

## JBK5 Machine Tool Control Transformer

### Sphere of application

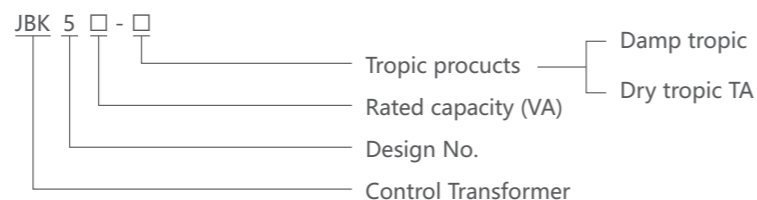


JBK5 series machine tool control transformer is the latest Transformers series that is introduced from a German company. Based on the domestic JBK3 series machine tool control transformers, JBK5 series absorb similar foreign products, advanced methods of terminal structure to connect terminal with the skeleton, improve protection rating and prevent accidental touching circuit. JBK5 series uses domestic IT cold terminal blocks to increase wiring connection intensity.

For transformer 800VA and below, 1000VA, 1600VA, the connections of vertical structure between the silicon steel and silicon steel, between silicon steel and plates both adopt the bottom gas-shielded arc welding to form a whole. It is clear and simple, especially the bottom one-time molding. The installation dimensions are more accurate than the JBK3 series, and the use of high-quality anti-corrosion alloy greatly improves the reliability of grounding performance and product quality. The products comply with VDE0550, IEC204 1, IEC439, JB/T5555, GB5226 and other relevant international, national standards, and won the European Community "CE" certification. It can be used interchangeably with foreign products.

JBK5 series machine tool control transformer for AC 50~60Hz, input voltage less than 500V, the output rated voltage not exceeding 220V, is used in the industries of mechanical equipment, general electrical control power and work lights power use.

### Type designation

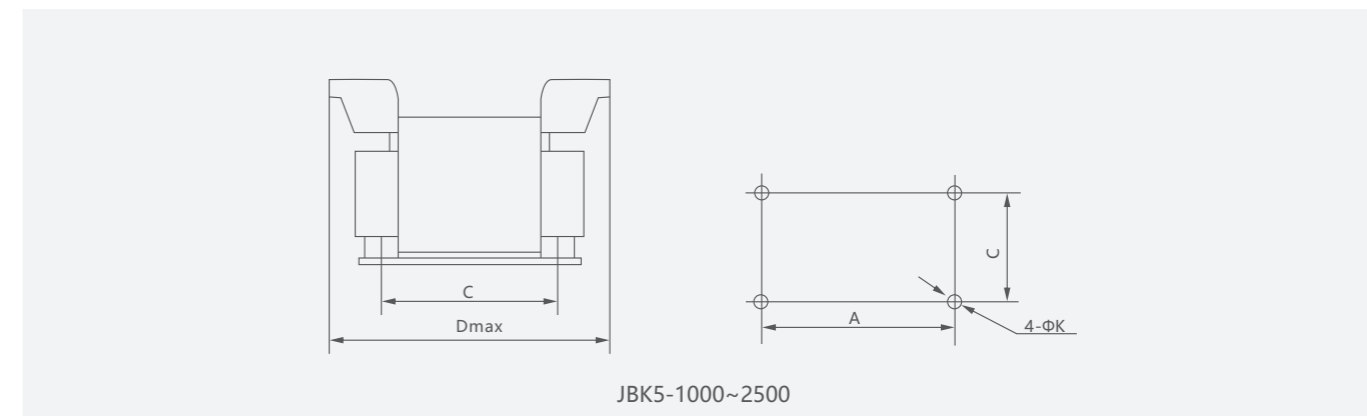
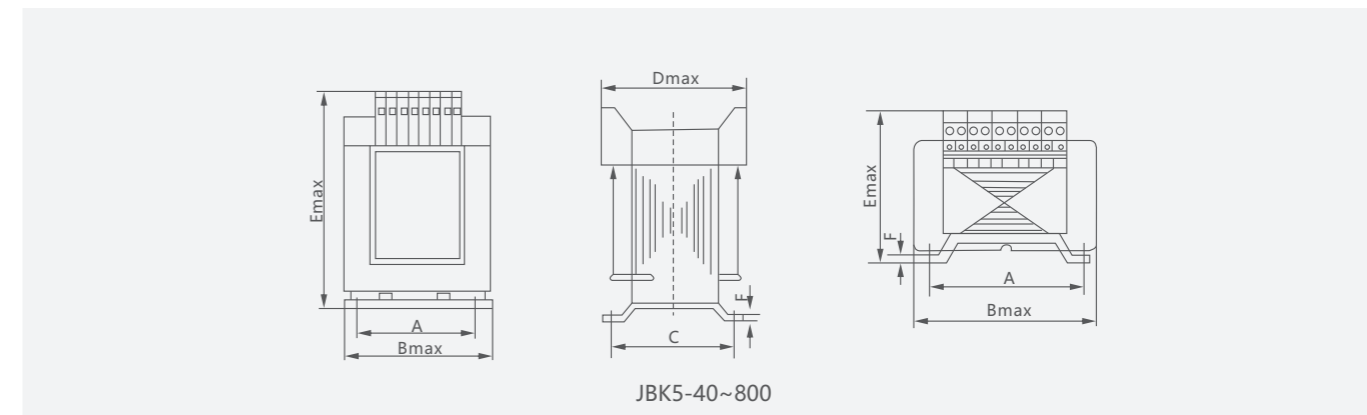


### Technical parameters

Model	Capacity (VA)	Power (%)	Output voltage under loading		Rated input voltage(V)	Rated output voltage(V)		
			signal winding	control winding			signal winding	control winding
JBK5-40	40	80	6 ≥ U <sub>m</sub> > 5 12 ≥ U <sub>m</sub> > 10	95%~105% UH	6 or 12	1.1Um	AC380 ±5%	AC220 (127) 110 48 36 24 12 6
JBK5-60	63	80						
JBK5-100	100	80						
JBK5-160	160	85						
JBK5-250	250	85						
JBK5-400	400	85						
JBK5-630	630	85						
JBK5-800	800	90						
JBK5-1000	1000	90						
JBK5-1600	1600	90						
JBK5-2500	2500	90						

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### Shape and mounting dimension



Model	Mounting dimension		Shape dimension				Installing hole
	A	C	Bmax	Dmax	Emax	Fmax	K
JBK5-40	56±0.5	46±0.5	78	74	86	1.2	4.6
JBK5-63	56±0.5	46±0.5	78	74	86	1.2	4.6
JBK5-100	64±0.5	62±0.5	85	77	93	1.5	5.5
JBK5-160	84±0.5	73.5±0.5	96	94	103	1.5	5.8
JBK5-250	84±0.5	85±0.5	96	102	103	1.5	5.8
JBK5-400	90±0.5	85±0.5	120	102	123	2	5.8
JBK5-630	122±0.5	90±0.5	150	112	145	2	7
JBK5-800	122±0.5	105±0.5	150	132	145	2	7
JBK5-1000	127.5±0.5	152±0.2	155	207	145	3	7
JBK5-1600	140±0.5	176±0.2	180	232	160	3	7
JBK5-2500	173±0.5	200±0.23	205	262	175	4	7