36×22×29	15	2
SVC(TND)-7K(台式desk)	36×22×29	16.5	2
SVC(TND)-10K(台式desk)	42×24×36	27	1
SVC(TND)-15K	42×38×76	64	1
SVC(TND)-20K	42×38×76	70	1
SVC(TND)-30K	45×43×87	95	1
SVC(TND)-5K(立式vertical)	32×28×46	17	1
SVC(TND)-10K(立式vertical)	36×28×51	36	1



TNS-30KVA



TNS-60KVA

1、概述 Summary

SVC(TNS)系列三相高精度全自动交流稳压电源, 由单相TND(SVC)系列高精度自动稳压电源组合而成, 三相分相调节, 保证各相电压稳定安全, 电网输入为三相四线制, 星形(Y形)接法, 输出可用三相四线制或三相三线制, 由三只电流表分别指示各相的输出电流, 由一只7位转换开关或者一只按钮开关和一只电压表换挡检测各相输出线电压或者检测AB、BC相。

SVC(TNS) Series three phase high precision full automatic ac voltage stabilizer is composable of SVC(TND) high precision single phase full automatic ac voltage stabilizer, three phase individually sub-adjustable. In sure each phase voltage stabilization and safe. The incoming power of the power network is three phases four wires star shaped(Y)connection. Output power can use three phases four wires or three phase three wire.there is three electric meters to indicate output each phases separately.and via a seven rotary switch & a voltage meter to shift testing each phase output line voltage and phase voltager or via a push-button switch testing output AB,BC voltage.

2、产品性能 The properties of the product

输入电压 Input voltage	Phase voltage 160V-250V Wire voltage 277V-430V
输出电压 Output voltage	Phase voltage 220V Wire voltage 380V
频率 Frequency	50Hz/60Hz
调整时间 Response time	< 1秒(输入电压变化10%时) < 1sec.(when input voltage fluctuation of 10%)
效率 Efficiency	> 90%
环境温度 Ambient temperature	-10℃~+40℃
相对湿度 Relative humidity	< 90%
波形失真 Waveform distortion	无附加波形失真 No additional waveform distortion
负载功率因数 Load power factor	0.8
绝缘电阻 Insulation resistance	≥ 2MΩ

3、产品型号、规格、尺寸、重量 Product models, specifications, size, weight

型号规格 Types and specifications	输出功率 Output power(KVA)	产品尺寸 Outline(cm) 长(L)×宽(W)×高(H)	净重 Weight(kg)
SVC(TNS)-1.5K	1.5	48.5×22.5×17	20
SVC(TNS)-3K	3	48.5×22.5×17	24
SVC(TNS)-4.5K	4.5	48.5×22.5×17	28
SVC(TNS)-6K	6	36×28×68	29
SVC(TNS)-9K	9	38×32×78	43
SVC(TNS)-15K	15	44×36×78	68
SVC(TNS)-20K	20	52×40×86	85
SVC(TNS)-30K	30	49×46×97	91
SVC(TNS)-40K	40	64×57×118	175
SVC(TNS)-50K	50	64×57×118	185
SVC(TNS)-60K	60	64×57×118	196
SVC(TNS)-75K	75	67×55×132	207
SVC(TNS)-100K	100	67×55×132	273

1、概述 Summary

SVC-S(超薄型)单相系列稳压器是SVC(TND)的革新型产品, 其工作原理同SVC(TND)一样, 唯一不同之处体积薄内在性能精良、外型体小巧、型薄质佳、提携方便等显著特点。

SVC-S(Super-thin type)series single-phase voltage stabilize also is developed on the basis of SVC(TND) operational principle same svc(TND) type, only difference is volume thin, it has excellent performance and smart appearance, is a first-class product that is very thin and portable.

2、使用环境 Working condition

办公设备、测试设备、医疗设备、工业自动化设备、家用电器、照明系统、通讯系统。
For office equipment, test equipment, medical equipment, household appliance, lighting system, communication system. Etc.

3、产品性能 The properties of the product

输入电压 Input voltage	160V-250V
输出电压 Output voltage	220V ± 3% AND 110V ± 6%(0.5kVA-3kVA) 220V ± 3%(5kVA)
频率 Frequency	50Hz/60Hz
调整时间 Response time	< 1秒(输入电压变化10%时) < 1sec.(when input voltage fluctuation of 10%)
效率 Efficiency	> 90%
过压保护 Over-voltage protection	246 ± 4V(2k-5k)
环境温度 Ambient temperature	-10℃~+40℃
相对湿度 Relative humidity	≤ 90%
波形失真 Waveform distortion	无附加波形失真 No additional waveform distortion
负载功率因数 Load power factor	0.8
电气强度 Dielectric strength	1500V/min
绝缘电阻 Insulation resistance	> 2MΩ

4、产品型号、规格、尺寸、重量 Product models, specifications, size, weight

型号规格 Types and specifications	产品尺寸 Outline(cm)	包装尺寸 Package Dimension(CM)	重量 N.W/G.W(kg)	集装箱数量 QTY(PCS) 20FT
SVC-S500W	26×20×8	46×32×26/4	3.8/4	2800
SVC-S1000W	27×22×9.5	33×51×30/4	11/11.5	2240
SVC-S1500W	27×22×9.5	33×51×30/4	5.8/6	2240
SVC-S2000W	32×26×17	40×33×23/1	6.2/6.4	934
SVC-S3000W	32×26×17	40×33×23/1	14/14.5	934
SVC-S5000W	43×38×17	51×46×24/1	24/24.5	467



SVC-S500VA



SVC-S1500VA



SVC-S5000VA

1、概述 Summary

JJW系列精密净化交流稳压电源，采用了国际先进的正弦能量分配程式的电源调节技术代表了交流稳压技术的最新发展水平。其电路由正弦能量分配器和大功率滤波器并联组成。具有稳压精度高、动态响应速度快、过载能力强，可靠性好、抗干扰能力强、效率高，可长期连续工作、使用寿命长等优点，是取代614系列电子式稳压器和磁饱和稳压器的理想换代产品。特别适用于电脑网络工程、电子仪器设备、医疗设备、科研单位、测试、测量设备、工厂校验台等设备配套使用。它能提供一个安静无声、安全可靠的良好工作环境。

JJW series precise purifying AC. Power Supply adopts the power regulation technology of sine energy distribution formula, which is advanced in the world and represents the latest development of AC stabilizing technology. Its circuit is composed of sine energy distributor and large power wave filter by parallelling. It has the advantages as high accuracy and large power wave filter by parallelling. High efficiency, successively working for long period and long service time etc., It is an ideal replacement for the 614 series electronic voltage stabilizer and magnetic saturating voltage stabilizer, also it can provide a quiet and reliable working environment.



JJW-2000VA



JJW-15KVA

2、产品性能 The properties of the product

输入电压 Input voltage	180V-250V
输出电压 Output voltage	220V ± 1%
频率 Frequency	50Hz ± 2Hz
调压速度 Response time	≤ ± 0.5%
过压保护电压 Overvoltage protect	246V ± 4
电气强度 Dielectric strength	1500V/min
环境温度 Ambient temperature	-10℃~+40℃
温升 Temperature rise	< 70℃
波形失真 Waveform distortion	< 5%
负载功率因数 Load power factor	0.8
延时时间(长或短)delay time(long or short)	3-5秒(短延时) 3-5ses.(short delay)
使用方式 Use model	可连续使用 Continuance
绝缘电阻 Insulation resistance	> 5MΩ
相对湿度 Relative humidity	< 95%
响应时间 Response time	20ms-100ms(185V-250V)
尖峰吸收 Spike voltage absorption	输入500V-13us输出≤5V Input 500V13 μ SOutput

3、外形尺寸、包装 The shape size, packaging

型号规格 Types and specifications	产品尺寸 Outline(cm)	包装尺寸(cm) Package Size	净重/毛重(kg) N.W/G.W
JJW-1kVA	33×17×27	40×24×35/1	12.5/13
JJW-2kVA	38×18×31	47×25×37/1	19/19.5
JJW-3kVA	41×20×33	52×31×43/1	26/26.5
JJW-5kVA	46×23×37	57×34×48/1	35/36
JJW-10kVA	51×27×47	61×39×56/1	57/63
JJW-15kVA	66×28×47	78×40×58/1	73/85
JJW-20kVA	66×28×47	78×40×58/1	90/102
JJW-30kVA	81×48×59	94×60×70/1	100/114



JSW-9KVA



JSW-30KVA

1、概述 Summary

JSW系列精密净化三相交流稳压电源是由JJW系列单相电源通过“星形”接法组合而成，因此具有单相电源的全部优点，是生产企业、科研单位和医疗卫生领域、各种测试设备、测量设备、电子仪器设备配套的理想稳压电源。广泛应用于计算机、通讯、办公等需要稳压供电的场合。

JSW series precise purifying ac power supply is composed of by JJW series single phase with "starshaped" connection. So it possesses all the advantage of the single phase power supply, it is an ideal regulated power supply for all kinds of test and measurement device, electronic equipments in production enterprise, research institutes, medical and health fields.

2、产品性能 The properties of the product

输入电压 Input voltage	310V-430V
输出电压 Output voltage	380V ± 1%
频率 Frequency	50Hz ± 2Hz
负载效应 Load effect	≤ ± 0.5%
过压保护电压 Overvoltage protect	425V ± 5
电气强度 Dielectric strength	1500V/min
环境温度 Ambient temperature	-10℃~+40℃
温升 Temperature rise	< 70℃
波形失真 Waveform distortion	< 5%
负载功率因数 Load power factor	0.8
延时时间(长或短)delay time(long or short)	3-5秒(短延时) 3-5ses.(short delay)
使用方式 Use model	可连续使用 Continuance
绝缘电阻 Insulation resistance	> 5MΩ
相对湿度 Relative humidity	< 95%
响应时间 Response time	20ms-100ms(185V-250V)
尖峰吸收 Spike voltage absorption	输入500V-13us输出≤5V Input 500V13 μ SOutput

3、产品型号、规格、尺寸、重量 Product models, specifications, size, weight

型号规格 Types and specifications	产品尺寸 Outline(cm)	包装尺寸(cm) Package Size	净重/毛重(kg) N.W/G.W
JSW-3kVA	3kVA	45×34×65	55
JSW-6kVA	6kVA	47×40×85	80
JSW-9kVA	9kVA	47×40×85	105
JSW-15kVA	15kVA	55×44×90	128
JSW-20kVA	20kVA	58×48×98	150
JSW-30kVA	30kVA	58×48×98	180
JSW-50kVA	50kVA	65×70×116	240
JSW-80kVA	80kVA	70×58×130	250
JSW-100kVA	100kVA	70×58×130	380
JSW-125kVA	125kVA	70×58×130	410