



## 005 Series - Micro 3-Port Direct Acting Solenoid Valves

The world's smallest dimension direct acting valve and lightest weight valve with a flow rate up to 0.01Cv. The Selection Guide provides a summary of the 6 different 005 Series - Micro 3-Port Direct Acting Solenoid Valves.

- Ultra Compact Valve with PCB Pins or Plug-in Connectors
- Less Than 0.1 cc/min Leak Rate at 73 PSI
- 100 Million + Cycle Life
- Inline, Subbase, Split Manifold or Monoblock Manifold
- Universal Plumbing Operation
- RoHS Compliance

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

3/2 Single High Flow

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]
B005E1	3/2 Single	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 - 0.7 [0.0 - 101.5]	5 - 50 [41 - 122]
A005E1	3/2 Single	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 - 0.7 [0.0 - 101.5]	5 - 50 [41 - 122]
A005HE1	3/2 Single High Flow	5.9 [0.23]	0.011	0.2 [0.008]	3 mm, M3 x 0.5 [1/8 tube]	Single Subbase, Block Manifold	Base	5, 6, 12, 24 DC	0.5	5	0 - 0.3 [0.0 - 43.5]	5 - 50 [41 - 122]
B005HE1	3/2 Single High Flow	5.9 [0.23]	0.011	0.2 [0.008]	3 mm, M3 x 0.5 [1/8 tube]	Inline, Split Manifold	Base	5, 6, 12, 24 DC	0.5	5	0 - 0.3 [0.0 - 43.5]	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]
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]

Focused on providing industry leading pneumatic, fluid handling, and electrical automation components and assemblies for the OEM market | Think KOGANEI