

QDTB® TRANSFORMER

JBK5

Single Phase Transformers

PRODUCT DATASHEET

Shandong Yaqing Electric Power Technology Co., Ltd.
qdtb-transformer.com · Alice@qdtb-transformer.com

JBK5 — Series Overview

The JBK5 series is an upgraded machine tool transformer with enhanced insulation and thermal performance, suitable for high-precision industrial automation.

Key Features

- Enhanced Class H insulation system
- Improved thermal dissipation
- Low electromagnetic interference
- DIN rail mounting compatible

Typical Applications

- Precision CNC machines
- High-speed automation lines
- Semiconductor manufacturing
- Medical equipment

Model Number Breakdown

- J — Machine tool
- B — Transformer
- K — Control
- 5 — Generation 5

Model Specifications

12 model(s) in the JBK5 series. Weight and dimensions are typical reference values, subject to confirmation.

Model	Rated Capacity	Input Voltage	Output Voltage	Frequency	Efficiency	Temp. Rise Limit	Impedance Voltage	Insulation Class	Weight (kg) †	Dimensions (L×W×H) †
JBK5-100VA	100 VA	≤1000V	Custom	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK5-160VA	160 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK5-200VA	200 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK5-250VA	250 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK5-300VA	300 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK5-400VA	400 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK5-500VA	500 VA	≤1000V	Custom	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK5-630VA	630 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK5-800VA	800 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK5-1000VA	1000 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK5-1500VA	1500 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
JBK5-2000VA	2000 VA	≤1000V	Custom	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm

† Typical values, subject to confirmation. Final dimensions and weights are per factory GA drawings and routine test reports.

Standards & Certification

ISO 9001 Certified — Quality Management System
CE marking — available on selected models
Design and testing per IEC 60076, IEC 60076-11 (dry-type), IEC 61330 (substations), GB 1094 and related international standards.

Note: Certification details and test reports are provided upon request for the specific model and destination market.

Inquiry & Contact

Website	https://qdtb-transformer.com
Email	Alice@qdtb-transformer.com
WhatsApp	+86 13698683193
Phone	+86 13698683193
Address	No. 50, Jifa Longshan Road, Environmental Protection Industrial Park, Jimo District, Qingdao, Shandong, China

QDTB® guarantees a response within 24 hours on business days. Send your model, capacity, voltage and quantity for a detailed quotation.