

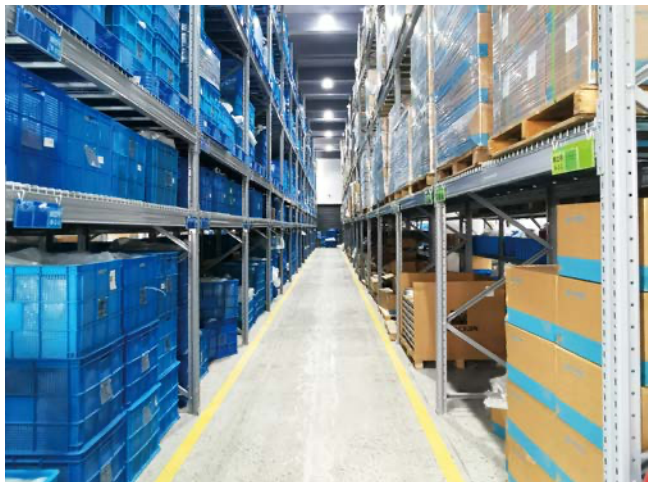
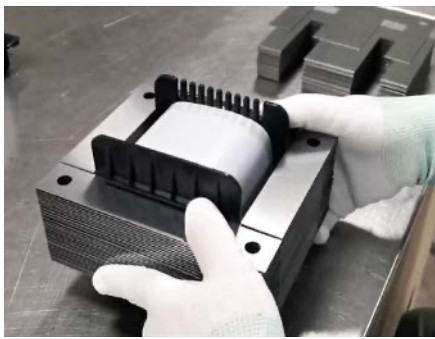


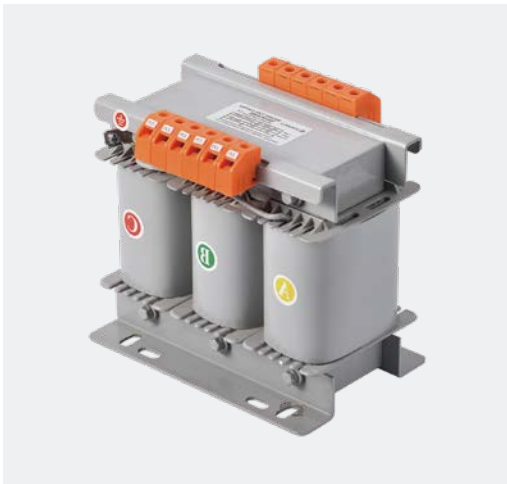
LINKWELL<sup>®</sup>  
ELECTRIC



# TRANSFORMER SERIES

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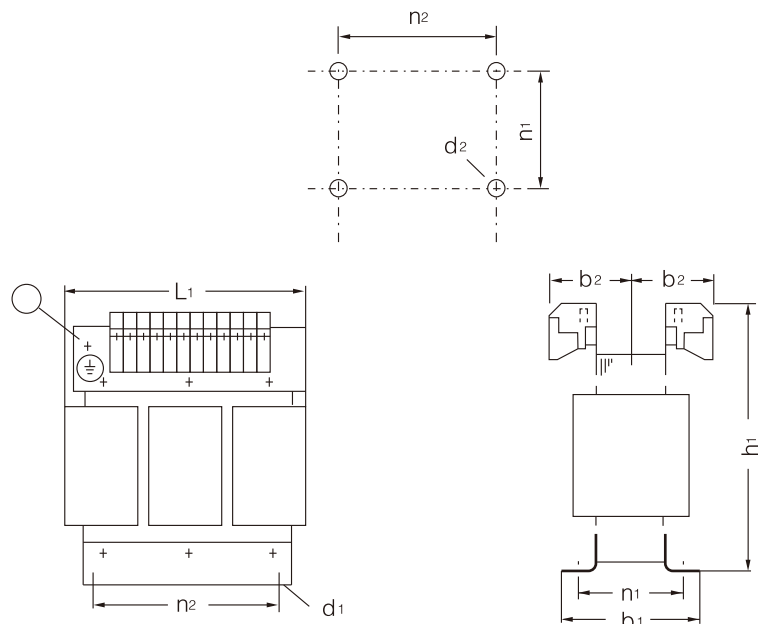


JAdopting technology of siemens company, design and manufacture JSG series three phase transformer by LINKWELL, with voltage between 160VA and 16KVA. The figure and installation thersize have be standardized and can be used together with 4AP series of Siemens, product comply with VDE0550、 IEC439、 JB5555、 GB5226 and other International and national standards.

JSG series transformer used for equipment with input and output voltage less than 500V and frequency 50/60Hz.

Various inputs of the product, the output voltage level, the connection group, the number of adjustment taps and position (generally  $\pm 5\%$ ), the distribution of winding capacity, the arrangement of secondary single-phase windings, the use of rectifier circuits, whether to require The outer casing and the like can be carefully designed and manufactured according to the requirements of the user.

■ Outline and mounting dimensions

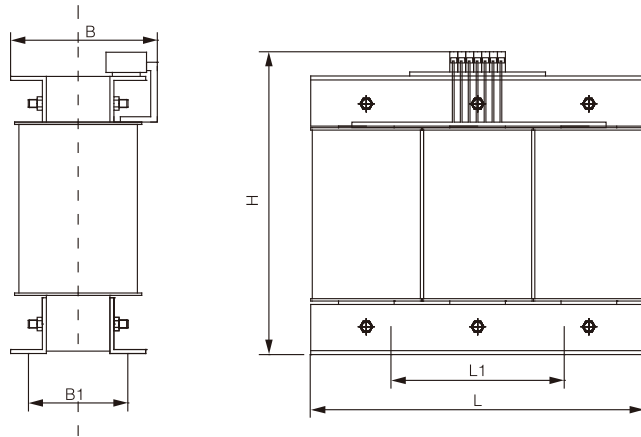


Model No.	Capacity KVA	b1 max	b2 max	d1	d2	h1 max	L1 max	n1	n2
<b>JSG-0.16</b>	0.16	64	50	5×8	M4	140	122	49	90
<b>JSG-0.25</b>	0.25	67	48	6×12	M5	162	156	49	113
<b>JSG-0.4</b>	0.4	82	56	6×12	M5	162	156	64	113
<b>JSG-0.63</b>	0.63	76	51	7.4×13	M6	187	181	56	136
<b>JSG-1</b>	1	97	61	7.4×13	M6	187	181	76	136
<b>JSG-1.6</b>	1.6	115	98	7.4×13	M6	214	229	94	170
<b>JSG-2.5</b>	2.5	133	102	10×18	M8	241	264	101	200
<b>JSG-4</b>	4.0	148	104	10×18	M8	250	270	118	224
<b>JSG-6.3</b>	6.3	155	129	10×18	M8	330	360	130	260
<b>JSG-8</b>	8	170	134	12×20	M10	330	360	140	260
<b>JSG-10</b>	10	170	134	12×20	M10	330	360	150	260



SG series low-voltage three-phase dry-type transformers are widely used in industrial and mining enterprises, CNC machine tools, machining centers, various types of machinery, power plants, airports and other places with high safety and fire protection requirements, for conversion power, lighting electrical, power supply, rectifier power supply .

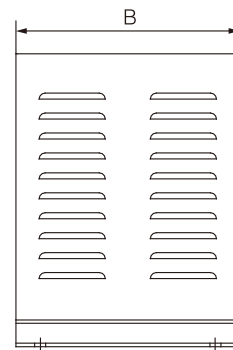
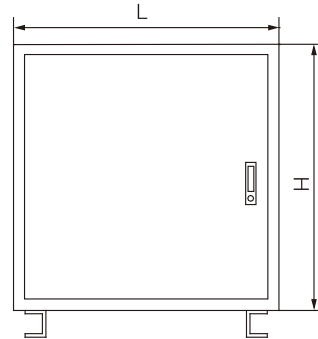
■ Outline and mounting dimensions



Model No.	Capacity (KVA)	Input voltage(V)	Connection group	Outline size			Installation size		Hole radius	
				L	B	H	L1	B1		
SG-2.5	2.5	660	△ or Y	270	180	260	200	120	8.5	
SG-3	3			270	190	260	200	120	8.5	
SG-4	4			300	190	290	220	120	8.5	
SG-5	5			300	210	290	220	130	8.5	
SG-6	6			300	220	290	260	140	8.5	
SG-7	7			360	200	330	260	130	8.5	
SG-8	8			360	210	330	260	140	8.5	
SG-10	10			360	220	330	260	150	12.5	
SG-12	12			360	230	330	260	160	12.5	
SG-15	15			420	280	420	319	170	12.5	
SG-20	20			420	280	420	319	180	12.5	
SG-25	25			380	420	300	420	319	190	12.5
SG-30	30				480	270	450	360	220	12.5
SG-40	40				540	300	450	360	250	12.5
SG-45	45				600	300	560	450	250	12.5
SG-50	50				600	350	560	450	220	12.5
SG-60	60	600	350		560	450	220	15		
SG-80	80	660	380		660	550	250	15		
SG-100	100	660	380		660	550	250	15		



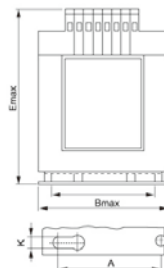
■ Outline and mounting dimensions



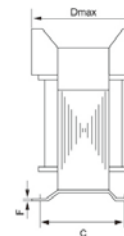
Model No.	Capacity (KVA)	Outline size		
		L	B	H
<b>SGC-2.5KVA</b>	2.5	300	240	280
<b>SGC-3KVA</b>	3	300	240	280
<b>SGC-4KVA</b>	4	390	280	320
<b>SGC-5KVA</b>	5	390	280	320
<b>SGC-6KVA</b>	6	390	280	320
<b>SGC-8KVA</b>	8	500	350	450
<b>SGC-10KVA</b>	10	500	350	450
<b>SGC-12KVA</b>	12	500	350	450
<b>SGC-15KVA</b>	15	500	350	450
<b>SGC-20KVA</b>	20	600	420	520
<b>SGC-25KVA</b>	25	600	420	520
<b>SGC-30KVA</b>	30	600	420	520
<b>SGC-40KVA</b>	40	600	420	520
<b>SGC-45KVA</b>	45	740	500	650
<b>SGC-50KVA</b>	50	740	500	650
<b>SGC-60KVA</b>	60	740	500	650
<b>SGC-80KVA</b>	80	840	530	650
<b>SGC-100KVA</b>	100	840	530	650



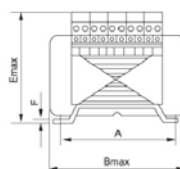
### ■ Outline and mounting dimensions



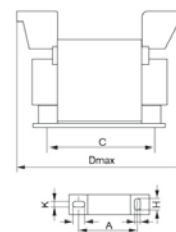
JBK5-40~800



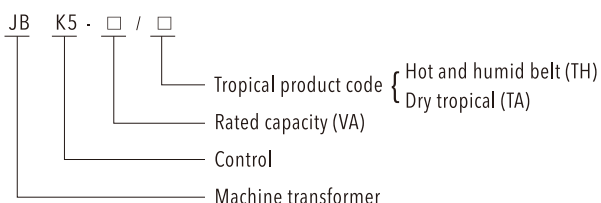
JBK5-1000~1600



JBK5-1000~2500



### ■ Model and its meaning



Model No.	Rated volume (VA)	Efficiency(%)	Voltage of output under load		Voltage of output unloaded		Rated input voltage (V)	Rated Output voltage (V)	Remarks				
			Signal winding (%)	Control winding (%)	Signal winding (%)	Control winding (%)							
JBK5-40	40	80	6 ≥ Um > 5 12 ≥ Um > 10	95%-105% UH	6或12	1.1Um	AC380 ±5%	AC220 (127) 110 Control	The distribution of every winding capacity can be made according to user's demand				
JBK5-63	63												
JBK5-100	100												
JBK5-160	160	85											
JBK5-250	250												
JBK5-400	400												
JBK5-630	630	90											
JBK5-800	800												
JBK5-1000	1000												
JBK5-1600	1600	90						12.8 ≥ Um > 9.6 13.5 ≥ Um > 10		6或12	1.1Um	AC220 ±5%	48 35 24 Light or Control
JBK5-2500	2500												
JBK5-3000	3000												
JBK5-4000	4000	90	15.2 ≥ Um 11	6或12	1.1Um	0-380或 0-220 不带 ±5%	12 6 Signal						
JBK5-5000	5000												
JBK5-6000	6000												
JBK5-7000	7000												
JBK5-8000	8000												
JBK5-10000	10000												
JBK5-15KVA	15000	90	15.2 ≥ Um 11	6或12	1.1Um	0-380或 0-220 不带 ±5%	12 6 Signal						
JBK5-20KVA	20000												
JBK5-30KVA	30000												
JBK5-40KVA	40000												
JBK5-50KVA	50000	90	15.2 ≥ Um 11	6或12	1.1Um	0-380或 0-220 不带 ±5%	12 6 Signal						
JBK5-60KVA	60000												

Model No.	B max	D max	E max	Installation hole spacing A	Installation hole spacing C	Installation hole K	F max	Remarks
JBK5-40、63	78	77	90	58±1	47±1	4.6	1.2	
JBK5-100	84	93	94	64±1	62±1	4.6	1.2	
JBK5-160	96	93	107	82±1	73.5±1	5.5	1.5	
JBK5-250	96	107	108	80±1	85±1	5.8	1.5	
JBK5-400	120	102	124	94±1	85±1	7	2	
JBK5-500	120	115	124	94±1	91±1	7	2	
JBK5-630	150	114	144	123±1	91±1	7	2	
JBK5-800	150	124	144	126±1	104±1	7	2	
JBK5-1000	155	205	133	133±1	152±1	8.2	2.5	Horizontal
JBK5-1000	168	134	153	138±1	109±1	7.5	2.5	Vertical
JBK5-1600	170	225	144	144±1	175±1	8.2	3	Horizontal
JBK5-1600	168	147	146	138±1	122±1	7.5	2.5	Vertical
JBK5-2500	200	250	160	170±1	200±1	9	4	Horizontal
JBK5-2500	180	165	180	151±1	131±1	8	4	Vertical
JBK5-3000	200	250	180	170±1	200±1	9	4	Horizontal
JBK5-3000	180	165	180	151±1	131±1	8	4	Vertical(L)
JBK5-3000	228	185	215	190±1	150±1	9.8	5	Vertical(S)
JBK5-4000	200	250	180	170±1	200±1	9	4	Horizontal
JBK5-4000	228	185	215	190±1	150±1	9.8	5	Vertical
JBK5-5000	244	355	215	240±1	247±1	10.5	4	Horizontal
JBK5-5000	228	185	215	190±1	150±1	9.8	5	Vertical
JBK5-6000	244	355	215	240±1	247±1	10.5	4	Horizontal
JBK5-6000	240	220	235	201±1	180±1	9.8	5	Vertical
JBK5-7000	240	220	320	250±1	180±1	9.8	5	Vertical
JBK5-8000	300	240	320	250±1	180±1	12	5	Vertical
JBK5-10000	300	240	320	250±1	180±1	12	5	Vertical

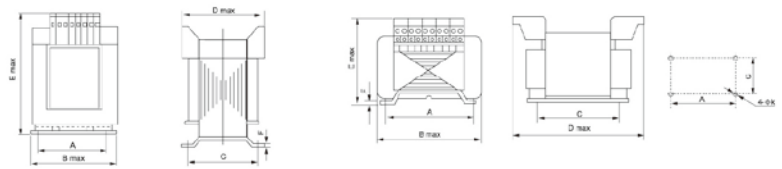
Model No.	Rated volume (VA)	Efficiency (%)	Voltage of output under load		Voltage of output unloaded		Rated input voltage (V)	Rated Output voltage (V)	Remarks
			Signal winding (%)	Control winding (%)	Signal winding (%)	Control winding (%)			
JBK5-40	40	80	$6 \geq U_m > 5$ $12 \geq U_m > 10$	95-105% UH	6 or 12	1.1Um	AC380 ±5%	AC220 } (127) } 110 } Control	The distribution of every winding capacity can be made according to user's demand
JBK5-63	63								
JBK5-100	100								
JBK5-160	160								
JBK5-250	250								
JBK5-400	400	85							
JBK5-630	630								
JBK5-800	800								
JBK5-1000	1000								
JBK5-1600	1600								
JBK5-2500	2500	90	$6 \geq U_m > 4.5$ $12 \geq U_m > 9$				AC220 ±5%	48 } 35 } 24 } Light or Control	
JBK5-3000	3000								
JBK5-4000	4000								
JBK5-5000	5000								
JBK5-6000	6000								
JBK5-7000	7000	96	$15.2 \geq U_m > 11$				0-380或 0-220不带 ±5%	12 } 6 } Signal	
JBK5-8000	8000								
JBK5-10000	10000								



Series JBK6 machine controlling transformer is our company introduces the series of the foreign latest transformer by LINKWELL, on the basis of the JBK5 controlling transformer, develop the new generation transformer, JBK6 transformer's , appearance size, installation size, and the occasion of using are same as JBK5 transformer, besides JBK5 transformer's advantage, JBK6 transformer has the following characteristic:

1. The terminal screw is bigger than JBK5, it is more convenient and firmer to wire.
2. With shortcut and hot protector, it is more reliable to use.
3. The transformer adopts the craft of vacuum soak painting, the insulating material import from foreign country, insulating ability is more steady.

■ Outline and mounting dimensions



JBK6-40~800

JBK6-1000~1600 Vertical

JBK6-1000~2500

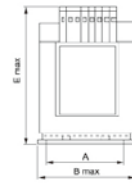
Model No.	B max	D max	E max	Installation hole spacing A	Installation hole spacing C	Installation hole K	F max	Remarks
JBK6-40、63	78	72	90	56±0.15	46±0.125	4.6	1.5	
JBK6-100	85	75	96	64±0.15	62±0.15	4.6	1.5	
JBK6-160	96	92	105	84±0.175	73.5±0.15	5.5	1.5	
JBK6-250	96	100	104	84±0.175	85±0.175	5.8	1.5	
JBK6-400	120	100	122	90±0.175	85±0.175	5.8	2	
JBK6-630	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	126±0.2	155±0.2	7	3	Horizontal
JBK6-1000	168	125	155	105±0.2	138±0.2	9	2	Vertical
JBK6-1600	170	225	153	140±0.2	176±0.2	7	3	Horizontal
JBK6-1600	168	138	155	116±0.2	138±0.2	9	2	Vertical
JBK6-2500	194	160	165	172±0.2	195±0.23	7	4	Horizontal

Model No.	Rated volume (VA)	Efficiency (%)	Voltage of output under load		Voltage of output unloaded		Rated input voltage (V)	Rated Output voltage (V)	Remarks
			Signal winding (%)	Control winding (%)	Signal winding (%)	Control winding (%)			
JBK6-40	40	80	6≥Um>5 12≥Um>10	95-105% UH	6 or 12	1.1Um	AC380 ±5%	AC220 (127) 110 } 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 or 12	1.1Um	AC380 ±5%	48 } 35 } 24 } Light or Control	
JBK6-250	250								
JBK6-400	400								
JBK6-630	630	90	6≥Um>4.5 12≥Um>9	95-105% UH	6 or 12	1.1Um	AC220 ±5%	12 } 6 } Signal	
JBK6-800	800								
JBK6-1000	1000								
JBK6-1600	1600								
JBK6-2500	2500								

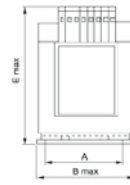




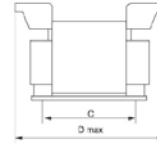
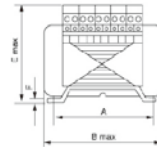
■ Outline and mounting dimensions



LBK6-40~800



LBK6-1000~1600 Vertical



LBK6-1000~2500

Model No.	B max	D max	E max	Installation hole spacing A	Installation hole spacing C	Installation hole K	F max	Remarks
LBK6-40、63	78	72	90	56±0.15	46±0.125	4.6	1.5	
LBK6-100	85	75	96	64±0.15	62±0.15	4.6	1.5	
LBK6-160	96	92	105	84±0.175	73.5±0.15	5.5	1.5	
LBK6-250	96	100	104	84±0.175	85±0.175	5.8	1.5	
LBK6-400	120	100	122	90±0.175	85±0.175	5.8	2	
LBK6-630	150	110	140	122±0.2	90±0.175	7	2	
LBK6-800	150	128	142	122±0.2	105±0.2	7	2	
LBK6-1000	150	190	142	126±0.2	155±0.2	7	3	Horizontal
LBK6-1000	168	125	155	105±0.2	138±0.2	9	2	Vertical
LBK6-1600	170	225	153	140±0.2	176±0.2	7	3	Horizontal
LBK6-1600	168	138	155	116±0.2	138±0.2	9	2	Vertical
LBK6-2500	194	160	165	172±0.2	195±0.23	7	4	Horizontal

Model No.	Rated volume (VA)	Efficiency (%)	Voltage of output under load		Voltage of output unloaded		Rated input voltage (V)	Rated Output voltage (V)	Remarks
			Signal winding (%)	Control winding (%)	Signal winding (%)	Control winding (%)			
LBK6-40	40	80	6≥Um>5 12≥Um>10	95-105% UH	6 or 12	1.1Um	AC380 ±5%	AC220 (127) } Control 110 } 48 } 35 } 24 } Light or Control	The distribution of every winding capacity can be made according to user's demand
LBK6-63	63								
LBK6-100	100								
LBK6-160	160	85	6≥Um>5 12≥Um>10	95-105% UH	6 or 12	1.1Um	AC380 ±5%	12 } Signal	
LBK6-250	250								
LBK6-400	400								
LBK6-630	630	90	6≥Um>4.5 12≥Um>9	95-105% UH	6 or 12	1.1Um	AC220 ±5%	6 } Signal	
LBK6-800	800								
LBK6-1000	1000								
LBK6-1600	1600								
LBK6-2500	2500								