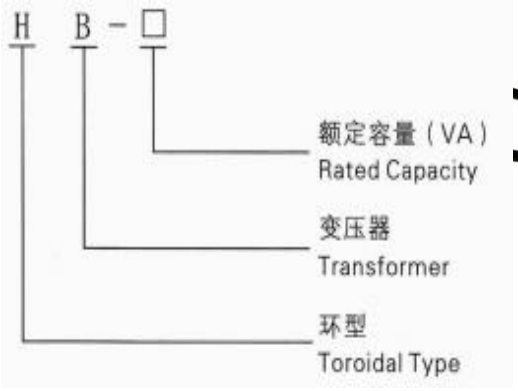
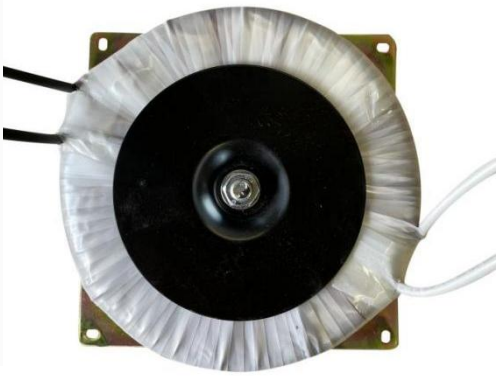
HB Series Toroidal Transformer

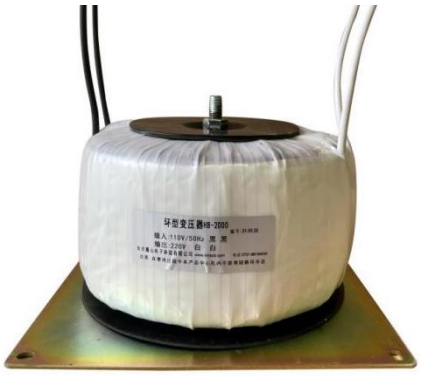
Product Profile

HB series transformer is suitable for the AC circuits which is 50~60Hz, and voltage is 660V or below. The coils are evenly distributed on the whole core surface and closed to it.

Type and Meaning







Features

1. Advanced technics and beautiful appearance.
2. Dampproof and waterproof.
3. Maintenance free and easy installation.
4. Low losses, low resistance, and strong overload capacity.
5. Tight coil coupling, Low magnetic flux leakage.
6. High structural strength, perfect anti-short-circuitability, low level of sound.
7. Small and light.

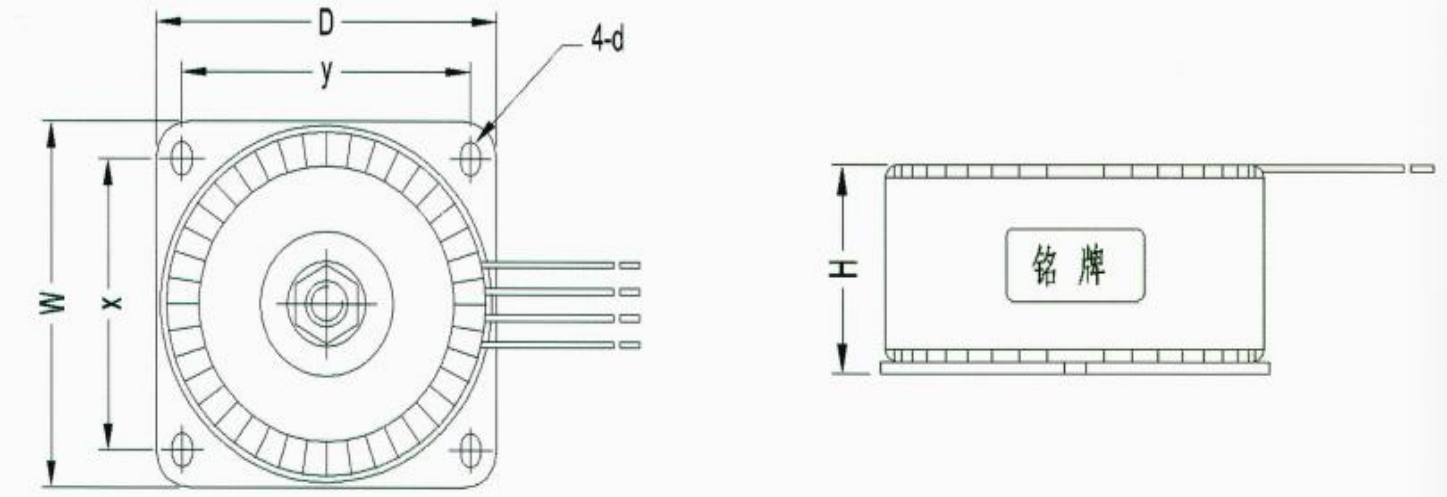
Product Applications

Frequency conversion, photovoltaic (solar power system), renewable energy, detection, medical equipment, etc.

Technical Parameter

Capacity	80VA ~ 6kVA	Working Efficiency	≥90%
Rated Voltage	≤660V	Temperature Rise	< 60K
Rated Frequency	50 ~ 400Hz	Impedance	Upon customer request
Winding Material	Copper	Sound Level	< 60dB
Insulation Class	A/B/F	Insulation Resistance	> 100MΩ(DC1000V)
Leading time	7 ~ 30 working days	Package	Wood Crate/ Cardboard Box
Dielectric Withstanding Voltage: Upon customer request			

Overall and Installation Dimensions



HB Series Single-Phase Transformer Dimensions （mm）

Product Type	Insulation Class	Capacity (VA)	Overall Dimensions （Max）			Installation Dimensions (±2)			Weight
			W	D	H	x	y	d	
HB-80	B	80	100	100	50	82	82	Φ6*10	1.5kg
HB-100	B	100	100	100	60	82	82	Φ6*10	2.0kg
HB-150	B	150	110	110	65	92	92	Φ6*10	2.4kg
HB-200	B	200	110	110	75	92	92	Φ6*10	2.8kg
HB-250	B	250	120	120	70	102	102	Φ6*10	3.4kg
HB-300	B	300	140	140	65	122	122	Φ6*10	3.8kg
HB-400	B	400	140	140	80	122	122	Φ6*10	4.2kg
HB-500	B	500	160	160	75	142	142	Φ6*10	5.3kg
HB-600	B	600	160	160	85	142	142	Φ6*10	5.9kg
HB-750	B	750	180	180	90	162	162	Φ6*10	6.7kg
HB-1000	B	1000	200	200	100	182	182	Φ6*10	10.2kg
HB-1500	B	1500	210	210	110	192	192	Φ6*10	12.5kg
HB-2000	B	2000	240	240	120	222	222	Φ6*10	17.0kg