

# BK Machine Tool Control Transformer

## Application

BK series machine tool control transformer is suitable for circuit of 50-60Hz, voltage up to 500V, usually applied as power supply for machine tool electrical appliances, local lighting and indicator lamps.

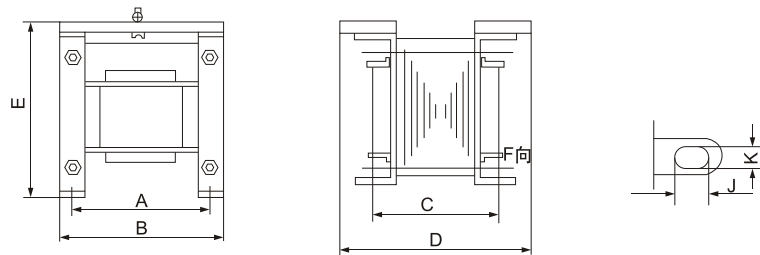
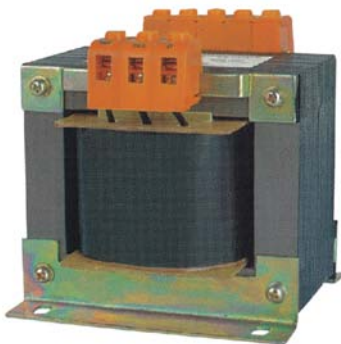
## Structure character

According different structures, BK transformer belongs to shell type, and according to the installation mode, it belong to vertical type.

## Working environment

1. Ambient air temperature: -5-40°C, the average of 24 hours not exceed +30°C
2. Altitude for installing place should not exceed 2000m.
3. When the ambient air temperature is +40°C, the relative humidity should not exceed 50%, and it allows higher relative humidity under lower temperature. Max average humidity in the dampest month is 90%, meanwhile the lowest average temperature of this month is +25°C, and condensation on the product surface caused by temperature change should be taken into consideration.

## Outline and installation dimension



Type	Overall size(mm)			installation size(mm)		Installation hole	
	Bmax	Dmax	Emax	A ± 0.4	C ± 1.5	K	J
BK-25	76	80	77	65	50	5	7
BK-50	87	94	87	70	60	6	8
BK-100	108	95	101	85	65	6	8
BK-150	108	100	101	85	75	6	8
BK-200	108	107	101	85	80	6	8
BK-250	120	120	125	90	95	8	11
BK-300	120	125	125	90	100	8	11
BK-400	135	140	140	110	100	8	11
BK-500	135	145	140	110	105	8	11
BK-800	155	150	160	125	119	8	11
BK-1000	155	160	160	125	130	8	11
BK-1500	180	220	180	143	150	8	11
BK-2000	180	240	180	143	175	8	11
BK-2500	210	230	240	185	175	8	11
BK-3000	210	245	240	185	190	8	11
BK-4000	250	250	280	195	170	8	11
BK-5000	250	265	280	195	195	8	11