

Air Actuated Stainless Ball Valves

- 2-Piece -



These **Stainless Air Actuated Valves** incorporate a full port **2-piece** stainless steel ball valve for great flow rates with minimal pressure drop. The valve features a blowout proof stem for added safety, reinforced PTFE seats and seals for longer life, and a 316 SS (ASTM CF8M) ball for better performance. Actuators are direct mounted creating a compact assembly for tight spaces.

DA Double Acting Actuator Models use an air supply to drive the valve open and closed. The actuator has two supply ports, with one driving the valve open and the other driving the valve closed. The **SR Spring Return Models** use the air supply to open the valve and internally loaded springs return the valve to the closed position when air supply is cut off.

Features: Capable of being configured to fit most any application • Vented ball to reduce operating torque • Full port design reduces the pressure drop across the valve. Rated to 1000 PSI at 250° F. and 29" vacuum • 80 PSI required to actuate.

Applications:

- Gas or Liquid Flow Control
- Ideal for Quick Bubble Tight Shut-Off

Also available with electric actuators (*weather-proof or explosion-proof*). Electric solenoids and limit switches.

Air-Actuated - Double Acting

Part No.	Description
KC 830650	1/2" Stainless Ball Valve.....
KC 830651	3/4" Stainless Ball Valve.....
KC 830652	1" Stainless Ball Valve.....
KC 830655	1-1/4" Stainless Ball Valve.....
KC 830653	1-1/2" Stainless Ball Valve.....
KC 830654	2" Stainless Ball Valve.....
KC 830654-LS	2" Stainless Ball Valve, Actuator Has Limit Switch.....
KC 830656	3" Stainless Ball Valve.....

Air-Actuated - Spring Return

Part No.	Description
KC 830650SR	1/2" Stainless Ball Valve.....
KC 830651SR	3/4" Stainless Ball Valve.....
KC 830652SR	1" Stainless Ball Valve.....
KC 830655SR	1-1/4" Stainless Ball Valve.....
KC 830653SR	1-1/2" Stainless Ball Valve.....
KC 830654SR	2" Stainless Ball Valve.....
KC 830656SR	3" Stainless Ball Valve.....

3-Piece Sanitary Stainless Ball Valves

1,000 PSI Rated Bodies
Tri-Clamp Ends Rated to 200PSI

Features:

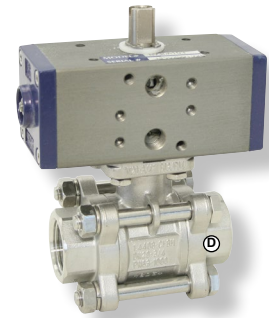
- 316SS Body, Ball & Stem.
- Anti-Static Ball.
- PTFE Seats & Seals.
- Lockable Handle.
- Tri-Clamp Fittings.



Part No.	Size	PSI	Wt.
GN 2S12	1/2"	1,000	2 lbs.
GN 2S34	3/4"	1,000	2 lbs.
GN 2S100	1"	1,000	2 lbs.
GN 2S112	1-1/2"	1,000	4 lbs.
GN 2S200	2"	1,000	7 lbs.
GN 2S300	3"	1,000	10 lbs.
GN 2S400	4"	1,000	-

Air Actuated Stainless Ball Valves

316SS • 3-Piece

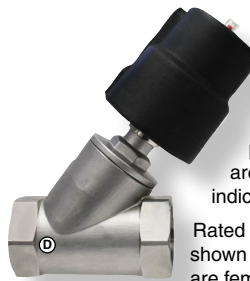


3-Piece construction allows for quick and easy in line cleaning. 316 Stainless steel investment casting and stem ball. Teflon seat, seal and stem packing. Standard with double-acting pneumatic actuators (*spring return & electric available*). Rated to 1,000 PSI liquid. 80 PSI air pressure to actuator. Temperatures to 390° F. (*Spring return also available*).

Part No.	Size	Max. PSI
GN 2K12	1/2" FPT	1,000
GN 2K34	3/4" FPT	1,000
GN 2K100	1" FPT	1,000
GN 2K112	1-1/2" FPT	1,000
GN 2K200	2" FPT	1,000
GN 2K300	3" FPT	1,000



Air Actuated Angle Seat Valves



Pneumatic Angle Seat Valves are available with single or double acting piston actuators. Suitable for many general service applications such as Air, Gas, Steam and Liquids. Angle design allows for High flow with minimum pressure drop. Valve bodies are 304SS, Actuators are Aluminum, Seals are PTFE Teflon. Visual indicators are standard on Actuators.

Rated from -20 to +400F. Valve operating pressures shown below. Actuators rated to 116 psi. Valve ports are female NPT. Actuator ports are 1/8" Fpt.

- Common applications are:** Process controls • Packaging • Refrigeration • Road maintenance • Air dryers • Nitrogen generation • Feed processing • Industrial Air Compressors • Wastewater Treatment • Chemical processing • Steam applications and more.

Normally closed and Normally open valves are shown but Double acting valves are also available in all sizes.

Part No.	* Fpt Size	Single Acting	Max Pressure
KG KAV734905-20	3/4"	Norm Closed	232 psi
KG KAV734905-25	1"	Norm Closed	162 psi
KG KAV734908-40	1-1/2"	Norm Closed	232 psi
KG KAV734908-50	2"	Norm Closed	155 psi
KG KAV834905-20	3/4"	Norm Open	232 psi
KG KAV834905-25	1"	Norm Open	162 psi
KG KAV834908-40	1-1/2"	Norm Open	232 psi
KG KAV834908-50	2"	Norm Open	155 psi

* Most popular sizes shown but other sizes available.

Electric Actuated SS Ball Valves

The **25 Series Ball Valves** from *Chicago Valves & Controls*. This product line is a 2-piece, 316 stainless-steel, electrically actuated ball valve and is available in multiple sizes. Due to the 316SS bodies, balls, and stems, the **25 Series** has high chemical resistance/tolerance with a RTFE seat. The actuator size varies based upon the size of the valve. However, all actuators are direct mount and designed to be used at 110-volt power supply. Full-port valves for enhanced flow characteristics. High cycle live loaded stem packing. Anti-static design.



Technical Data:

31 Body Material:	Pressure Rating: 1000 PSI Max.
316SS or Carbon Steel	Temperature Rating: 450°F Max.
Seat: RTFE	Vacuum Rating: Vacuum (29" Hg)
Stem/Ball: 316SS	Inlet/Outlet: FPT



Part No.	Description
KC 830100	1/2" Ball Valve, 316SS, Elect. Actuator, 110V.....
KC 830105	3/4" Ball Valve, 316SS, Electric Actuator, 110V.....
KC 830111	1" Ball Valve, 316SS, Electric Actuator, 110V.....
KC 830150	1-1/2" Ball Valve, 316SS, Electric Actuator, 110V.....
KC 830200	2" Ball Valve, 316SS, Electric Actuator, 110V.....
KC 830300	*3" Ball Valve, 316SS, Electric Actuator, 110V.....

* Rated to 800 Maximum PSI