aalberts integrated piping systems

more information?

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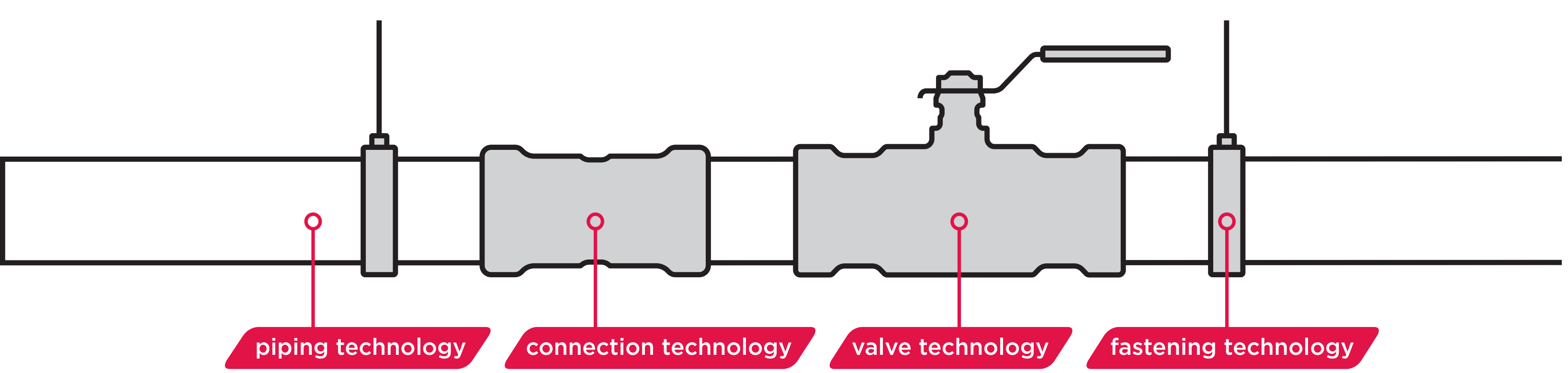
Aalberts integrated piping systems
customer service 704.841.6000(US) | 905.851.9494(CAN)



Aalberts integrated piping systems
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ASME B16.34 ball valves

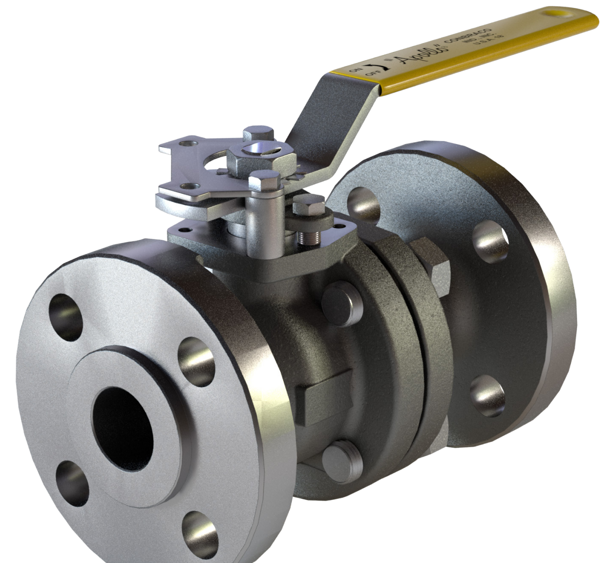
industrial ball valve selection

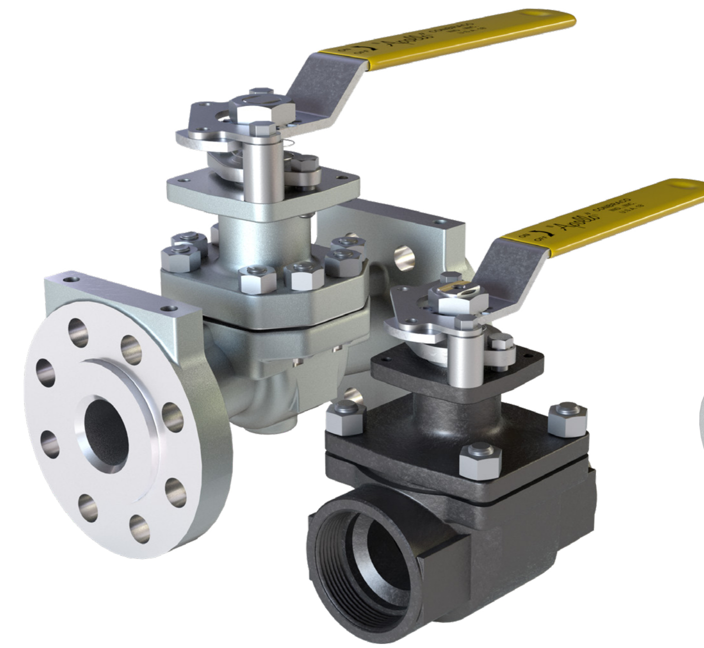
- heavy duty ASME B16.34 class 150, 300 & 600 designs
- class 600 full port flange valves
- single-source responsibility
- broad range of materials
- high flow capacity
- full range of valve options
- models available for specific services such as chlorine, oxygen, NACE
- complete range of actuators and accessories

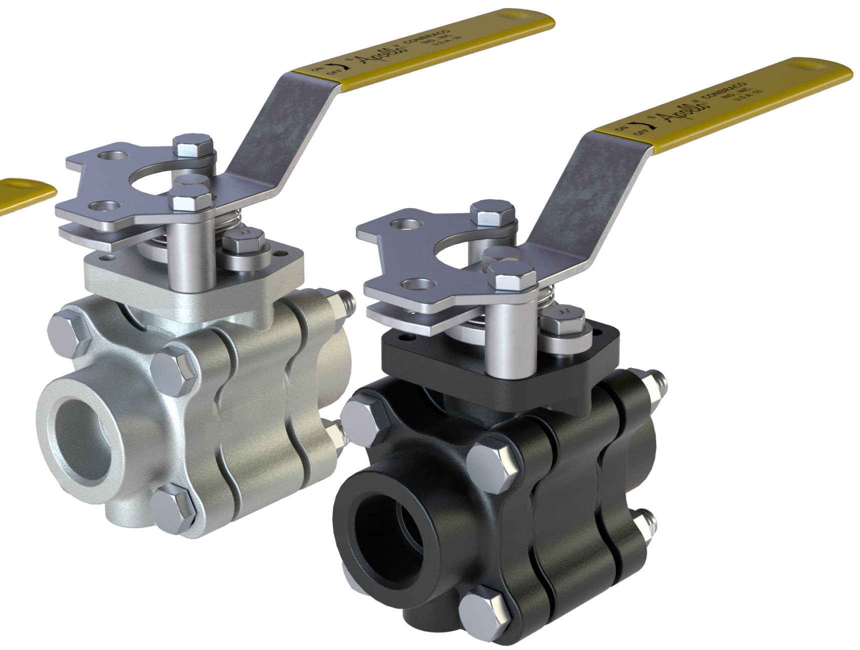
"Apollo"® Valves industrial ball valves are designed, cast, machined, assembled and tested at our state-of-the-art facilities located in the USA. Vertical manufacturing operations assure better quality control, better cost control, and the shortest delivery lead times possible.

available alloys:

- WCB carbon steel
- LCC carbon steel
- CF8M stainless steel
- CF3M stainless steel
- alloy 20
- duplex | super duplex
- Hastelloy®
- nickel
- Monel®
- titanium
- bronze | lead free bronze
- 85-5-5-5 bronze







87A|88A high performance flanged valves

“Apollo”® 87A and 88A series, ASME Class 150 and 300 flanged ball valves are available in stainless steel, carbon steel and specialty alloys in sizes from ½” to 12” (DN 15 to DN 300). They include as standard many features offered only as options on competitive valves. When specified with the “-24” suffix, which includes a graphite gasketb body seal and graphite multi-ring stem packing, “Apollo”® flanged valves are certified fire-safe to API 607 5th or 6th edition.

features:

- regular and full port asme designs
- available in uni-body and easy to repair split body designs
- anti-static grounded ball and stem
- locking device
- ISO 5211 mounting pad
- vacuum service to 29” of Hg (737 mm Hg)
- 150 psig saturated steam rating (optional Class 300 configuration with 250 psig saturated steam rating)
- broad range of materials, options, configurations, and actuation
- cast, machined, assembled and tested in the U.S.A.

87AF|88AF flanged valves ASME class 600

“Apollo”® 87A-F, 88A-F, & 88L-F series ASME class 600 flange ball valves are available in stainless steel, carbon steel and low temperature carbon steel in sizes 1” to 8” (DN25 to DN200). A broad range of specialty alloy materials, options and configurations are also available. “Apollo”® industrial ball valves provide positive shut-off and outstanding performance in an extensive range of industrial applications.

features:

- fully compliant to ASME B16.34 & API 608
- two position locking device (valves 6” & smaller)
- chevron style adjustable stem seals
- ISO 5211 mounting pad bolt pattern
- slot vented ball for thermal expansion
- anti-static grounded ball & stem
- blow-out proof stem design
- rated for 250 psig saturated steam (with appropriate seat/seal options)
- API 607 fire safe to 6th edition (with appropriate seat/seal options)
- vacuum service to 29 inches of Hg (737 mm Hg)
- NACE MR0175 (2000) and MR0103 (2003) compliant
- cast, machined, assembled and tested in the U.S.A.

top entry inline repairable built to last

Available in ASME Class 150, 300 and 600, they’re available configured to withstand temperatures from -150°F to 1000°F (-101°C to 538°C) and pressures from vacuum to 1500 psig (103 bar). Apollo® top entry ball valves are offered in sizes 1/2” to 12” (DN 15 to DN 300). New to this line is the ISO 5211 mounting pad bonnet design.

It is easy to match an “Apollo”® top entry ball valve to your specs. You can select from 15 body materials, 14 different seating materials in four seat designs, 14 ball material choices including ceramics, 7 end configurations and 4 interchangeable bonnet styles, including extended bonnets. This design offers you improved flow rates and lower pressure drops. Their unique seven-degree wedge seat design compensates for wear or thermally induced dimensional changes, so you get a longer life out of every valve.

The wedge seat design also makes inspection and service easier. The top entry design is suitable for rebuilding inline, thus minimizing maintenance downtime. Potential leak paths are minimized by the one piece body design.

Fire-safe compliant: When specified, “Apollo”® top entry valves can be furnished with trim designs suitable for fire-safe applications.

83B|86B three-piece valves ASME class 600

“Apollo”® full-port, 3-piece ASME Class 600 ball valves are available in sizes from ¼” to 2” (DN 8 to DN 50) with a wide range of trim packages and end configurations. Body materials include stainless steel, carbon steel and special corrosion resistant alloys. Every size is ASME Class 600 rated, unlike some other manufacturers’ valves, which are de-rated in the larger sizes. The “Apollo”® 3-piece valve is a rugged heavy wall design, satisfying all of the requirements of ASME/ANSI - B16.34, B31.1 and B31.3.

Built for extended service and minimal maintenance, they’re ideal for harsh plant environments where reliable operation is critical: pulp and paper, power generation, oil fields, refineries and chemical processing.

“Apollo”® ASME Class 600 3-piece valves offer specifying engineers real advantages.

features

- swing-out center section for true in-line repairability
- available in a variety of end connections: threaded, socket weld, butt weld
- pressure-balanced solid ball
- anti-blowout bottom entry stem design
- antistatic ground ball and stem
- lockable in open or closed position
- fully machined ISO 5211 actuator mounting
- 250 psig (17 bar) saturated steam rating
- vacuum service to 29” of Hg (737 mm Hg)
- broad range of materials, options, configurations, and actuation
- cast, machined, assembled and tested in the U.S.A.