



## PA / PB Series - Indirect Acting Solenoid Valves for Vacuum

This directional control valve series provides a flow rate up to 2.0Cv and allows users to switch from double solenoid to single solenoid. The Selection Guide provides a summary of the 12 different PA / PB Series - Indirect Acting Solenoid Valves for Vacuum.

- Lead Wire, Plug-in, DIN, D-Sub, Flat Cable, Terminal, Serial
- IP 65 Option
- Double Solenoid Switchable to Single Function
- Inline, Subbase, Stacking Body or Monoblock Manifold
- Optional Integrated Pilot Operated Check Valves
- 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

5/2 Single External Pilot Vacuum  
5/3 Double Closed Center Vacuum

5/2 Single External Pilot Vacuum High Flow  
5/3 Double Closed Center Vacuum High Flow

5/2 Switchable Double External Pilot Vacuum

5/2 Switchable Double External Pilot Vacuum High Flow

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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]
PB24C5V	5/2 Single External Pilot Vacuum	24 [0.94]	1.4	25 [0.984]	Rc 1/4, Rc 3/8 [upon request]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC 100, 200 AC	1 - 1.3	5	-0.1 - 0.2 [-14.5 - 29.0]	5 - 50 [41 - 122]
PA24F5V	5/2 Single External Pilot Vacuum	23.8 [0.94]	1.4	25 [0.984]	Rc 1/4, Rc 3/8 [upon request]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC 100, 200 AC	1 - 1.3	5	-0.1 - 0.2 [-14.5 - 29.0]	5 - 50 [41 - 122]
PB24HC5V	5/2 Single External Pilot Vacuum High Flow	24 [0.94]	2	36 [1.417]	Rc 1/4, Rc 3/8 [upon request]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC 100, 200 AC	1 - 1.3	5	-0.1 - 0.2 [-14.5 - 29.0]	5 - 50 [41 - 122]
PA24HF5V	5/2 Single External Pilot Vacuum High Flow	23.8 [0.94]	2	36 [1.417]	Rc 1/4, Rc 3/8 [upon request]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC 100, 200 AC	1 - 1.3	5	-0.1 - 0.2 [-14.5 - 29.0]	5 - 50 [41 - 122]
PB24C6V	5/2 Switchable Double External Pilot Vacuum	24 [0.94]	1.4	25 [0.984]	Rc 1/4, Rc 3/8 [upon request]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC 100, 200 AC	1 - 1.3	5	-0.1 - 0.2 [-14.5 - 29.0]	5 - 50 [41 - 122]
PA24F6V	5/2 Switchable Double External Pilot Vacuum	23.8 [0.94]	1.4	25 [0.984]	Rc 1/4, Rc 3/8 [upon request]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC 100, 200 AC	1 - 1.3	5	-0.1 - 0.2 [-14.5 - 29.0]	5 - 50 [41 - 122]

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PB24HC6V	5/2 Switchable Double External Pilot Vacuum High Flow	24 [0.94]	2	36 [1.417]	Rc 1/4, Rc 3/8 [upon request]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC 100, 200 AC	1 - 1.3	5	-0.1 - 0.2 [-14.5 - 29.0]	5 - 50 [41 - 122]
PA24HF6V	5/2 Switchable Double External Pilot Vacuum High Flow	23.8 [0.94]	2	36 [1.417]	Rc 1/4, Rc 3/8 [upon request]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC 100, 200 AC	1 - 1.3	5	-0.1 - 0.2 [-14.5 - 29.0]	5 - 50 [41 - 122]
PB24C7V	5/3 Double Closed Center Vacuum	24 [0.94]	1.4	25 [0.984]	Rc 1/4, Rc 3/8 [upon request]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC 100, 200 AC	1 - 1.3	5	-0.1 - 0.2 [-14.5 - 29.0]	5 - 50 [41 - 122]
PA24F7V	5/3 Double Closed Center Vacuum	23.8 [0.94]	1.4	25 [0.984]	Rc 1/4, Rc 3/8 [upon request]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC 100, 200 AC	1 - 1.3	5	-0.1 - 0.2 [-14.5 - 29.0]	5 - 50 [41 - 122]
PB24HC7V	5/3 Double Closed Center Vacuum High Flow	24 [0.94]	1.8	32 [1.26]	Rc 1/4, Rc 3/8 [upon request]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC 100, 200 AC	1 - 1.3	5	-0.1 - 0.2 [-14.5 - 29.0]	5 - 50 [41 - 122]
PA24HF7V	5/3 Double Closed Center Vacuum High Flow	23.8 [0.94]	1.8	32 [1.26]	Rc 1/4, Rc 3/8 [upon request]	Inline, Single Subbase, Block Manifold	Direct, Base	24 DC 100, 200 AC	1 - 1.3	5	-0.1 - 0.2 [-14.5 - 29.0]	5 - 50 [41 - 122]