



Round Type - Direct Acting Solenoid Valves

A Valve Series designed to meet and exceed low leak specifications for OEM applications. The Selection Guide provides a summary of the 17 different Round Type - Direct Acting Solenoid Valves.

- Lead Wire, Conduit or Terminal Box
- Can Operate in High-frequency Applications
- Double & Latching ("Keep") Solenoid Options
- Inline or Monoblock Manifold
- High Cycle Life (>10 Million)
- 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 Single Explosion Proof
3/2 Single Vacuum and Air
5/2 Single Vacuum

2/2, 3/2 Single
4/2 Single Explosion Proof

2/2, 3/2 Single Latching (Keep)
5/2 Single

2/2, 3/2 Single Vacuum
5/2 Single Latching (Keep)

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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]
EP062E1	2/2 Single Explosion Proof	72 [2.83]	0.08	1.8 [0.071]	Rc 1/8, Rc 1/4 [upon request]	Inline	Direct	24, 100, 110 DC 100, 110, 200, 220 AC	7 - 33	5	0 - 0.7 [0.0 - 101.5]	0 - 60 [32 - 140]
062E1	2/2, 3/2 Single	42 [1.65]	0.12	2.5 [0.098]	Rc 1/4 [upon request]	Inline, Block Manifold	Direct, Base	6, 12, 24, 48, 100, 110, 200 DC 24, 48, 100, 110, 115, 200, 220, 230 AC	8.8 - 22.32	5	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
062E2	2/2, 3/2 Single	42 [1.65]	0.12	2.5 [0.098]	Rc 1/4 [upon request]	Inline, Block Manifold	Direct, Base	6, 12, 24, 48, 100, 110, 200 DC 24, 48, 100, 110, 115, 200, 220, 230 AC	8.8 - 22.32	5	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
062SE2	2/2, 3/2 Single Latching (Keep)	42 [1.65]	0.12	2.5 [0.098]	Rc 1/4 [upon request]	Inline, Block Manifold	Direct, Base	100, 200 AC	14 - 18	5	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
V062E1	2/2, 3/2 Single Vacuum	42 [1.65]	0.12	2.5 [0.098]	Rc 1/4 [upon request]	Inline, Block Manifold	Direct, Base	6, 12, 24, 48, 100, 110, 200 DC 24, 48, 100, 110, 115, 200, 220, 230 AC	8.8 - 22.32	5	-0.1 - 0.9 [-14.5 - 130.5]	0 - 60 [32 - 140]

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

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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]
SV062E1	3/2 Single Vacuum and Air	42 [1.65]	0.12	2.5 [0.098]	Rc 1/4 [upon request]	Inline, Block Manifold	Direct, Base	6, 12, 24, 48, 100, 110, 200 DC 24, 48, 100, 110, 115, 200, 220, 230 AC	8.8 - 22.32	5	-0.1 - 0.9 [-14.5 - 130.5]	0 - 60 [32 - 140]
EP254-4E1	4/2 Single Explosion Proof	72 [2.83]	0.76	15 [0.591]	Rc 1/4, Rc 3/8 [upon request]	Inline	Direct	24, 100, 110 DC 100, 110, 200, 220 AC	7 - 33	5	0.1 - 0.9 [14.5 - 130.5]	0 - 60 [32 - 140]
EP501-4E1	4/2 Single Explosion Proof	95 [3.74]	2.5	50 [1.969]	Rc 1/2 [upon request]	Inline	Direct	24, 100, 110 DC 100, 110, 200, 220 AC	7 - 33	5	0.1 - 0.9 [14.5 - 130.5]	0 - 60 [32 - 140]
EP375-4E1	4/2 Single Explosion Proof	95 [3.74]	2.5	50 [1.969]	Rc 3/8 [upon request]	Inline	Direct	24, 100, 110 DC 100, 110, 200, 220 AC	7 - 33	5	0.1 - 0.9 [14.5 - 130.5]	0 - 60 [32 - 140]
EP750-4E1	4/2 Single Explosion Proof	125 [4.92]	5	100 [3.937]	Rc 3/4 [upon request]	Inline	Direct	24, 100, 110 DC 100, 110, 200, 220 AC	7 - 33	5	0.1 - 0.9 [14.5 - 130.5]	0 - 60 [32 - 140]
062-4E2	5/2 Single	42 [1.65]	0.08	1.8 [0.071]	Rc 1/4 [upon request]	Inline, Block Manifold	Direct, Base	6, 12, 24, 48, 100, 110, 200 DC 24, 48, 100, 110, 115, 200, 220, 230 AC	8.8 - 22.32	5	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
062-4E1	5/2 Single	42 [1.65]	0.08	1.8 [0.071]	Rc 1/4 [upon request]	Inline, Block Manifold	Direct, Base	6, 12, 24, 48, 100, 110, 200 DC 24, 48, 100, 110, 115, 200, 220, 230 AC	8.8 - 22.32	5	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
125-4E1	5/2 Single	46 [1.81]	0.17	3.5 [0.138]	Rc 1/4 [upon request]	Inline, Block Manifold	Direct, Base	6, 12, 24, 48, 100, 110, 200 DC 24, 48, 100, 110, 115, 200, 220, 230 AC	8.8 - 22.32	5	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
126E1	5/2 Single	42 [1.65]	0.27	5.5 [0.217]	Rc 1/4 [upon request]	Inline	Direct	6, 12, 24, 48, 100, 110, 200 DC 24, 48, 100, 110, 115, 200, 220, 230 AC	8.8 - 22.32	4	0 - 0.5 [0.0 - 72.5]	0 - 60 [32 - 140]
062-4SE2	5/2 Single Latching (Keep)	42 [1.65]	0.08	1.8 [0.071]	Rc 1/4 [upon request]	Inline, Block Manifold	Direct, Base	100, 200 AC	14 - 18	5	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
125-4SE2	5/2 Single Latching (Keep)	46 [1.81]	0.17	3.5 [0.138]	Rc 1/4 [upon request]	Inline, Block Manifold	Direct, Base	100, 200 AC	14 - 18	5	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
V126E1	5/2 Single Vacuum	42 [1.65]	0.27	5.5 [0.217]	Rc 1/4 [upon request]	Inline	Direct	6, 12, 24, 48, 100, 110, 200 DC 24, 48, 100, 110, 115, 200, 220, 230 AC	8.8 - 22.32	4	-0.1 - 0.9 [-14.5 - 130.5]	0 - 60 [32 - 140]