Solenoid Valve (Direct acting square type)

Hi-speed 2-port Solenoid Valve K2 Series



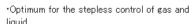
technology.(New patent pending)
•Compact high speed response 1-3ms (when

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.

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Operation type	Sonic conductance effective area	Port
Direct acting	0.2-0.5 dm³/s.bar 1-3mm²	4mm quick fitting M5*0.8



Proportional Control Valve KFPV300 Series



*High precision; high repeatability, high responsibility and low hysteresis.

*Controller is equipped with initial setting support circuit.

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



Proportional Control Valve KFPV050 Series

*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 3port)

 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 dm³/s.bar 0.1-0.45mm²	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	0.1 dm³/s.bar 0.4-0.5 mm²	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.	0.12dm³/s.bar 0.6mm²	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.

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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 dm³/s.bar 3–5mm²	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 durabillity.

Operation type	Sonic conductance effective area	Port
Direct acting	0.9, 0.46 dm³/s.bar 4.5, 2.3mm²	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 dm³/s.bar 6.5-8.5mm²	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 durabillity.

Operation type	Sonic conductance effective area	Port
Direct acting	1.6, 0.9 dm³/s.bar 8.0, 4.5mm²	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 dm³/s.bar 7mm²	Rc1/4

