

JAMES JONES BALL VALVES

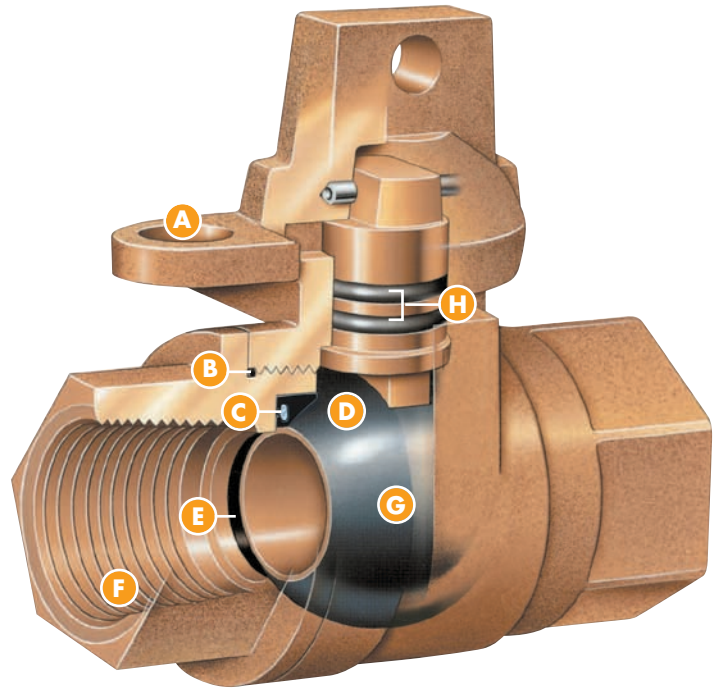


There is a James Jones Ball Valve for your application.



Designed and manufactured to meet your needs

- A** Lockwing (when equipped on meter valve) accepts bullet lock.
- B** O-ring.
- C** Stainless steel reinforced seat gaskets assure reliable seal under full flow and pressure.
- D** Stem/ball connection optimized for strength to resist shearing or twisting.
- E** Straight-through design of in-line valves allows maximum flow and minimum pressure loss.
- F** Full thread depth on FIP ends (meets ANSI/AWWA C800 standard).
- G** FLUOROCARBON coated ball ensures smooth operation.
- H** Double-stem O-rings supported in machined grooves for secure, leak-tight operation.



- 300 psig working pressure rating.
- Quarter-turn valves feature strong checks.
- Checkless 360° rotation available.
- Bronze components are constructed of solid 85-5-5-5 brass for strength and durability (meets ASTM standard).
- Lever handles available.

- Blow-out-proof stem design prevents separation and ensures dependability and safety.
- James Jones ball valves are suitable for use as test valves on backflow preventers (in compliance with Notice 89-001 of F.C.C.C. and H.R., which requires blow-out-proof stems).
- Swivel nut on 3/4" and 1" meter valves; flange on 1-1/2" and 2" meter valves.

Angle meter and service ball valves ▼

James Jones angle meter ball valves utilize a unique design that provides effective sealing, with flow from either direction. A second valve may be installed downstream from the meter, allowing meter change-outs without pit flooding.

These valves are also available on James Jones copper meter yokes.

SIZES AND CONNECTIONS*

- **Meter sizes (outlets):** 5/8", 5/8" x 3/4" or 3/4", 1", 1-1/2", 2". Up to 1" are meter swivel nut; 1-1/2" and 2" are two-bolt meter flange. Flanges are double-drilled to accept either 1-1/2" or 2" meters.
- **Inlet sizes:** 3/4"**, 1"**, 1-1/2", 2".
- **Inlet/outlet connection combinations:** James Jones 110 Compression Connections for either CTS tubing or IPS pipe, copper flare***, pack joint (CTS), and male and female iron pipe thread.



Options ▼

James Jones curb, meter and service valves are available with full port, or reduced port in selected sizes. They are regularly furnished with a quarter-turn check – contact the James Jones Customer Service Center to order optional 360° turn valves. Larger curb valves may be ordered with an integral 2" square wrench nut as an option (a 2" nut is also available as a separate piece that can be pinned to the existing valve cap).

James Jones Ball Valves are available in both angle and in-line styles for use on cast iron meter bars (with lock nut outlet), and on cast iron meter yoke boxes. Angle valves are also offered in an extensive selection of copper meter yokes and resetters. Refer to the James Jones Water Distribution Products Catalog for full details, or contact a James Jones Representative.

Handles ▼

Angle and straight lever handles are available (straight in choice of two lengths) to fit both 3/4" and 1" meter valves. A handle code with the industry standard color for reclaimed water is also available.



*Check the James Jones Water Distribution Products catalog or contact James Jones Customer Service for the availability of specific size and connection combinations.

**Available in reduced port style.

***Available with FIP outlet option in selected sizes.

Let's talk about your needs

There are over 600 products in the comprehensive James Jones ball valve line. We're continually expanding this line to meet the changing needs of the marketplace. If the ball valve you need is not included in this brochure, please call us at 1-800-871-2194 to discuss your requirements.

We would appreciate the opportunity to work with you.

James Jones...your assurance of quality, dependable ball valves

The ball valve designed for 300 psig working pressure

The James Jones Ball Valve is a comprehensive line of valves with distinct features which set them apart from the competition throughout the marketplace.

Consider these special advantages of James Jones ball valves:

- 300 psig working pressure—the highest in the industry, far exceeding AWWA standards; 300 psig working pressure allows your system to grow and handle increased pressures.
- Longevity—designed for strength and durability, especially at the critical ball-to-stem connection.
- Blow-out-proof stem—prevents stem ejection and assures reliability.
- Quarter-turn check is located under the valve cap. Location and strength of material around the check help prevent breakage or leaks should over-torquing occur.
- True bi-directional flow capability in all styles.
- The enlarged cap on curb valves is easy to locate and turn in the curb box or pit.
- The cap's sloping shoulders shed dirt to aid operating wrench engagement. James Jones ball valves are available in corporation, curb, service, in-line meter and angle meter styles, with a full selection of connection options, including the James Jones 110 Compression Connections.

James Jones stands for quality and service

Our priority is manufacturing quality, dependable, competitively priced products—products that install properly, perform as expected and are easy to maintain. Every ball valve we make is tested before shipment to verify performance. Our distributors have a thorough knowledge of the waterworks industry. And with our field sales and customer service representatives, you are assured that assistance is always available should you need it.



Corporation ball valves ▼

James Jones corporation ball valves offer reliable service, and are available with either AWWA thread or iron pipe thread inlets. Corporation ball valves are easy to install and require no adjustment for easy turning. A style is available which includes a "Reclaimed Water" tag attached prominently at the base of the operating stem.

SIZES AND CONNECTIONS*

- **Sizes:** 3/4", 1", 1-1/2", 2".
- **Connection combinations:**
 - Inlets - AWWA thread, IP.
 - Outlets - James Jones 110 Compression Connections for either CTS tubing or IPS pipe, copper flare, pack joint (CTS), and male and female iron pipe thread.



Curb ball valves ▼

You can specify a James Jones curb ball valve with the confidence it will provide years of trouble-free service without replacement or special attention, helping to control rising maintenance costs. James Jones curb valves offer premium quality, long-term durability, dependability and performance. Valves are available with or without a lockwing.

SIZES AND CONNECTIONS*

- **Sizes:** 3/4"**, 1"**, 1-1/2", 2".
- **Inlet/outlet connection combinations:** James Jones 110 Compression Connections for either CTS tubing or IPS pipe, copper flare, pack joint (CTS, IPS, PEP, PVC), and male and female iron pipe thread.

Figure A: The Minneapolis-pattern top thread is available on curb ball valves in sizes 3/4" through 2". Curb boxes are designed to thread onto Minneapolis-pattern curb ball valves, producing a rigid assembly. (Threads are notched to allow water to drain from box.)



Figure A



In-line meter and service ball valves ▼

James Jones in-line meter ball valves may be specified for all types of commercial and residential meter installations. They are easy to operate and offer reliable performance over many years.

SIZES AND CONNECTIONS*

- **Meter sizes (outlets):** 5/8", 5/8" x 3/4" or 3/4", 1", 1-1/2", 2".
Up to 1" are meter swivel nut; 1-1/2" and 2" are two-bolt meter flange.
- **Inlet sizes:** 3/4"**, 1"**, 1-1/2", 2".
- **Inlet/outlet connection combinations:** James Jones 110 Compression Connections for either CTS tubing or IPS pipe, copper flare, pack joint (CTS, IPS), male and female iron pipe thread, meter swivel nut, and two bolt meter flange.

Many different lengths in FIP x flare and FIP x FIP styles especially suited for retro-fit applications are available. Contact your Jones Distributor, sales representative or customer service for more information.



*Check the James Jones Water Distribution Products catalog or contact James Jones Customer Service for the availability of specific size and connection combinations.

**Available in reduced port style.

JONES

Decatur, Illinois • 1-800-871-2194 • www.jamesjones.com

All products must be installed and maintained in accordance with applicable instructions and/or standards.

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