

PRODUCT TECHNICAL BRIEF

KYKY RV4 Two-Stage Rotary Vane Vacuum Pump, 4 L/s

KYKY RV4 Two-Stage Rotary Vane Vacuum Pump, 4 L/s - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Nominal pumping speed	4 L/s at 50 Hz; 4.8 L/s at 60 Hz
Ultimate pressure, gas ballast closed	4×10^{-2} Pa in the applicable manufacturer manual
Ultimate pressure, gas ballast position II	4 Pa
Inlet / exhaust connection	DN25KF
Oil charge	Approximately 1.2 L; use manufacturer-approved vacuum oil
Motor	0.55 kW in the manufacturer family catalog; confirm voltage and phase
Nominal speed	1,420 rpm at 50 Hz; 1,710 rpm at 60 Hz
Noise with gas ballast closed	Approximately 50 dB(A) under the stated test conditions
Approximate weight	28 kg

Technical and Project Information

Oil-sealed two-stage rotary vane pump with a nominal pumping speed of 4 L/s at 50 Hz and an ultimate pressure of 4×10^{-2} Pa with the gas ballast closed. DN25KF connections, gas ballast and anti-suckback protection support laboratory and industrial backing service.

KYKY RV4 Rotary Vane Vacuum Pump

The RV4 is a direct-drive, two-stage oil-sealed rotary vane pump for rough-vacuum operation and high-vacuum pump backing. It is suitable for clean, non-reactive gases within the limits of the manufacturer manual.

Gas ballast assists with condensable vapor, while an anti-suckback valve reduces oil migration when the pump stops. Common uses include leak detectors, vacuum chambers, analytical instruments, coating systems and turbomolecular pump backing.

The source page listed a different motor power and noise value; this English card follows the KYKY family catalog. Confirm the current pump revision, motor, cable, fittings, oil and exhaust treatment before ordering. Provide safe ventilation and assess all hazardous or reactive process gases separately.

- Vacuum Pumps Atmosphere-to-High-Vacuum Dry Pumps High-Vacuum Pumping Stations Ion Pumps KYKY RV Rotary-Vane Pumps Roots Booster Pumps Screw Vacuum Pumps Tank Evacuation Systems Turbomolecular Pumps
- Atmosphere-to-High-Vacuum Dry Pumps
- High-Vacuum Pumping Stations
- KYKY RV Rotary-Vane Pumps
- Roots Booster Pumps
- Screw Vacuum Pumps
- Tank Evacuation Systems
- Turbomolecular Pumps
- Helium Reference Leaks
- Scanning Electron Microscopes
- Leak-Detector Accessories

WORLDWIDE PROJECT CONTACT

Send the test object or system, operating conditions, target sensitivity or pressure range, applicable standard, destination country, quantity and schedule. LeakLab will review the project scope.

mail@leaklab.org

Regarding: KYKY RV4 Two-Stage Rotary Vane Vacuum Pump, 4 L/s

Specifications, standards, verification scope, availability and commercial terms must be confirmed for the exact configuration and destination jurisdiction before order or project acceptance.