

## PRODUCT TECHNICAL BRIEF

# KYKY RV8 Two-Stage Rotary Vane Vacuum Pump, 8 L/s

KYKY RV8 Two-Stage Rotary Vane Vacuum Pump, 8 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                 | 8 L/s at 50 Hz; 9.6 L/s at 60 Hz                                                  |
| Ultimate pressure, gas ballast closed | $4 \times 10^{-2}$ Pa                                                             |
| Ultimate pressure, gas ballast I / II | $4 \times 10^{-1}$ Pa / 4 Pa                                                      |
| Permissible water-vapor pressure      | 3,000 Pa in the applicable manufacturer manual                                    |
| Inlet / exhaust connection            | DN40KF                                                                            |
| Oil charge                            | Approximately 2.3 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                    | 37 kg                                                                             |

## Technical and Project Information

Oil-sealed two-stage rotary vane pump with a nominal pumping speed of 8 L/s at 50 Hz and an ultimate pressure of  $4 \times 10^{-2}$  Pa with the gas ballast closed. The RV8 is intended for rough-vacuum service and backing larger high-vacuum pumps.

### KYKY RV8 Rotary Vane Vacuum Pump

The RV8 is a direct-drive, two-stage oil-sealed rotary vane pump for chamber evacuation and forevacuum duty. Gas ballast supports vapor handling, and the internal anti-suckback system reduces the risk of oil migration after shutdown.

Common uses include coating systems, vacuum furnaces, laboratory chambers, analytical equipment, leak-test systems and backing of turbomolecular or Roots pumps.

The original source card listed a larger motor and noise value; this English card follows the KYKY family manual. Confirm the motor, electrical supply, fittings, oil and exhaust-mist control for the supplied revision. Hazardous process gases require a dedicated safety review.

- 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](mailto:mail@leaklab.org)

Regarding: KYKY RV8 Two-Stage Rotary Vane Vacuum Pump, 8 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.