

JC / HJC / JE / HJE Series - Indirect Acting Solenoid Valves

Compact valve series providing reliable directional control of cylinders up to 40mm bore while consuming as little as 0.15watt power consumption. The Selection Guide provides a summary of the 54 different JC / HJC / JE HJE Series - Indirect Acting Solenoid Valves.

- Plug-in Connector
- Low Current Option
- High Pressure Option
- Inline, Subbase or Monoblock Manifold
- Fast Response Option
- 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

2/2, 3/2 Single	2/2, 3/2 Single Low Current	2/2, 3/2 Single Quick Response	5/2 Single
5/2 Single Low Current	5/2 Single Quick Response	5/3 Double	5/3 Double Low Current
5/3 Double Quick Response			

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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]
JC10F1 / HJC10F1	2/2, 3/2 Single	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F2 / HJC10F2	2/2, 3/2 Single	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F3 / HJC10F3	2/2, 3/2 Single	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F4 / HJC10F4	2/2, 3/2 Single	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F1 / HJE12F1	2/2, 3/2 Single	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]

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JE12F4 / HJE12F4	2/2, 3/2 Single	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F2 / HJE12F2	2/2, 3/2 Single	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F3 / HJE12F3	2/2, 3/2 Single	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F2L / HJC10F2L	2/2, 3/2 Single Low Current	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	24 DC	0.15 - 0.55	2	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F3L / HJC10F3L	2/2, 3/2 Single Low Current	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	24 DC	0.15 - 0.55	2	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F4L / HJC10F4L	2/2, 3/2 Single Low Current	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	24 DC	0.15 - 0.55	2	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F1L / HJC10F1L	2/2, 3/2 Single Low Current	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	24 DC	0.15 - 0.55	2	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F2L / HJE12F2L	2/2, 3/2 Single Low Current	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	0.15 - 0.55	2	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F4L / HJE12F4L	2/2, 3/2 Single Low Current	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	0.15 - 0.55	2	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F3L / HJE12F3L	2/2, 3/2 Single Low Current	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	0.15 - 0.55	2	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F1L / HJE12F1L	2/2, 3/2 Single Low Current	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	0.15 - 0.55	2	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F4S / HJC10F4S	2/2, 3/2 Single Quick Response	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	24 DC	1.1 - 3	10	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F2S / HJC10F2S	2/2, 3/2 Single Quick Response	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	24 DC	1.1 - 3	10	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F1S / HJC10F1S	2/2, 3/2 Single Quick Response	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	24 DC	1.1 - 3	10	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F3S / HJC10F3S	2/2, 3/2 Single Quick Response	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Single Subbase, Block Manifold	Direct, Base	24 DC	1.1 - 3	10	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]

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JE12F4S / HJE12F4S	2/2, 3/2 Single Quick Response	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	1.1 - 3	10	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F2S / HJE12F2S	2/2, 3/2 Single Quick Response	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	1.1 - 3	10	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F3S / HJE12F3S	2/2, 3/2 Single Quick Response	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	1.1 - 3	10	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F1S / HJE12F1S	2/2, 3/2 Single Quick Response	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	1.1 - 3	10	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F5 / HJC10F5S	5/2 Single	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Inline, Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F5 / HJE12F5S	5/2 Single	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F5L / HJC10F5L	5/2 Single Low Current	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	0.15 - 0.55	2	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F5L / HJE12F5L	5/2 Single Low Current	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	0.15 - 0.55	2	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F5S / HJC10F5S	5/2 Single Quick Response	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	1.1 - 3	10	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F5S / HJE12F5S	5/2 Single Quick Response	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	1.1 - 3	10	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F9 / HJC10F9	5/3 Double	10 [0.39]	0.156	2.8 [0.11]	M5 x 0.8 [10-32 UNF]	Inline, Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.25 - 0.7 [36.3 - 101.5]	5 - 50 [41 - 122]
JC10F8 / HJC10F8	5/3 Double	10 [0.39]	0.156	2.8 [0.11]	M5 x 0.8 [10-32 UNF]	Inline, Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.25 - 0.7 [36.3 - 101.5]	5 - 50 [41 - 122]
JC10F7 / HJC10F7	5/3 Double	10 [0.39]	0.156	2.8 [0.11]	M5 x 0.8 [10-32 UNF]	Inline, Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.25 - 0.7 [36.3 - 101.5]	5 - 50 [41 - 122]
JC10F6 / HJC10F6	5/3 Double	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Inline, Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F8 / HJE12F8	5/3 Double	12 [0.47]	0.222	4 [0.157]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]

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JE12F9 / HJE12F9	5/3 Double	12 [0.47]	0.222	4 [0.157]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F7 / HJE12F7	5/3 Double	12 [0.47]	0.222	4 [0.157]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12F6 / HJE12F6	5/3 Double	12 [0.47]	0.225	4.05 [0.159]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	12, 24 DC	0.55	5	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JC10F8L / HJC10F8L	5/3 Double Low Current	10 [0.39]	0.156	2.8 [0.11]	M5 x 0.8 [10-32 UNF]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	0.15 - 0.55	2	0.25 - 0.7 [36.3 - 101.5]	5 - 50 [41 - 122]
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JC10F6L / HJC10F6L	5/3 Double Low Current	10 [0.39]	0.172	3.1 [0.122]	M5 x 0.8 [10-32 UNF]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	0.15 - 0.55	2	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
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JE12F8S / HJE12F8S	5/3 Double Quick Response	12 [0.47]	0.222	4 [0.157]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	1.1 - 3	10	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
JE12FS / HJE12F9S	5/3 Double Quick Response	12 [0.47]	0.222	4 [0.157]	M5 x 0.8, Rc 1/8 [10-32 UNF, 1/8 NPT]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC	1.1 - 3	10	0.2 - 0.7 [29.0 - 101.5]	5 - 50 [41 - 122]
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