

QDTB® TRANSFORMER

JKSG

Reactors

PRODUCT DATASHEET

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

JKSG — Series Overview

The JKSG series offers three-phase dry-type filter reactors for line-side applications, combining harmonic attenuation with inrush current protection. With 5-8% impedance options and Class F insulation, these reactors support stable operation of capacitor banks and drive systems.

Key Features

- Line-side harmonic attenuation
- Inrush current and surge protection
- 5-8% impedance configuration options
- Class F insulation, dry-type and maintenance-free

Typical Applications

- Line-side filter circuits
- Capacitor bank protection
- Drive and UPS input filtering
- Power factor and power quality correction

Model Number Breakdown

- J — Line / filter application
- K — Reactor
- S — Three-phase
- G — Dry-type

Model Specifications

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

Model	Rated Capacity	Voltage	Connection	Reactance (%)	Noise (dB)	Insulation Class	Standard	Weight (kg) †	Dimensions (L×W×H) †
JKSG-5KW	5	0.45 kV	Series	8	≤55 dB(A)	H (180°C)	GB10229, IEC 60076-6	55 kg	320×220×300 mm
JKSG-10KW	10	0.45 kV	Series	6	≤55 dB(A)	H (180°C)	GB10229, IEC 60076-6	85 kg	380×250×350 mm
JKSG-15KW	15	0.45 kV	Series	6	≤55 dB(A)	H (180°C)	GB10229, IEC 60076-6	110 kg	400×270×380 mm
JKSG-20KW	20	0.45 kV	Series	6	≤55 dB(A)	H (180°C)	GB10229, IEC 60076-6	140 kg	420×280×400 mm
JKSG-30KW	30	0.45 kV	Series	6	≤55 dB(A)	H (180°C)	GB10229, IEC 60076-6	190 kg	450×300×420 mm
JKSG-50KW	50	0.45 kV	Series	5	≤55 dB(A)	H (180°C)	GB10229, IEC 60076-6	270 kg	480×320×450 mm
JKSG-75KW	75	0.45 kV	Series	5	≤55 dB(A)	H (180°C)	GB10229, IEC 60076-6	360 kg	520×350×480 mm
JKSG-100KW	100	0.45 kV	Series	5	≤55 dB(A)	H (180°C)	GB10229, IEC 60076-6	430 kg	550×370×520 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.