

PRODUCT TECHNICAL BRIEF

KYKY CCD Electrically Actuated Ultra-High-Vacuum Gate Valves

KYKY CCD Electrically Actuated Ultra-High-Vacuum Gate Valves - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Models / nominal sizes	CCD-35B, 50B, 63B, 80A, 100A, 150A, 200A, 250A, 320B and 400B; DN35-DN400
Standard flanges	CF or ISO-F
Application pressure range	1×10^5 to 1×10^{-6} Pa
Specified leak rate	$\leq 1.3 \times 10^{-10}$ Pa·m ³ /s
Drive supply	180-240 V AC
Position indication	PNP photoelectric switches
Bakeout temperature	150 °C open; 120 °C closed
Mounting orientation	Valve body horizontal or motor upward
Permitted media	Air and non-corrosive gases

Technical and Project Information

Electrically actuated ultra-high-vacuum gate valves in nominal sizes DN35-DN400. KYKY CCD valves use CF or ISO-F flanges, a stepper-motor drive and PNP photoelectric open/closed position sensing.

The CCD series uses a stepper motor and lead-screw drive for remote isolation of vacuum lines. Adjustable travel limits and PNP photoelectric sensors support automated pumping and process sequences.

The legacy source page stated ISO-K flanges, arbitrary mounting and a tactile switch. Current KYKY data specifies CF/ISO-F, horizontal or motor-up installation, and PNP photoelectric position sensing.

Confirm model, flange, cable, switch logic, control voltage tolerance, seal material and fail-safe behavior. Interlock the valve position with pump and vent sequences.

- Vacuum Components Gas-Filling Stands for Testing KYKY Vacuum Gate Valves Vacuum Bellows Vacuum Test Chambers Vacuum Valves
- Gas-Filling Stands for Testing
- KYKY Vacuum Gate Valves
- Vacuum Test Chambers
- 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 CCD Electrically Actuated Ultra-High-Vacuum Gate Valves

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