

PRODUCT TECHNICAL BRIEF

KYKY RV2 Two-Stage Rotary Vane Vacuum Pump, 2 L/s

KYKY RV2 Two-Stage Rotary Vane Vacuum Pump, 2 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	2 L/s at 50 Hz; 2.4 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 1.1 L; use manufacturer-approved vacuum oil
Motor	0.55 kW; single- or three-phase options are identified in manufacturer literature
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	27 kg

Technical and Project Information

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

KYKY RV2 Rotary Vane Vacuum Pump

The RV2 is the smallest model in KYKY's direct-drive, two-stage oil-sealed rotary vane pump family. It can operate as a standalone rough-vacuum pump or back a turbomolecular, diffusion, cryogenic or Roots pump.

The pump includes gas-ballast capability for condensable vapor, an oil-level sight glass and anti-suckback protection. Typical applications include vacuum instruments, leak-test systems, research chambers, coating equipment and forevacuum service.

This oil-sealed pump is not intended for explosive, corrosive, toxic or particle-laden gases without a process-specific engineering assessment. Route the exhaust safely and use an oil-mist filter where required. Confirm motor voltage and phase, plug, inlet hardware, oil, exhaust filter and current manual before ordering.

- 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 RV2 Two-Stage Rotary Vane Vacuum Pump, 2 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.