PRODUCT TECHNICAL BRIEF

KYKY GID Automatic Pressure-Control Butterfly Valve

KYKY GID Automatic Pressure-Control Butterfly Valve - LeakLab solutions for leak testing, vacuum systems and test equipment.

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Technical Data

PARAMETER	PUBLISHED VALUE / INFORMATION
Listed variants	GID-25ZM with KF25 or KF40, GID-40ZM with KF40, GID-50ZM with KF50, and GID-63ZM with ISO-F63
Pressure range	1.2 × 10^5 to 1 × 10^-6 Pa in the source catalog record
Specified total leak rate	≤1.3 × 10^-10 Pa·m^3/s
Maximum opening differential	≤1.2 × 10^5 Pa
Pressure-control accuracy	<0.1% full scale under stated test conditions
Position accuracy / resolution	±0.1% full scale / 16,384 steps stated in the source catalog
Gauge input	0-10 V DC
Control interfaces	0-10 V analog and RS-485 via DB9
Supply	24 V DC ±10%
Materials stated in source record	316L body and disc; FKM or version-dependent FFKM seal

Technical and Project Information

Automatic butterfly valve for closed-loop vacuum-process pressure control. GID variants cover DN25-DN63 connections, accept 0-10 V gauge feedback and support analog control plus RS-485 communication from a 24 V DC supply.

The GID regulates effective pumping speed by rotating a butterfly disc between the chamber and pump. The controller can operate in pressure or position mode using real-time gauge feedback for thin-film deposition, etching, display, photovoltaic and other controlled-vacuum processes.

Control performance depends on chamber volume, gas species and flow, pump speed, gauge dynamics, tuning and valve sizing. Confirm the current model datasheet, seal, connector pinout, protocol, response time and fail position.

The Russian page used the generic name APC; KYKY identifies the exhibited automatic pressure-control butterfly valve as the GID series.

- 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 GID Automatic Pressure-Control Butterfly Valve

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