

Solenoid Valve (Direct acting square type)

Hi-speed 2-port Solenoid Valve K2 Series

NEW

- Industry First ! Using new solenoid technology. (New patent pending)
- Compact high speed response 1-3ms (when ON). Large flow rate 55-140 lit. (at 0.4MPa).
- Low power consumption 2-24W. With environmental protection IP65 equivalent: K2 Series is suitable for a wide range of applications.



Operation type	Sonic conductance effective area	Port
Direct acting	0.2-0.5 dm ³ /s.bar 1-3mm ²	4mm quick fitting M5*0.8

Proportional Control Valve KFPV300 Series

NEW

- Optimum for the stepless control of gas and liquid.
- High precision; high repeatability, high responsibility and low hysteresis.
- Controller is equipped with initial setting support circuit.



Media	Operation type	Orifice Port
Water Air Neutral gas etc	Direct acting	4;6;8;10;12mm Rc3/8;Rc1/2

Proportional Control Valve KFPV050 Series

NEW

- Optimum for the stepless control of gas and liquid.
- High precision; high repeatability, high responsibility and low hysteresis.
- Controller is equipped with initial setting support circuit.



Media	Operation type	Orifice Port
Water Air Neutral gas etc	Direct acting	2;3;4mm Rc1/4

Solenoid Valve G010 Series (2- and 3-port)

- In response to varied control needs; positive pressure and vacuum specifications are newly added.
- Best control system can be selected for the machines and equipment of production line.



Operation type	Sonic conductance effective area	Port
Direct acting	0.02-0.09 dm ³ /s.bar 0.1-0.45mm ²	M3;M5

Solenoid Valve 025 Series

- Direct acting valves with low power consumption of 0.5W. Achieve direct drive by IC using a solenoid equipped with a surge suppressor.
- Contribute to the down-sizing of control systems and power savings.



Operation type	Sonic conductance effective area	Port
Direct acting	0.1dm ³ /s.bar 0.4-0.5mm ²	M5

Solenoid Valve 030 Series

- Suitable for control of every small actuator operation such as 6-20mm double/single acting cylinders.
- Option system provides easy installation and maintenance and makes the valves easy to use.



Operation type	Sonic conductance effective area	Port
Direct act. Internal pi.	0.12dm ³ /s.bar 0.6mm ²	M5

Solenoid Valve 050 Series

- 2-3-5-port poppet type solenoid valves of high reliability and durability in controlling of 6-25mm cylinder operation.
- By adopting direct action; these valves can easily control low pressure actuators.



Operation type	Sonic conductance effective area	Port
Direct acting	0.24-0.3 dm ³ /s.bar 1.2-1.5mm ²	M5

Solenoid Valve 100 Series

- 2-3-5-port poppet type solenoid valves of high reliability and durability in controlling of 6-25mm cylinder operation.
- By adopting direct action; these valves can easily control low pressure actuators.



Operation type	Sonic conductance effective area	Port
Direct acting	0.6-1.0 dm ³ /s.bar 3-5mm ²	Rc1/8

Solenoid Valve 130 Series

- Allows choice of NC or NO, and can also be used as a selector valve or a divider valve.
- Vacuum, and combination of vacuum and positive pressure types are also available.
- As a sealing method, new type poppet construction is used for high durability.



Operation type	Sonic conductance effective area	Port
Direct acting	0.9, 0.46 dm ³ /s.bar 4.5, 2.3mm ²	Rc1/8

Solenoid Valve 200 Series

- 2-,3-,5-port poppet type solenoid valves of high reliability and durability in controlling of 6-25mm cylinder operation.
- By adopting direct action; these valves can easily control low pressure actuators.



Operation type	Sonic conductance effective area	Port
Direct acting	1.3-1.7 dm ³ /s.bar 6.5-8.5mm ²	Rc1/4

Solenoid Valve 230 Series

- Allows choice of NC or NO, and can also be used as a selector valve or a divider valve.
- Vacuum, and combination of vacuum and positive pressure types are also available.
- As a sealing method, new type poppet construction is used for high durability.



Operation type	Sonic conductance effective area	Port
Direct acting	1.6, 0.9 dm ³ /s.bar 8.0, 4.5mm ²	Rc1/4

High Cycle Solenoid Valve HV Series

- These valves have long service life of 500000000 times at a high frequency of 1500 cycles/min. and high durability.
- Simple structure of poppet type promises high reliability in high frequency operations.



Operation type	Sonic conductance effective area	Port
Direct acting	1.4 dm ³ /s.bar 7mm ²	Rc1/4