



Russia



## JBK6 Series Control Transformer

### 1. General

1.1 Application: JBK6 series control transformers are suitable for AC circuit of 50Hz/60Hz, used as control sources for machine tools and industrial mechanical equipment, and used as power supplies for electronic equipment, work lighting and signal lamps.

1.2 Standards: IEC/EN 61558.

### 2. Type Designation



### 3. Operation conditions

3.1 Temperature:  $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$ , the average value within 24 hours should not exceed  $+35^{\circ}\text{C}$ . If the lower limit is  $-10^{\circ}\text{C}$  or  $-25^{\circ}\text{C}$ , please give declaration to us.

3.2 Altitude:  $\leq 2000\text{m}$ ;

3.3 Relative humidity  $\leq 90\%$ , when the average lower limit value within the month is under  $+25^{\circ}\text{C}$ ;  $\leq 50\%$  when the temperature is  $+40^{\circ}\text{C}$ . And when lower temperature; the humidity could be relatively higher.

### 4. Structure features

This series transformer is the successor of other control transformers, is made of imported material and advanced technique, with advantages of reliable operation, low dissipation of energy, compact volume, safe wiring, wide applicability, etc.

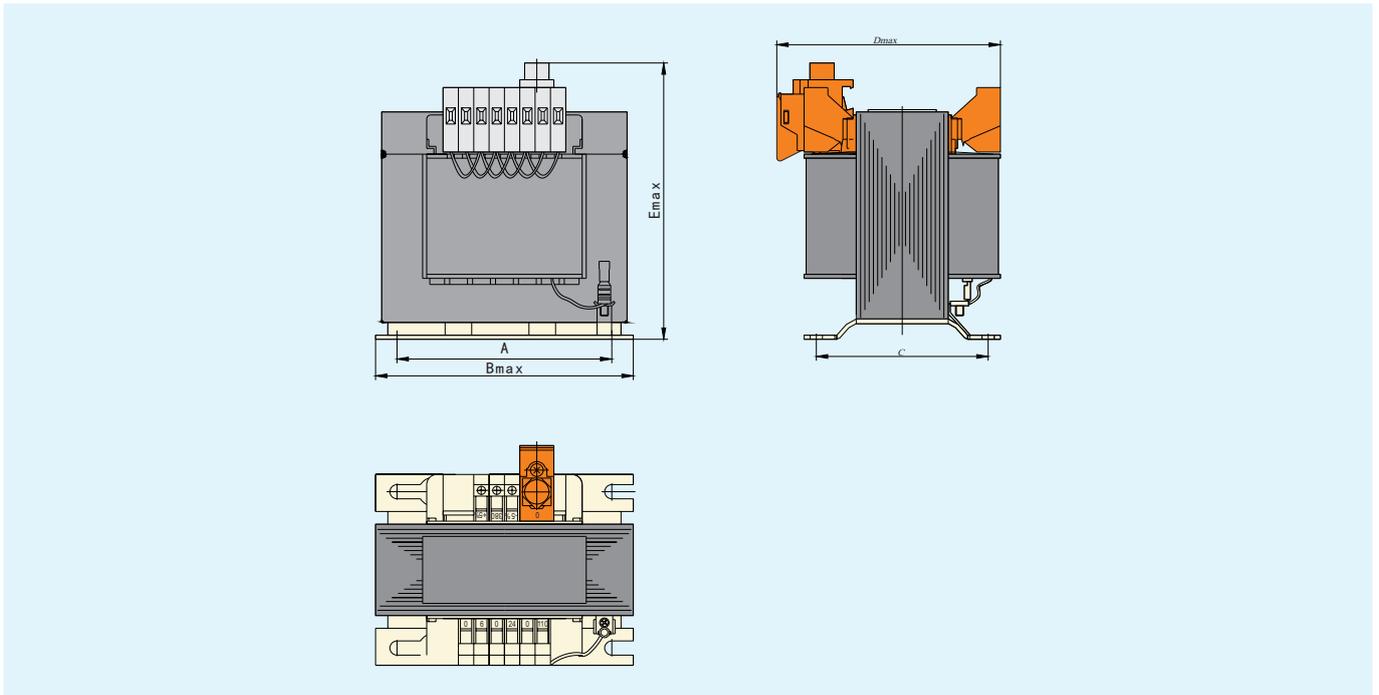
We always adopt gas argon arc welding for the connection among iron cores and between iron core and clamping piece (mounting piece) of JBK6 series control transformers (40~630VA), which enable the product to be an entirety, so that the structure is more reasonable and reliable. The mounting piece adopts technique of casting at a time, The earthing lugs are made of high quality corrosion protection alloy material, which sharply improves the reliability of grounding. with advantages of reliable operation, low dissipation of energy, compact volume, safe wiring, wide applicability, etc.

This series control transformers are embedded with overheat protector (automatic reset) in the coil, and equipped with over-current protection connection terminal at input end, and the end of overheat protector and over-current protection connection terminal are connected to the connection end of input side of transformer winding in series. Consequently, this series control transformer has functions of over-current protection and overheat protection.

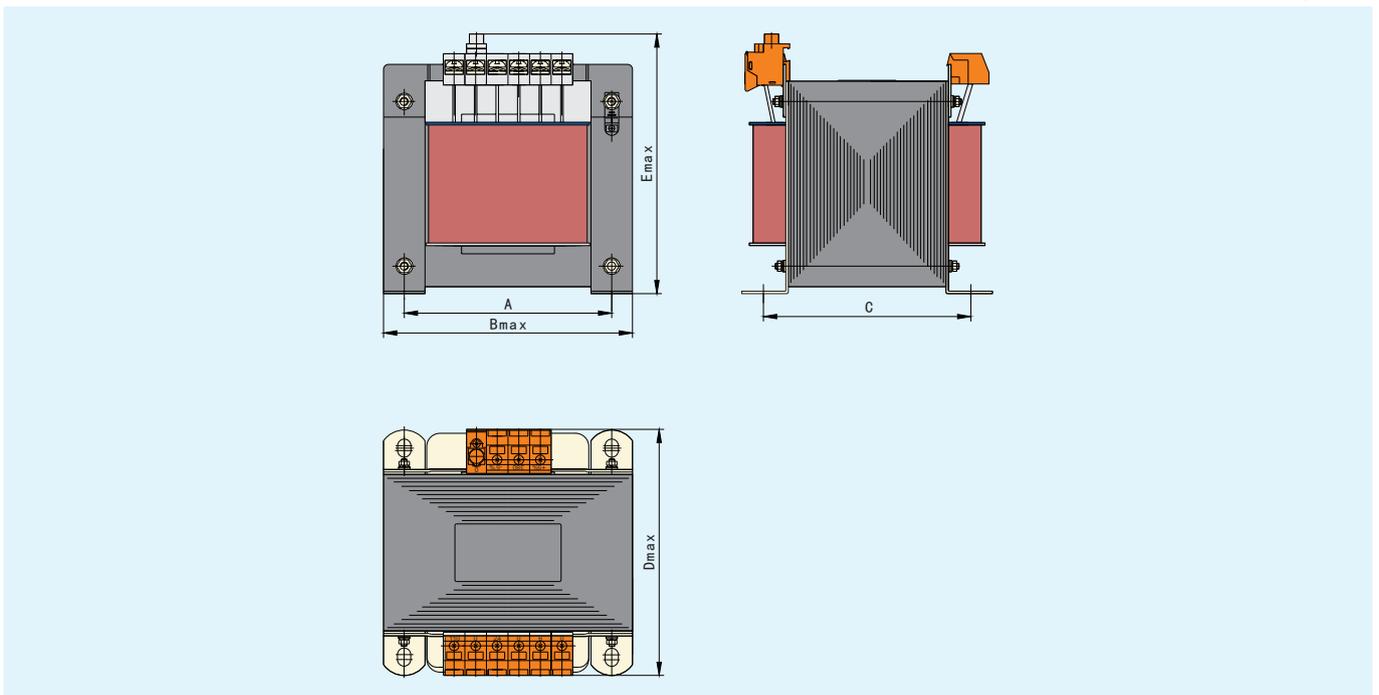


5. Overall and mounting dimensions

JBK6-40~630 type



JBK6-1000~3000 type



Dimension (mm) Capacity (VA)	Item	Overall dimension (mm)			Mounting dimension (mm)		Mounting hole (mm)
		B max	D max	E max	A	C	K
	JBK6-40	79	78	97	66	46	4.8
	JBK6-63	79	78	97	66	46	4.8
	JBK6-100	85	94	102	72	62	4.8
	JBK6-160	97	96	110	84	73.5	5.8
	JBK6-250	97	110	110	84	85	5.8
	JBK6-400	122	108	127	100	85	7
	JBK6-630	152	116	148	130	90	7
	JBK6-1000	152	165	168	125	123	8×11
	JBK6-1600	194	155	200	160	116	8×11
	JBK6-2500	194	200	200	160	160	8×11
	JBK6-3000	194	200	200	160	160	8×11