

QDTB® TRANSFORMER

R-type

Single Phase Transformers

PRODUCT DATASHEET

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R-type — Series Overview

R-type transformers use a round R-core for low leakage flux, low noise and low loss. 10-2000 VA, 220 V primary, ideal for precision instruments and audio equipment.

Key Features

- Round R-core design minimizes leakage flux and noise
- Low no-load loss and low temperature rise
- Compact, slim profile for space-constrained equipment
- Wide 10-2000 VA range for precision instruments

Typical Applications

- Industrial power systems
- Commercial buildings
- Infrastructure projects

Model Specifications

19 model(s) in the R-type 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) †
R-5	5 VA	220V	36V	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	30 kg	220×190×230 mm
R-8	8 VA	220V	36V	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	45 kg	255×220×265 mm
R-10	10 VA	220V	36V	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	55 kg	280×240×290 mm
R-20	20 VA	220V	36V	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	90 kg	350×300×350 mm
R-25	25 VA	220V	36V	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	110 kg	375×320×370 mm
R-30	30 VA	220V	36V	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
R-40	40 VA	220V	36V	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
R50	50 VA	220V	36V	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
R80	80 VA	220V	36V	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
R100	100 VA	220V	36V	50/60	≥85%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
R160	160 VA	220V	36V	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
R260	260 VA	220V	36V	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
R320	320 VA	220V	36V	50/60	≥90%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
R600	600 VA	220V	36V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
R1000	1000 VA	220V	36V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
R1500	1500 VA	220V	36V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
R2000	2000 VA	220V	36V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm
R3000	3000 VA	220V	36V	50/60	≥93%	≤65 K	≤8%	Class B (130°C)	130 kg	400×340×390 mm

Model	Rated Capacity	Input Voltage	Output Voltage	Frequency	Efficiency	Temp. Rise Limit	Impedance Voltage	Insulation Class	Weight (kg) †	Dimensions (L×W×H) †
R5000	5000 VA	220V	36V	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

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