

变压器 Transformer

## 单/三相隔离变压器 (BKSC)

Single/Three-phase Isolation transformer

### ■ 产品概述 (Product Introduction)

该类隔离变压器的目的是提供负载和电源侧之间的电隔离，在IT配电系统中，防止电冲击，以保护所连接设备的绝缘损坏，还提供中性点连接形成隔离或接地。通过初次级间与连接的静电屏蔽及加强的绝缘，该类隔离变压器能提供敏感负载的隔离以防止电源系统遭受严峻的大气干扰。另外，利用其铁芯的高频损耗大的特点，从而抑制高频杂波传入控制回路。

The purpose of such isolation transformers is to provide electrical isolation between the load and the power supply, prevent electric shock in the IT distribution system so as to protect the insulation of the device connected from being damaged, and provide neutral point connection for isolation or grounding. Through the shielding between the primary and secondary levels and the static electricity connected as well as reinforced insulation.

### ■ 产品特点 (Product Features)

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--800KVA 之间，单/三相干式隔离变压器，产品参照国外同类产品最新研制开发进口设备用变压器，广泛适用于交流 50/60HZ，输入、输出电压不超过 1000V 的各种供电场合。产品的各种输入、输出，电压高低，联接组别，调节抽头位置，绕组容量分配，次级绕组配备，是否要求带外壳等，均根据用户的要求进行精心的设计与制造。该系列隔离变压器广泛用于地铁、高层建筑、机车、电梯、车站、印刷、机床、码头、工矿企业及隧道的输配电及进口设备的使用等场所。

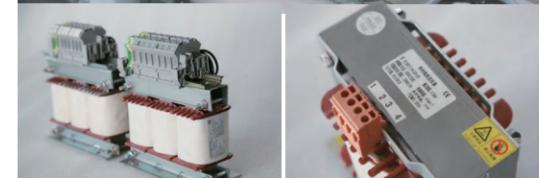
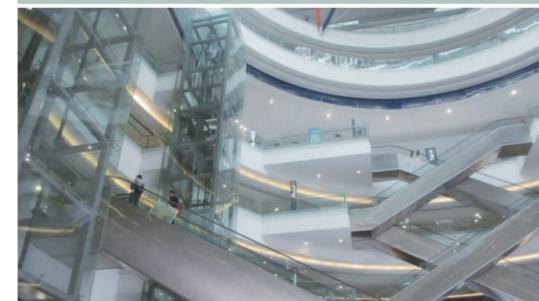
Our company has been using high-quality materials and advanced process technology to professionally produce single/three-phase dry-type isolation transformers between 160VA and 800KVA for many years. The products are based on the latest research and development of imported equipment transformers for similar foreign products, and are widely used in various power supply scenarios with AC 50/60HZ and input and output voltages not exceeding 1000V. The various inputs and outputs, voltage levels, connection groups, tap position adjustment, winding capacity allocation, secondary winding configuration, and whether to require a casing of the product are carefully designed and manufactured according to the user's requirements. This series of isolation transformers is widely used in places such as subways, high-rise buildings, locomotives, elevators, stations, printing, machine tools, docks, industrial and mining enterprises, and tunnels for power transmission and distribution, as well as the use of imported equipment.

### ■ 技术规格 (Technical Specifications)

功率范围 Power Range:	160-800KVA
输入电压 Input Voltage	Rated voltage $\leq 1000V \pm 10\% \Delta/Y$
输出电压 Output Voltage	Rated voltage $\leq 1000V + 5\%(\text{No Load}) \Delta/Y$
效率 Efficiency	$\geq 95\%$
波形失真 Waveform distortion	No additional waveform distortion
功能 Function	With input voltage, output voltage, current indication
保护 protect	Overcurrent protection
绝缘电阻 Insulation resistance	1000VDC insulation resistance value $\geq 100M\Omega$
电气强度 Dielectric strength	Core Coil 3000VAC/50Hz/5mA/10s no electric arcing puncture (factory test)
过载能力 Max Current	2 × Rated current, continuous 60s

海拔高度不超过2000米。  
运行环境温度-25℃~+45℃，相对湿度不超过90%。  
周围无有害气体，无易燃易爆物品。  
周围环境应有良好的通风条件，如装在柜内，应加装通风设备。

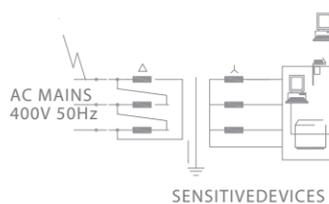
Under seal level 2000m  
Running ambient temperature -25 °C ~ +45 °C, comparative moisture not over 90%.  
There are no harmful gases or flammable or explosive materials around.  
With well-ventilated condition, ventilation devices shall be mounted if installation in panels



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### 典型电路图

(Typical circuit diagram)



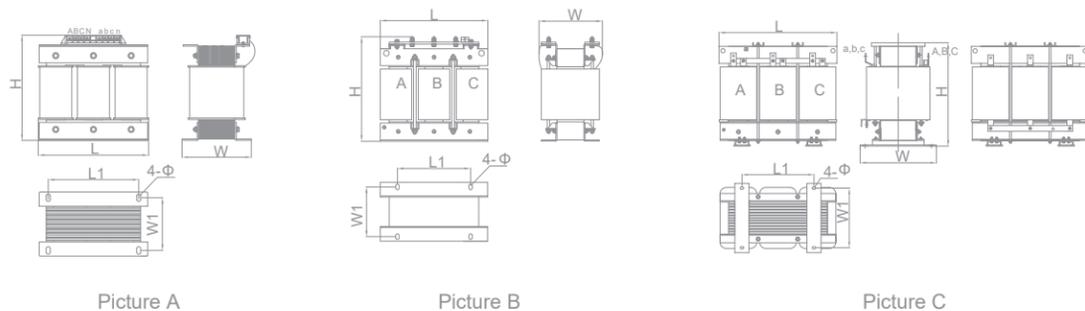
SENSITIVE DEVICES

## ■ 执行标准 (Applicable Standards)

VDE0550、IEC439、JB5555、GB5226

## ■ 产品尺寸图 (Product Size)

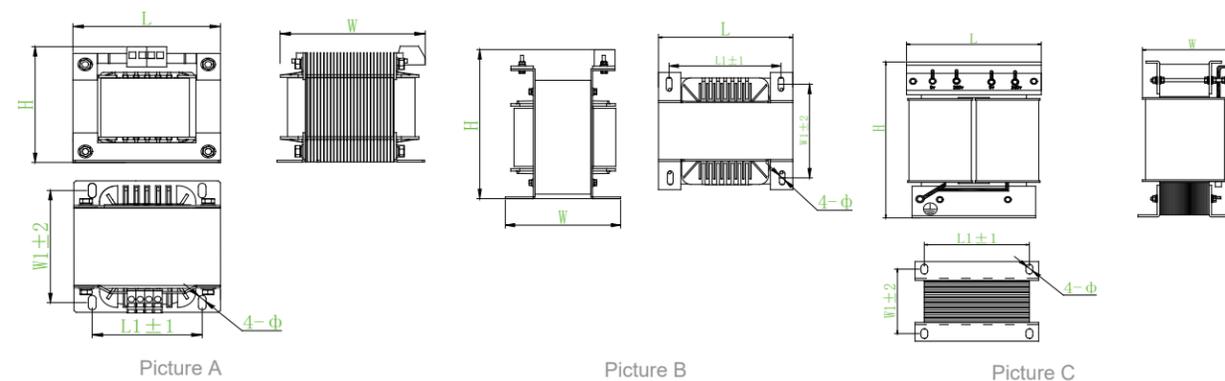
### 三相隔离变压器 (Three-phase Isolation transformer)



型号规格 TYPE	容量(kVA) Capacity	图号 Picture NO.	绝缘等级 Insulation rank	外形尺寸(±5mm) Dimension	安装尺寸(±2mm) Installation	安装孔(mm) Mounting holes	
				L*W*H	L1*W1	4-Φ	
BKSC-0.5K	0.5	图 A Picture A	F, H	150*185*205	100*90	8.5*14	
BKSC-1.0K	1.0		185*250*270	200*90	11*18		
BKSC-1.5K	1.5		195*250*270	200*110	11*18		
BKSC-2.0K	2.0		205*250*270	200*120	11*18		
BKSC-3.0K	3.0		175*300*310	240*120	11*18		
BKSC-4.0K	4.0		200*300*310	240*120	11*18		
BKSC-5.0K	5.0		210*300*310	240*140	11*18		
BKSC-6.0K	6.0		240*300*310	240*170	11*18		
BKSC-8.0K	8.0		240*300*310	240*170	11*18		
BKSA-10K	10		图 B Picture B	F, H	250*360*380	300*172	11*18
BKSA-15K	15	260*460*510		260*144	15*25		
BKSA-20K	20	290*460*510		260*154	15*25		
BKSA-30K	30	320*460*510		260*174	15*25		
BKSA-50K	50	340*460*550		260*230	15*25		
BKSA-70K	70	420*700*680		520*250	15*25		
BKSA-80K	80	图 C Picture C		F, H	420*700*680	520*250	15*25
BKSA-90K	90			480*850*820	570*250	15*25	
BKSA-100K	100			480*850*820	570*250	15*25	

备注：其他规格尺寸，可根据用户要求制造。 Remark: Dimension can be customization

### 单相隔离变压器 (Single-phase Isolation transformer)



型号规格 TYPE	容量(kVA) Capacity	图号 Picture NO.	绝缘等级 Insulation rank	外形尺寸(±5mm) Dimension	安装孔(±2mm) Mounting holes	安装孔(mm) Mounting holes
				L*W*H	L1*W1	4-Φ
BKDC-0.088K	0.088	图 A Picture A	F, H	106*85*72	90*-	5*8
BKDC-0.15K	0.15		88*110*90	71.5*78	6*8	
BKDC-0.2K	0.2		100*115*120	80*105	6.5*11	
BKDC-0.3K	0.3		125*130*150	100*84	8*11	
BKDC-0.5K	0.5		125*115*125	85*93	6.5*11	
BKDC-0.63K	0.63		155*135*147	120*105	7*14	
BKDC-0.7K	0.7		155*135*147	120*105	7*14	
BKDC-0.8K	0.8		155*135*147	120*105	7*14	
BKDC-1.0K	1.0		152*140*145	120*120	7*14	
BKDC-1.5K	1.5		152*170*145	120*140	7*14	
BKDC-2.0K	2.0	图 B Picture B	F, H	195*195*180	155*155	10*20
BKDC-3.0K	3.0		195*200*180	155*165	10*20	
BKDC-4.0K	4.0		243*210*260	200*166	10*25	
BKDC-5.0K	5.0		243*210*260	200*166	10*25	
BKDC-6.0K	6.0	图 C Picture C	F, H	300*290*400	200*160	11*18
BKDC-8.0K	8.0		300*290*400	200*160	11*18	
BKDC-10K	10		300*290*400	200*160	11*18	

备注：其他规格尺寸，可根据用户要求制造。 Remark: Dimension can be customization

## ■ 成品识别码 (Product Identification Code)

BKSA	-	10K	-	660	-	380
BK:隔离变压器 Isolation transformer		容量 Capacity		初级电压 Input Voltage		初级电压 Output Voltage
S: D=Single Phase S=Three Phase						
C: C=Copper A:Aluminium						

## 自耦变压器 (BYSC) Autotransformer

### 产品概述 (Product Introduction)

自耦变压器用于交流50HZ额定电压308V。功率11~315(KW)三相鼠笼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。

The autotransformers are used for AC 50HZ at rated voltage 308V. The infrequent partial voltage starting of the three-phase squirrel-cage induction motor of power of between 11 and 315 (KW) is to minimize the impact of the motor on the transmission network at the time of startup.

### 产品特点 (Product Features)

采用F, H级为基础的绝缘系统, 在自耦变压器的整个使用寿命期都保持极佳的电气性能和机械性能, F, H级材料不易老化, 耐收缩和抗压缩, 加上弹力特强, 因此可以确保变压器使用数年后任保持结构紧密, 并却能够承受短路的压力, 自耦变压器整体由H级浸渍漆在真空压力下浸渍(VPI), 然后再烘箱里高温固化。

It adopts F and H-grade insulation system, and maintains splendid electrical and mechanical performance throughout the life of the autotransformer. The F and H-grade materials are anti-aging, anti-shrinkage and anti-compression with particularly strong elasticity, thus ensuring the compact structure of the transformer after several years of use and the capability to the pressure of short-circuit. The entire autotransformer is macerated in Class H maceration paint under vacuum pressure (VPI), and is cured at high temperature in oven.

### 技术规格 (Technical Specifications)

功率范围 Power Range:	160-800KVA
输入电压 Input Voltage	Rated voltage $\leq 1000V \pm 10\% \Delta/Y$
输出电压 Output Voltage	Rated voltage $\leq 1000V + 5\%$ (No Load) $\Delta/Y$
效率 Efficiency	$\geq 95\%$
波形失真 Waveform distortion	No additional waveform distortion
功能 Function	With input voltage, output voltage, current indication
保护 protect	Overcurrent protection
绝缘电阻 Insulation resistance	1000VDC insulation resistance value $\geq 100M\Omega$
电气强度 Dielectric strength	Core Coil 3000VAC/50Hz/5mA/10s no electric arcing puncture (factory test)
过载能力 Max Current	2 x Rated current, continuous 60s

海拔高度不超过2000米。  
运行环境温度-25℃~+45℃, 相对湿度不超过90%。  
周围无有害气体, 无易燃易爆物品。  
周围环境应有良好的通风条件, 如装在柜内, 应加装通风设备。

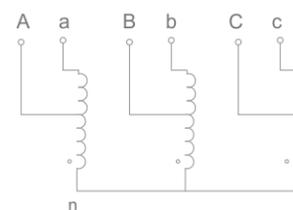
Under seal level 2000m  
Running ambient temperature -25 °C ~ +45 °C, comparative moisture not over 90%.  
hazardous gas, no inflammables and explosives  
With well-ventilated condition, ventilation devices shall be mounted if installation in panels

### 成品识别码 (Product Identification Code)

BYDA	10K	660	380
BK:隔离变压器 Isolation transformer S: D=Single Phase S=Three Phase C: Copper A: Aluminium	容量 Capacity	初级电压 Input Voltage	初级电压 Output Voltage



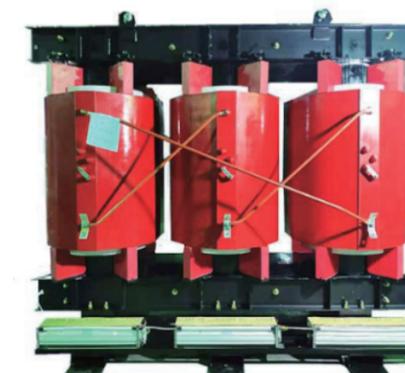
典型电路图  
(Typical circuit diagram)



整流变压器  
Rectifier transformer



逆变输出变压器  
Inverter transformer



升压变压器  
Isolating transformer



移向变压器  
Move to the transformer



变频调速用干式整流变压器  
Dry-type rectifier transformer for frequency conversion speed regulation



隔离变压器  
Isolating transformer

## SGC系列低压三相干式变压器外壳

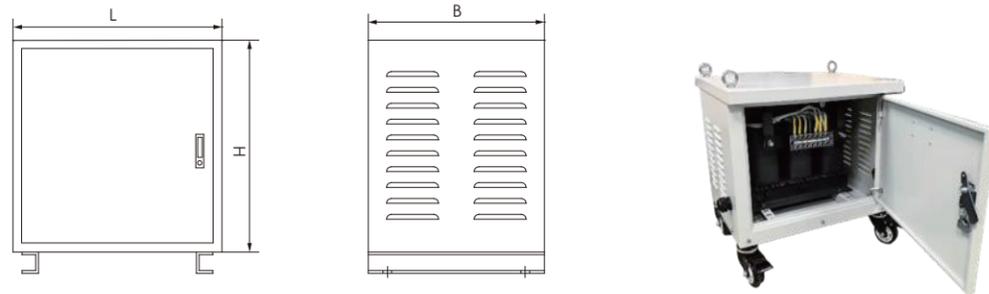
SGC series low-voltage three phase dry-type transformer shell

### 产品概述 (Product Introduction)

SGC系列变压器的外壳主要用于保护变压器内部的绕组、铁芯以及其他电气元件，确保其在各种环境条件下安全稳定运行。

The shell of SGC series transformer is mainly used to protect the windings, iron cores and other electrical components inside the transformer to ensure its safe and stable operation under various environmental conditions.

### 外形及安装尺寸 (Appearance and installing size)



### 技术数据 (Technical data)

型号 Model	容量 Capacity KVA	外形尺寸 Outline size		
		L	B	H
SGC-2.5KVA	2.5	300	240	280
SGC-3KVA	3	300	240	280
SGC-4KVA	4	390	280	320
SGC-5KVA	5	390	280	320
SGC-6KVA	6	390	280	320
SGC-8KVA	8	500	380	500
SGC-10KVA	10	500	380	500
SGC-12KVA	12	500	380	500
SGC-15KVA	15	500	380	500
SGC-20KVA	20	600	420	580
SGC-25KVA	25	600	420	580
SGC-30KVA	30	600	420	580
SGC-40KVA	40	600	420	580
SGC-45KVA	45	740	500	720
SGC-50KVA	50	740	500	720
SGC-60KVA	60	740	500	720
SGC-80KVA	80	840	530	720
SGC-100KVA	100	840	530	720

### 成品识别码 (Product Identification Code)

SGS — 容量 (VA)  
低电压三相干式变压器外壳  
low-voltage three phase dry-type transformer shell  
Capacity (VA)

## JBK3系列变压器

JBK3 series transformer

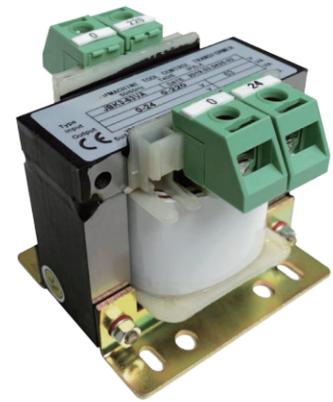
### 产品概述 (Product Introduction)

JBK3系列变压器适用于交流50/60Hz，输出额定电压不超过220V，输入额定电压不超过500V，作为各行各业的机械设备，一般电器的控制电源和工作照明、信号灯的电源之用。

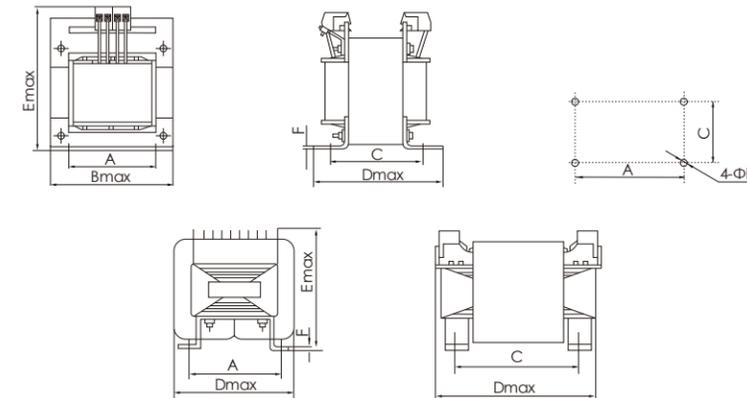
JBK3 series transformer is applicable to AC 50/60hz, with the rated output voltage not exceeding 220V and the rated input voltage not exceeding 500V. It is used as the control power supply of mechanical equipment in all walks of life, general electrical appliances and working lighting and signal lamps.

### 技术数据 (Technical data)

型号 Model	长 B Length	宽 D width	高 E height	安装孔距 Hole distance A	安装孔距 Hole distance C	安装孔距 Hole distance K	F max
JBK3-40、63	78	72	89	56±0.4	51±2	4.8	2
JBK3-100	84	85	94	64±0.4	66±2	4.8	2
JBK3-160	96	92	109	84±0.4	73±2	5.8	2
JBK3-250	96	105	109	84±0.4	87±2	5.8	2
JBK3-400	120	109	123	90±0.4	90±2	7	2.5
JBK3-630	150	112	150	122±0.5	90±2	6	2.5
JBK3-1000	160	195	151	130±2	152±2	7	3
JBK3-1600	170	225	163	144±2	176±2	7	3
JBK3-2500	200	250	171	170±2	200±2	7	4



### 外形及安装尺寸 (Appearance and installing size)



### 成品识别码 (Product Identification Code)

JB — 容量 (VA)  
变压器  
transformer  
Capacity (VA)

— K3 — 控制  
control

— / — 热带产品代号  
Tropical product code

湿热带TH 干热带TA  
Hot and humid belt TH Dry tropical TA

# JBK5系列变压器

## JBK5 series transformer

### 产品概述 (Product Introduction)

JBK5系列变压器是我公司引进德国90年代中期最新型变压器系列，在国内JBK3系列变压器基础上，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，使防护等级提高到IP2LX，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。

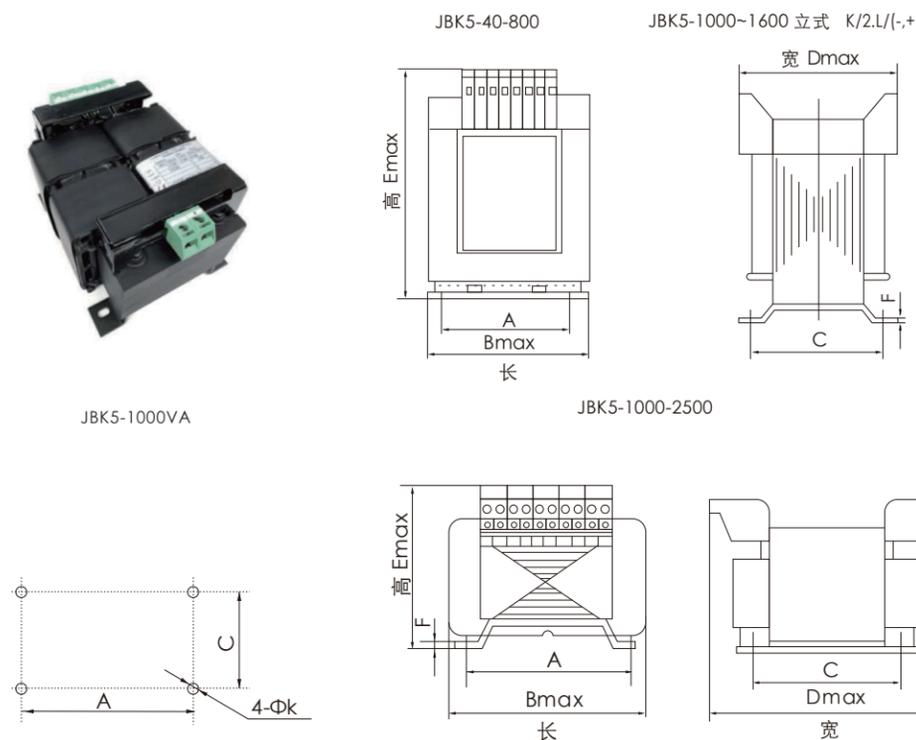
Adopting technology of Siemens company, we design and manufacture JSG series three phase transformer with voltage between 160VA and 16KVA. The figure and installation size have been standardized and can be used together with 4AP series of Siemens.

### 产品特点 (Product Features)

- 1) 引进德国技术。
- 2) 最高防护等级达到IP2LX，可偶尔停止接触电路。
- 3) 采用冷压连接端子，提高连接强度。
- 4) 采用优质防腐材料，大大提高接地可靠性。
- 5) 用于输入电压500V以下，输出电压220V，频率50/60Hz的机器。
- 6) 符合VDE0550、IEC204-1、IEC439、JB5555、GB5226并经CE认证。

- 1) Bring in technology of Germany.
- 2) Maximum protection grade reach IP2LX, can stop touch circuit occasionally.
- 3) Adopt cold-pressure connection terminal which can improve connection intensity.
- 4) Adopt excellent corrode-proof material, which greatly improve the reliability of earth connection.
- 5) Used for machine with input voltage less than 500V, output voltage 220V and frequency 50/60Hz.
- 6) Comply with VDE0550, IEC204-1, IEC439, JB5555, GB5226 and certificated by CE.

### 外形及安装尺寸 (Appearance and installing size)



### 技术数据 (Technical data)

型号 Model	长 B Length	宽 D width	高 E height	安装孔距 Hole distance A	安装孔距 Hole distance C	安装孔径 Hole distance K	F max	备注 Remarks
JBK5-40	78	72	90	56±0.15	46±0.125	4.6	1.5	
JBK5-63	78	72	90	56±0.15	46±0.125	4.6	1.5	
JBK5-100	84	75	96	64±0.15	62±0.15	4.6	1.5	
JBK5-160	96	92	105	84±0.175	73.5±0.15	5.5	1.5	
JBK5-250	96	100	104	84±0.175	85±0.175	5.8	1.5	
JBK5-400	120	100	122	90±0.175	85±0.175	5.8	2	
JBK5-500	120	110	122	90±0.175	96±0.175	5.8	2	
JBK5-630	150	110	140	122±0.2	90±0.175	7	2	
JBK5-800	150	128	142	122±0.2	105±0.2	7	2	
JBK5-1000	150	190	142	130±0.2	152±0.2	7	3	卧式 Horizontal
JBK5-1000	168	125	155	138±0.2	105±0.2	9	2	立式 Vertical
JBK5-1600	170	225	153	144±0.2	176±0.2	7	3	卧式 Horizontal
JBK5-1600	168	138	155	138±0.2	116±0.2	7	2	立式 Vertical
JBK5-2500	194	250	170	170±0.2	200±0.23	7	4	卧式 Horizontal
JBK5-2500	228	200	230	190±1.0	126±1.0	10	4	立式 Vertical
JBK5-3000	194	250	190	170±0.2	200±0.23	7	4	卧式 Horizontal
JBK5-3000	228	210	230	190±1.0	146±1.0	10	4	立式 Vertical
JBK5-4000	194	250	200	170±0.2	200±0.23	7	4	卧式 Horizontal
JBK5-4000	228	240	230	190±1.0	146±1.0	10	4	立式 Vertical
JBK5-5000	220	286	215	208±0.5	240±0.5	9	4	卧式 Horizontal
JBK5-5000	240	225	240	200±1.0	152±1.0	10	4	立式 Vertical
JBK5-6000	220	286	215	208±0.5	240±0.5	9	4	卧式 Horizontal
JBK5-6000	240	240	240	200±1.0	162±1.0	10	4	立式 Vertical
JBK5-7000	220	286	250	208±0.5	240±0.5	9	4	卧式 Horizontal
JBK5-7000	240	240	260	200±0.5	165±0.5	12	4	立式 Vertical
JBK5-8000	270	310	320	225±0.5	205±0.5	12	4	立式 Vertical
JBK5-10000	270	310	320	225±0.5	205±0.5	12	4	立式 Vertical
JBK5-15KVA	330	270	480	290	150	14	5	立式 Vertical
JBK5-20KVA	330	300	480	290	180	14	5	立式 Vertical
JBK5-30KVA	330	320	480	290	200	14	5	立式 Vertical
JBK5-40KVA	330	320	480	290	300	14	5	立式 Vertical
JBK5-50KVA	440	320	600	380	210	14	7	立式 Vertical
JBK5-60KVA	440	320	600	380	210	14	7	立式 Vertical

\* 此产品需在订货时备注卧式或立式。

\*This product should be noted horizontal or vertical when ordering.

型号 Model	额定容量 Rated capacity (VA)	效率 Efficiency (%)	负载下的输出电压 Load output voltage		空载下的输出电压 Unload output voltage		额定输入 电压(V) Rated input voltage	额定输出 电压(V) Rated output voltage	备注 Remarks
			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	$6 \geq U_m > 5$ $12 \geq U_m > 10$	95%-105% UH	6或12	1.1Um	AC380 $\pm 5\%$	AC220 (127) 110 控制 control	
JBK5-63	63								
JBK5-100	100								
JBK5-160	160								
JBK5-250	250								
JBK5-400	400								
JBK5-630	630								
JBK5-800	800								
JBK5-1000	1000								
JBK5-1600	1600	90							
JBK5-2500	2500								
JBK5-3000	3000		$12.8 \geq U_m > 9.6$ $13.5 \geq U_m > 10$						
JBK5-4000	4000	90	$15.2 \geq U_m 11$				0-380或 0-220 不带 $\pm 5\%$	12 6 信 signal	
JBK5-5000	5000								
JBK5-6000	6000								
JBK5-7000	7000								
JBK5-8000	8000								
JBK5-10000	10000								
JBK5-15KVA	15000								
JBK5-20KVA	20000								
JBK5-30KVA	30000								
JBK5-40KVA	40000								
JBK5-50KVA	50000								
JBK5-60KVA	60000								

#### 成品识别码 (Product Identification Code)

JB	-	K5	-	■	/	■
变压器 transformer		控制 control		容量 (VA) Capacity (VA)		热带产品代号 Tropical product code
						湿热带TH 干热带TA Hot and humid Dry tropical TA belt TH

## JBK6系列变压器

### JBK6 series transformer

#### 产品概述 (Product Introduction)

JBK6系列变压器是我公司引进国外最新型变压器系列，在JBK5变压器的基础上，开发出新一代变压器JBK6变压器外形、安装尺寸、使用场合与JBK5变压器等同。

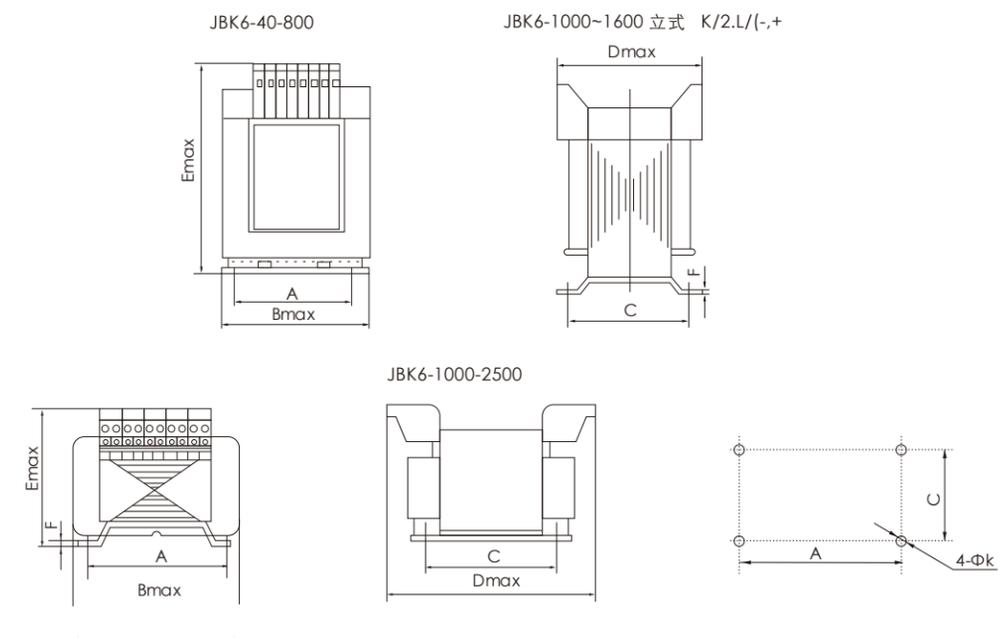
Jbk6 series transformer is the latest transformer series introduced by our company from abroad. On the basis of JBK5 transformer, a new generation of transformer jbk6 transformer has been developed. Its shape, installation dimension and application occasion are the same as JBK5 transformer.

#### 产品特点 (Product Features)

- 1、接线螺丝比JBK5大，接线更方便，更牢固；
- 2、在用户要求下，可带短路与热保护装置，使用更可靠；
- 3、变压器采用真空浸漆工艺，绝缘材料采用国外进口材料，绝缘性能更稳定。

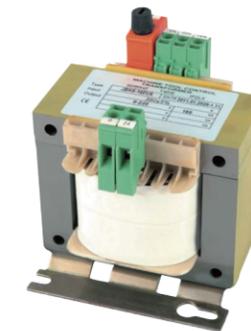
1. The terminal screw is bigger than JBK5 which make it more convenient to connect.
2. It has short-circuit and heat protection and is more reliable.
3. Adopts technology of vacuum painting and imported insulation material, which make its ability more steady.

#### 外形及安装尺寸 (Appearance and installing size)



#### 成品识别码 (Product Identification Code)

JB	-	K6	-	■	/	■
变压器 transformer		控制 control		容量 (VA) Capacity (VA)		热带产品代号 Tropical product code
						湿热带TH 干热带TA Hot and humid Dry tropical TA belt TH



## ■ 技术数据 (Technical data)

型号 Model	长 B max	宽 D max	高 E max	安装孔距 Hole distance A	安装孔距 Hole distance C	安装孔距 Hole distance K	F max	备注 Remarks
JBK6-40/63	78	72	90	56±0.15	46±0.125	4.6	1.5	
JBK6-100	84	75	96	64±0.15	62±0.15	4.6	1.5	
JBK6-160	96	92	105	84±0.175	73.5±0.15	5.5	1.5	
JBK6-250	96	100	104	84±0.175	85±0.175	5.8	1.5	
JBK6-400	120	100	122	90±0.175	85±0.175	5.8	2	
JBK6-500	120	110	122	90±0.175	96±0.175	5.8	2	
JBK6-630	150	110	140	122±0.2	90±0.175	7	2	
JBK6-800	150	128	142	122±0.2	105±0.2	7	2	
JBK6-1000	150	190	142	130±0.2	152±0.2	7	3	卧式 Horizontal
JBK6-1000	168	125	155	138±0.2	105±0.2	9	2	立式 Vertical
JBK6-1600	170	225	153	148±0.2	176±0.2	7	3	卧式 Horizontal
JBK6-1600	168	138	155	138±0.2	116±0.2	7	2	立式 Vertical
JBK6-2500	194	250	170	170±0.2	200±0.23	7	4	卧式 Horizontal

\* 此产品需在订货时备注卧式或立式。

\*This product should be noted horizontal or vertical when ordering.

型号 Model	额定容量 (VA) Rated capacity	效率 Efficiency (%)	负载下的输出电压 Load output voltage		空载下的输出电压 Unload output voltage		额定输入 电压 (V) Rated input voltage	额定输出 电压 (V) Rated output voltage	备注 Remarks
			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	40	80	6 ≥ Um > 5 12 ≥ Um > 10	95%-105% UH	6或12	1.1Um	AC220 ±5%	AC220 (127) 110	控制 control The distribution of every winding capacity can be made according to user's demand
JBK6-63	63								
JBK6-100	100								
JBK6-160	160	85	6 ≥ Um > 5 12 ≥ Um > 10	95%-105% UH	6或12	1.1Um	AC220 ±5%	48 35 24	照明 或 控制 light or control
JBK6-250	250								
JBK6-400	400								
JBK6-630	630	90	6 ≥ Um > 4.5 12 ≥ Um > 9	95%-105% UH	6或12	1.1Um	AC220 ±5%	12 6	信号 signal
JBK6-800	800								
JBK6-1000	1000								
JBK6-1600	1600								
JBK6-2500	2500								

## JBK7系列 变压器

### JBK7 series transformer

#### ■ 产品概述 (Product Introduction)

JBK7系列变压器,是我公司在JBK5变压器的基础上,开发出的一款“贵”族式变压器。JBK7的外形尺寸、安装尺寸与JBK5相同,而在选材上,更精选时下性能优异的材料,将变压器的绝缘等级提高到了F级,其空载性能,负载性能都优于JBK5系列产品,是一款当之无愧的节能环保产品。

Jbk7 series transformer is a "expensive" family transformer developed by our company on the basis of JBK5 transformer. The overall dimensions and installation dimensions of jbk7 are the same as those of JBK5. In terms of material selection, more materials with excellent current performance are selected, which improves the insulation level of transformer to level F. its no-load performance and load performance are better than those of JBK5 series products. It is a well deserved energy-saving and environmental protection product.



#### ■ 产品特点 (Product Features)

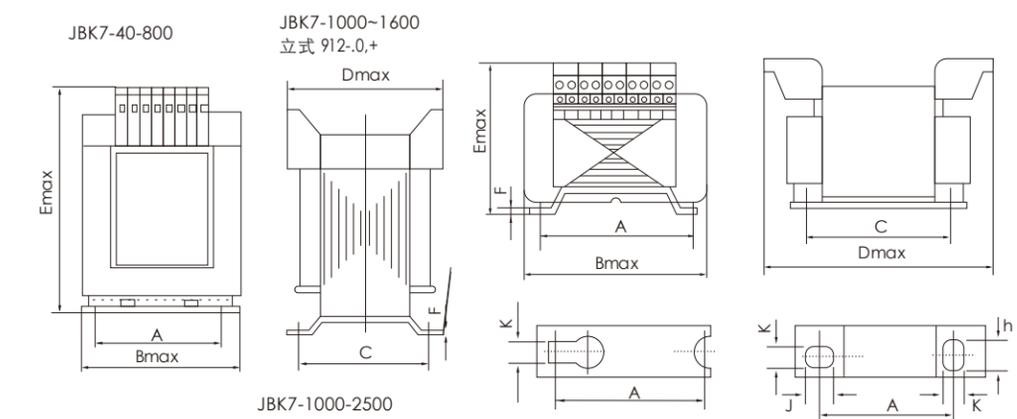
- 1、接线端子增加了插拔式的快速连接功能;
- 2、在客户要求时,可带短路与热保护装置,使用更安全可靠;
- 3、采用整台浸漆工艺,绝缘等级F级,提高了产品防潮,防霉,防盐雾的能力,可使用在干热带,湿热带等恶劣环境当中。

1. The connection terminal adds plug-in quick connection function;
2. When required by customers, it can be equipped with short circuit and thermal protection devices, which is safer and more reliable;
3. The whole impregnation process is adopted, and the insulation grade is f, which improves the ability of the product to prevent moisture, mold and salt fog. It can be used in dry tropical, humid and hot zones and other harsh environments.

#### ■ 成品识别码 (Product Identification Code)



#### ■ 外形及安装尺寸 (Appearance and installing size)



### ■ 技术数据 (Technical data)

型号 Model	长 B max	宽 D max	高 E max	安装孔距 Hole distance A	安装孔距 Hole distance C	安装孔距 Hole distance K	F max	备注 Remarks
JBK7-40/63	78	72	90	56±0.5	46±0.5	4.6	1.5	
JBK7-100	84	75	96	64±0.5	62±0.5	4.6	1.5	
JBK7-160	96	92	105	84±0.5	73.5±0.5	5.5	1.5	
JBK7-250	96	100	105	84±0.5	85±0.5	5.8	1.5	
JBK7-300	96	107	105	84±0.5	85±0.5	5.8	2	
JBK7-400	120	100	122	90±0.5	85±0.5	5.8	2	
JBK7-630	150	110	140	122±0.5	90±0.5	7	2	
JBK7-800	150	128	142	122±0.5	105±0.5	7	2	
JBK7-1000	150	190	142	130±0.2	152±0.2	7×12	3	卧式 Horizontal
JBK7-1000	168	138	155	138±0.5	105±0.5	9×15	2	立式 Vertical
JBK7-1600	170	225	153	144±0.2	176±0.2	7×12	3	卧式 Horizontal
JBK7-1600	168	138	155	138±0.2	116±0.2	7×15	2	立式 Vertical
JBK7-2500	194	250	170	170.5±0.2	200±0.23	7×12	4	卧式 Horizontal

\* 此产品需在订货时备注卧式或立式。 \*This product should be noted horizontal or vertical when ordering.

型号 Model	额定容量 (VA) Rated capacity	效率 Efficiency (%)	负载下的输出电压 Load output voltage		空载下的输出电压 Unload output voltage		额定输入 电压(V) Rated input voltage	额定输出 电压(V) Rated output voltage	备注 Remarks
			信号绕组(%) signal winding	控制绕组(%) control winding	信号绕组(%) signal winding	控制绕组(%) control winding			
JBK7-40	40	85					AC220 AC380 ±5%	控制 (127) 110	各绕组容量分配可按照用户要求制造
JBK7-63	63								
JBK7-100	100								
JBK7-160	160	90	6≥Um>5 12≥Um>10	95%-105% UH	6或12	1.1Um	AC220 ±5%	照明 或 控制 light or control	The distribution of every winding capacity can be made according to user's demand
JBK7-250	250								
JBK7-400	400								
JBK7-630	630								
JBK7-800	800	94	6≥Um>4.5 12≥Um>9				AC220 ±5%	信号 12 6	
JBK7-1000	1000								
JBK7-1600	1600								
JBK7-2500	2500								



单相直流变压器  
Single phase DC transformer



环形变压器  
Ring transformer



三相直流变压器  
Three phase DC transformer



SG三相变压器  
SG three phase transformer



JSG三相变压器  
JSG three phase transformer



环形灌封变压器  
Ring encapsulated transformer