



Round Type - Air Piloted Valves for Vacuum

Low leak and high durability and reliability in applications with contamination in the supply air lines. The Selection Guide provides a summary of the 16 different Round Type - Air Piloted Valves for Vacuum.

- Rc 1/8 Pilot Port
- Diaphragm & Poppet Designs for High Frequency Operation
- Unique Double Air Pilot Model Available
- Inline Plumbing Available
- Vacuum Piloted Version Available
- 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 Double Air Pilot
3/2 Single External Pilot Vacuum

2/2, 3/2 Double Air Pilot Vacuum
3/2 Single Vacuum Pilot Vacuum

3/2 Double Air Pilot

3/2 Single Air Pilot Vacuum

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Model	Operation	Valve Width mm [in]	Flow Rate Cv	Orifice Size mm [in]	Port Sizes metric [imperial]	Mounting	Piping	Voltages	Min Pilot Pressure MPa [psi]	Max Frequency Hz	Pressure Range MPa [psi]	Temperature Range °C [°F]
125A2-2	2/2 Double Air Pilot	30 [1.18]	0.27	5.5 [0.217]	Rc 1/4 [upon request]	Inline	Direct	N/A	0.16 [23.2]	10	-0.1 - 0.9 [-14.5 - 130.5]	5 - 60 [41 - 140]
2503A2-2	2/2 Double Air Pilot	42 [1.65]	0.76	15 [0.591]	Rc 3/8 [upon request]	Inline	Direct	N/A	0.2 [29.0]	10	-0.1 - 0.9 [-14.5 - 130.5]	5 - 60 [41 - 140]
250A2-2	2/2 Double Air Pilot	42 [1.65]	0.76	15 [0.591]	Rc 3/8 [upon request]	Inline	Direct	N/A	0.1 [14.5]	10	-0.1 - 0.9 [-14.5 - 130.5]	5 - 60 [41 - 140]
500A2	2/2, 3/2 Double Air Pilot Vacuum	73 [2.87]	2.7	55 [2.165]	Rc 1/2 [upon request]	Inline	Direct	N/A	0.2 [29.0]	10	-0.1 - 0.9 [-14.5 - 130.5]	5 - 60 [41 - 140]
750A2	2/2, 3/2 Double Air Pilot Vacuum	60 [2.36]	7	140 [5.512]	Rc 3/4 [upon request]	Inline	Direct	N/A	0.2 [29.0]	3	-0.1 - 0.9 [-14.5 - 130.5]	0 - 60 [32 - 140]
125A2	3/2 Double Air Pilot	30 [1.18]	0.27	5.5 [0.217]	Rc 1/4 [upon request]	Inline	Direct	N/A	0.16 [23.2]	10	-0.1 - 0.9 [-14.5 - 130.5]	5 - 60 [41 - 140]

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Model	Operation	Valve Width mm [in]	Flow Rate Cv	Orifice Size mm [in]	Port Sizes metric [imperial]	Mounting	Piping	Voltages	Min Pilot Pressure MPa [psi]	Max Frequency Hz	Pressure Range MPa [psi]	Temperature Range °C [°F]
2503A2	3/2 Double Air Pilot	42 [1.65]	0.76	15 [0.591]	Rc 3/8 [upon request]	Inline	Direct	N/A	0.2 [29.0]	10	-0.1 - 0.9 [-14.5 - 130.5]	5 - 60 [41 - 140]
250A2	3/2 Double Air Pilot	42 [1.65]	0.76	15 [0.591]	Rc 3/8 [upon request]	Inline	Direct	N/A	0.1 [14.5]	10	-0.1 - 0.9 [-14.5 - 130.5]	5 - 60 [41 - 140]
1000A2	3/2 Single Air Pilot Vacuum	68 [2.68]	14	280 [11.024]	Rc 1 [upon request]	Inline	Direct	N/A	0.2 [29.0]	4	-0.1 - 0.9 [-14.5 - 130.5]	0 - 60 [32 - 140]
VA125A	3/2 Single External Pilot Vacuum	30 [1.18]	0.27	5.5 [0.217]	Rc 1/8 [upon request]	Inline	Direct	N/A	0.2 [29.0]	10	-0.1 - 0.9 [-14.5 - 130.5]	5 - 60 [41 - 140]
VA2503A	3/2 Single External Pilot Vacuum	42 [1.65]	0.76	15 [0.591]	Rc 3/8 [upon request]	Inline	Direct	N/A	0.2 [29.0]	10	-0.1 - 0.9 [-14.5 - 130.5]	5 - 60 [41 - 140]
VA250A	3/2 Single External Pilot Vacuum	42 [1.65]	0.76	15 [0.591]	Rc 1/4 [upon request]	Inline	Direct	N/A	0.2 [29.0]	10	-0.1 - 0.9 [-14.5 - 130.5]	5 - 60 [41 - 140]
VA500A	3/2 Single External Pilot Vacuum	73 [2.87]	2.7	55 [2.165]	Rc 1/2 [upon request]	Inline	Direct	N/A	0.2 [29.0]	10	-0.1 - 0.9 [-14.5 - 130.5]	5 - 60 [41 - 140]
VV2503A	3/2 Single Vacuum Pilot Vacuum	42 [1.65]	0.76	15 [0.591]	Rc 3/8 [upon request]	Inline	Direct	N/A	-0.1 [-14.5]	10	-0.1 - 0.9 [-14.5 - 130.5]	5 - 60 [41 - 140]
VV250A	3/2 Single Vacuum Pilot Vacuum	42 [1.65]	0.76	15 [0.591]	Rc 1/4 [upon request]	Inline	Direct	N/A	-0.1 [-14.5]	10	-0.1 - 0.9 [-14.5 - 130.5]	5 - 60 [41 - 140]
VV500A	3/2 Single Vacuum Pilot Vacuum	73 [2.87]	2.7	55 [2.165]	Rc 1/2 [upon request]	Inline	Direct	N/A	-0.1 [-14.5]	10	-0.1 - 0.9 [-14.5 - 130.5]	5 - 60 [41 - 140]