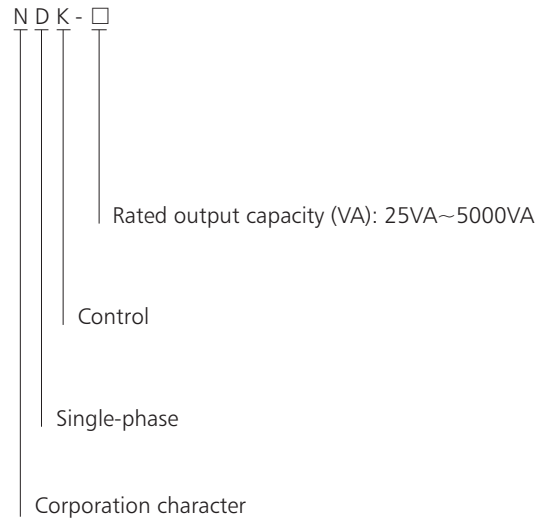


## NDK Control Transformer

### 1. General

- 1.1 Frequency: AC 50Hz/60Hz;
- 1.2 Application: for control power supply of apparatus, partial illumination and indicator light of machine tool and other mechanic equipments.
- 1.3 Standard: IEC/EN 61558, Q/ZT258.

### 2. Type designation



### 3. Operating conditions

- 3.1 Temperature:  $-5^{\circ}\text{C} \sim +40^{\circ}\text{C}$ , the average value within 1 month should not exceed  $+30^{\circ}\text{C}$  and not exceed  $+20^{\circ}\text{C}$  within 1 year;
- 3.2 Altitude:  $\leq 2000\text{m}$ ;
- 3.3 Relative humidity:  $\leq 95\%$

### 4. Features

The transformer is characterized by excellent performances, reliable operation, compact design, safe wiring, and wide application, etc.

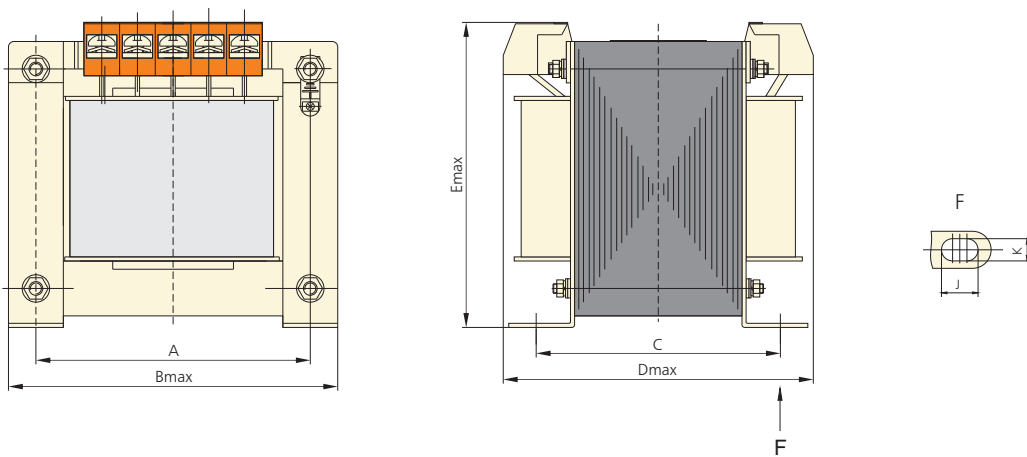
5. Technical data

| Model    | Capacity (VA) | Rated input voltage(V) | Rated output voltage(V)                 | Frequency (Hz) |
|----------|---------------|------------------------|---|----------------|
| NDK-25   | 25            | 230, 400               | 6, 12, 24,<br>36, 110, 127,<br>230, 400 | 50/60          |
| NDK-50   | 50            |                        |   |                |
| NDK-100  | 100           |                        |   |                |
| NDK-150  | 150           |                        |   |                |
| NDK-200  | 200           |                        |   |                |
| NDK-250  | 250           |                        |   |                |
| NDK-300  | 300           |                        |   |                |
| NDK-400  | 400           |                        |   |                |
| NDK-500  | 500           |                        |   |                |
| NDK-700  | 700           |                        |   |                |
| NDK-1000 | 1000          |                        |   |                |
| NDK-1500 | 1500          |                        |   |                |
| NDK-2000 | 2000          |                        |   |                |
| NDK-3000 | 3000          |                        |   |                |
| NDK-4000 | 4000          |                        |   |                |
| NDK-5000 | 5000          |                        |   |                |

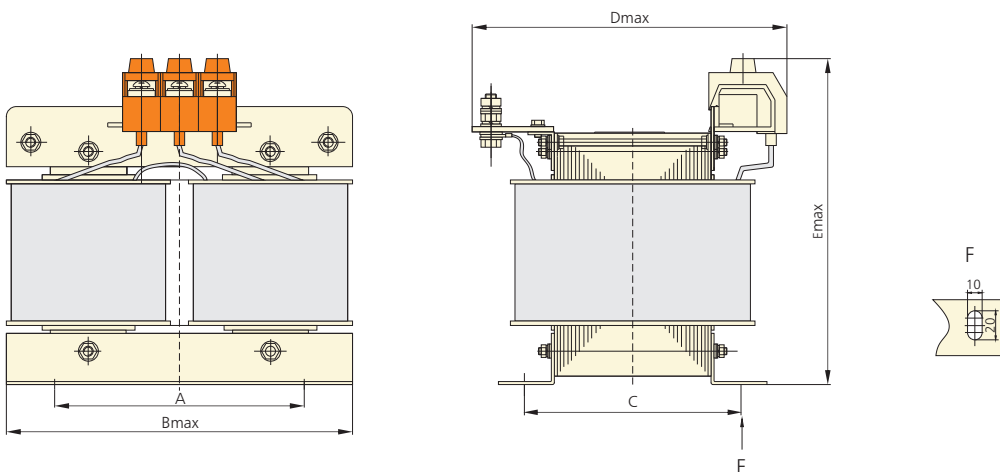
Note: Customized products are available.

6. Overall and mounting dimensions

NDK-25~1000



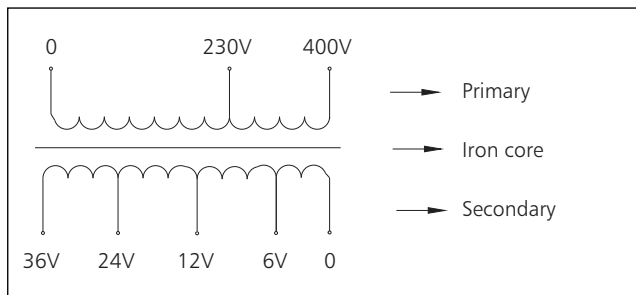
NDK-1500~5000



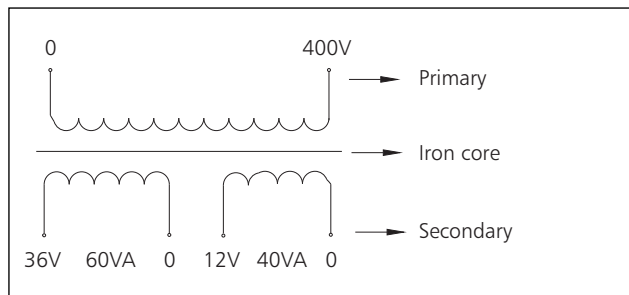
| Model    | Mounting dimensions (A×C) (mm) | Mounting holes (K×J) (mm) | Overall dimensions (B×D×E) (mm) |
|----------|--------------------------------|---------------------------|---------------------------------|
| NDK-25   | 62.5×50                        | 5×8                       | 80×80×82                        |
| NDK-50   | 70×58                          | 6×10                      | 85×83×84                        |
| NDK-100  | 85×64                          | 6×10                      | 103×87×99                       |
| NDK-150  | 85×72                          | 6×10                      | 103×93×99                       |
| NDK-200  | 85×83                          | 6×10                      | 103×105×99                      |
| NDK-250  | 100×80                         | 8×11                      | 130×120×150                     |
| NDK-300  | 100×84                         | 8×11                      | 130×125×150                     |
| NDK-400  | 110×114                        | 8×11                      | 148×155×153                     |
| NDK-500  | 110×114                        | 8×11                      | 148×155×153                     |
| NDK-700  | 125×99                         | 8×11                      | 173×158×174                     |
| NDK-1000 | 125×123                        | 8×11                      | 173×186×174                     |
| NDK-1500 | 160×120                        | 10×20                     | 265×195×265                     |
| NDK-2000 | 160×130                        | 10×20                     | 265×205×275                     |
| NDK-3000 | 160×140                        | 10×20                     | 265×220×305                     |
| NDK-4000 | 190×180                        | 10×20                     | 315×260×305                     |
| NDK-5000 | 190×180                        | 10×20                     | 315×260×305                     |

**7. Wiring**

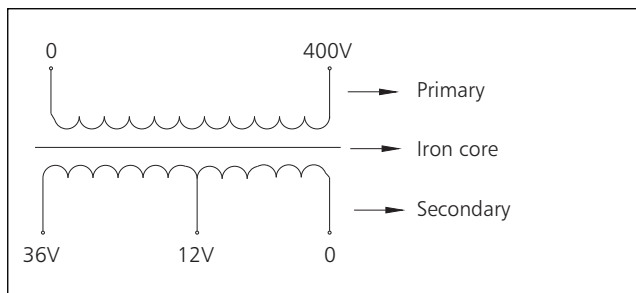
7.1 NDK-100, capacity: 100VA, input 400V 230V, output 36V 24V 12V 6V



7.2 NDK-100, capacity: 100VA, input 400V, output 36V; capacity 60VA 12V; capacity 40VA



7.3 NDK-100, capacity: 100VA, input 400V, output 36V 12V



7.4 NDK-100, capacity: 100VA, input 400V, output 36V

