



## Round Type - Air Piloted Valves

Low leak and high durability and reliability in applications with contamination in the supply air lines. The Selection Guide provides a summary of the 46 different Round Type - Air Piloted Valves.

- Rc 1/8 Pilot Port
- Diaphragm & Poppet Designs for High Frequency Operation
- Unique Double Air Pilot Model Available
- Inline Plumbing Available
- Required Pilot Pressure as Low as 0.15 PSI
- 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	2/2 Single Air Pilot	2/2 Single Air Pilot Low Pilot Pressure	2/2, 3/2 Double Air Pilot Vacuum
3/2 Double Air Pilot	3/2 Single Air Pilot	3/2 Single Air Pilot Internal Pilot Hold	3/2 Single Air Pilot Low Pilot Pressure
3/2 Single Air Pilot Vacuum	3/2 Single External Pilot Vacuum	3/2 Single Vacuum Pilot Vacuum	4/2 Single Air Pilot
4/2 Single Air Pilot Internal Pilot Hold	5/2 Single Air Pilot	5/2 Single Air Pilot Internal Pilot Hold	

## Round Type - Air Piloted Valves

[Click Here for Access to Catalogs, CAD Drawings, Videos and More!](#)

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]
125A-2	2/2 Single Air Pilot	30 [1.18]	0.27	5.5 [0.217]	Rc 1/8 [upon request]	Inline	Direct	N/A	0.16 [23.2]	10	0 - 0.9 [0.0 - 130.5]	5 - 60 [41 - 140]
250A-2	2/2 Single Air Pilot	42 [1.65]	0.76	15 [0.591]	Rc 1/4, Rc 3/8 [upon request]	Inline	Direct	N/A	0.1 [14.5]	10	0 - 0.9 [0.0 - 130.5]	5 - 60 [41 - 140]

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

### Round Type - Air Piloted Valves

[Click Here for Access to Catalogs, CAD Drawings, Videos and More!](#)

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]
375A-2	2/2 Single Air Pilot	40 [1.57]	3.5	70 [2.756]	Rc 3/8 [upon request]	Inline	Direct	N/A	0.1 [14.5]	10	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
501A-2	2/2 Single Air Pilot	40 [1.57]	3.5	70 [2.756]	Rc 1/2 [upon request]	Inline	Direct	N/A	0.1 [14.5]	10	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
750A-2	2/2 Single Air Pilot	60 [2.36]	7	140 [5.512]	Rc 3/4 [upon request]	Inline	Direct	N/A	0.1 [14.5]	3	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
1000A-2	2/2 Single Air Pilot	68 [2.68]	14	280 [11.024]	Rc 1 [upon request]	Inline	Direct	N/A	0.1 [14.5]	4	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
1250A-2	2/2 Single Air Pilot	68 [2.68]	14	280 [11.024]	Rc 1 1/4 [upon request]	Inline	Direct	N/A	0.1 [14.5]	4	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
125LA-2	2/2 Single Air Pilot Low Pilot Pressure	32 [1.26]	0.27	5.5 [0.217]	Rc 1/8 [upon request]	Inline	Direct	N/A	0.001 [0.1]	5	0.2 - 0.9 [29.0 - 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]
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]
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]
125A	3/2 Single Air Pilot	30 [1.18]	0.27	5.5 [0.217]	Rc 1/8 [upon request]	Inline	Direct	N/A	0.16 [23.2]	10	0 - 0.9 [0.0 - 130.5]	5 - 60 [41 - 140]
250A	3/2 Single Air Pilot	42 [1.65]	0.76	15 [0.591]	Rc 1/4, Rc 3/8 [upon request]	Inline	Direct	N/A	0.1 [14.5]	10	0 - 0.9 [0.0 - 130.5]	5 - 60 [41 - 140]
500A	3/2 Single Air Pilot	73 [2.87]	2.7	55 [2.165]	Rc 1/2 [upon request]	Inline	Direct	N/A	0.1 [14.5]	10	0 - 0.9 [0.0 - 130.5]	5 - 60 [41 - 140]
501A	3/2 Single Air Pilot	40 [1.57]	3.5	70 [2.756]	Rc 1/2 [upon request]	Inline	Direct	N/A	0.1 [14.5]	10	0 - 0.9 [0.0 - 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

### Round Type - Air Piloted Valves

[Click Here for Access to Catalogs, CAD Drawings, Videos and More!](#)

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]
375A	3/2 Single Air Pilot	40 [1.57]	3.5	70 [2.756]	Rc 3/8 [upon request]	Inline	Direct	N/A	0.1 [14.5]	10	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
750A	3/2 Single Air Pilot	60 [2.36]	7	140 [5.512]	Rc 3/4 [upon request]	Inline	Direct	N/A	0.1 [14.5]	3	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
1250A	3/2 Single Air Pilot	68 [2.68]	14	280 [11.024]	Rc 1 1/4 [upon request]	Inline	Direct	N/A	0.1 [14.5]	4	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
1000A	3/2 Single Air Pilot	68 [2.68]	14	280 [11.024]	Rc 1 [upon request]	Inline	Direct	N/A	0.1 [14.5]	4	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
125AA	3/2 Single Air Pilot Internal Pilot Hold	30 [1.18]	0.27	5.5 [0.217]	Rc 1/8 [upon request]	Inline	Direct	N/A	0.2 [29.0]	10	0.2 - 0.9 [29.0 - 130.5]	5 - 60 [41 - 140]
250AA	3/2 Single Air Pilot Internal Pilot Hold	42 [1.65]	0.76	15 [0.591]	Rc 1/4, Rc 3/8 [upon request]	Inline	Direct	N/A	0.2 [29.0]	10	0.2 - 0.9 [29.0 - 130.5]	5 - 60 [41 - 140]
125LA	3/2 Single Air Pilot Low Pilot Pressure	32 [1.26]	0.27	5.5 [0.217]	Rc 1/8 [upon request]	Inline	Direct	N/A	0.001 [0.1]	5	0.2 - 0.9 [29.0 - 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]
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]
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]
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]
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]
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]
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]

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

## Round Type - Air Piloted Valves

[Click Here for Access to Catalogs, CAD Drawings, Videos and More!](#)

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]
254-4A	4/2 Single Air Pilot	68 [2.68]	0.76	15 [0.591]	Rc 1/4, Rc 3/8 [upon request]	Inline, Block Manifold	Direct	N/A	0.1 [14.5]	6	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
501-4A	4/2 Single Air Pilot	83 [3.27]	2.5	50 [1.969]	Rc 1/2 [upon request]	Inline	Direct	N/A	0.1 [14.5]	6	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
375-4A	4/2 Single Air Pilot	83 [3.27]	2.5	50 [1.969]	Rc 3/8 [upon request]	Inline	Direct	N/A	0.1 [14.5]	6	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
750-4A	4/2 Single Air Pilot	125 [4.92]	5	100 [3.937]	Rc 3/4 [upon request]	Inline	Direct	N/A	0.1 [14.5]	3	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
1000-4A	4/2 Single Air Pilot	140 [5.51]	12	240 [9.449]	Rc 1 [upon request]	Inline	Direct	N/A	0.1 [14.5]	4	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
1250-4A	4/2 Single Air Pilot	140 [5.51]	12	240 [9.449]	Rc 1 1/4 [upon request]	Inline	Direct	N/A	0.1 [14.5]	4	0 - 0.9 [0.0 - 130.5]	0 - 60 [32 - 140]
254AA	4/2 Single Air Pilot Internal Pilot Hold	68 [2.68]	0.76	15 [0.591]	Rc 1/4, Rc 3/8 [upon request]	Inline, Block Manifold	Direct	N/A	0.1 [14.5]	6	0.1 - 0.9 [14.5 - 130.5]	0 - 60 [32 - 140]
501-4AA	4/2 Single Air Pilot Internal Pilot Hold	83 [3.27]	2.5	50 [1.969]	Rc 1/2 [upon request]	Inline	Direct	N/A	0.1 [14.5]	6	0.1 - 0.9 [14.5 - 130.5]	0 - 60 [32 - 140]
375-4AA	4/2 Single Air Pilot Internal Pilot Hold	83 [3.27]	2.5	50 [1.969]	Rc 3/8 [upon request]	Inline	Direct	N/A	0.1 [14.5]	6	0.1 - 0.9 [14.5 - 130.5]	0 - 60 [32 - 140]
250-4A	5/2 Single Air Pilot	65 [2.56]	0.76	15 [0.591]	Rc 1/4, Rc 3/8 [upon request]	Inline	Direct	N/A	0.15 [21.8]	10	0.07 - 0.9 [10.2 - 130.5]	5 - 60 [41 - 140]
250-4AA	5/2 Single Air Pilot Internal Pilot Hold	65 [2.56]	0.76	15 [0.591]	Rc 1/4, Rc 3/8 [upon request]	Inline	Direct	N/A	0.2 [29.0]	10	0.2 - 0.9 [29.0 - 130.5]	5 - 60 [41 - 140]