



005 Series - Micro 3-Port Direct Acting Solenoid Valves for Vacuum

The world's smallest dimension direct acting valve and lightest weight valve with a flow rate up to 0.006 Cv. The Selection Guide provides a summary of the 2 different 005 Series - Micro 3-Port Direct Acting Solenoid Valves for Vacuum.

- Ultra Compact Valve with PCB Pins or Plug-in Connectors
- Universal Plumbing Operation
- RoHS Compliance
- Inline, Subbase, Split Manifold or Monoblock Manifold
- 100 Million + Cycle Life

Improve the performance and reduce the size of your next generation machine. Koganei sets the standard for supplying innovative high-quality solutions with unmatched reliability. Optimized designs, with a wide variety of styles and sizes, increase speed to market as well as provide solutions for most applications. Expedite deliveries with product stocked in the USA.

KOGANEI is committed to your success from concept, to initial design, to final delivery and beyond.

Operations

3/2 Single Universal

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Model	Operation	Valve Width mm [in]	Flow Rate Cv	Orifice Size mm [in]	Port Sizes metric [imperial]	Mounting	Piping	Voltages	Power Consumption W	Max Frequency Hz	Pressure Range MPa [psi]	Temperature Range °C [°F]
BV005E1	3/2 Single Universal	5.9 [0.23]	0.006	0.1 [0.004]	3 mm, M3 x 0.5 [1/8 tube]	Inline, Split Manifold	Base	5, 6, 12, 24 DC	0.5	10	-0.1 - 0.7 [-14.5 - 101.5]	5 - 50 [41 - 122]
AV005E1	3/2 Single Universal	5.9 [0.23]	0.006	0.1 [0.004]	3 mm, M3 x 0.5 [1/8 tube]	Single Subbase, Block Manifold	Base	5, 6, 12, 24 DC	0.5	10	-0.1 - 0.7 [-14.5 - 101.5]	5 - 50 [41 - 122]