PRODUCT TECHNICAL BRIEF

KYKY RV6 Two-Stage Rotary Vane Vacuum Pump, 6 L/s

KYKY RV6 Two-Stage Rotary Vane Vacuum Pump, 6 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	6 L/s at 50 Hz; 7.2 L/s at 60 Hz
Ultimate pressure, gas ballast closed	4 × 10^-2 Pa
Ultimate pressure, gas ballast I / II	4 × 10^-1 Pa / 4 Pa
Permissible water-vapor pressure	3,000 Pa in the applicable manufacturer manual
Inlet / exhaust connection	DN25KF in the manufacturer manual; confirm any optional flange variant
Oil charge	Approximately 2.0 L
Motor	0.75 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 52 dB(A)
Approximate weight	35 kg

Technical and Project Information

Oil-sealed two-stage rotary vane pump with a nominal pumping speed of 6 L/s at 50 Hz and an ultimate pressure of 4 × 10-2 Pa with the gas ballast closed. It provides gas ballast and anti-suckback protection for rough-vacuum and backing applications.

KYKY RV6 Rotary Vane Vacuum Pump

The RV6 is a direct-drive, two-stage oil-sealed pump for rough vacuum, chamber evacuation and backing of high-vacuum pumps. The pressure-oil circulation and anti-suckback design support continuous service within the stated operating limits.

Typical applications include leak-test systems, research chambers, vacuum furnaces, coating equipment and backing service. Gas ballast can reduce condensation in the oil but raises ultimate pressure.

The original source card listed a larger motor and DN40KF connections; this English card follows the KYKY operating manual. Confirm the supplied motor, voltage, phase, fittings, oil and exhaust filter. Do not pump incompatible, explosive or corrosive gases without an engineered process configuration.

- 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 RV6 Two-Stage Rotary Vane Vacuum Pump, 6 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.