

MUELLER

300™ BALL VALVES

Industry-Leading 300 psi Low Lead Ball Valves





THE BALL VALVE DESIGNED FOR 300 PSIG WORKING PRESSURE

Before designing this comprehensive line of ball valves, we looked at the needs of the marketplace.

We studied existing designs to see how well those needs were being met. And, most importantly, we asked valve users across the country what they wanted in a ball valve.

The result is the Mueller® 300 Ball Valve, a comprehensive line of valves with distinct features which set them apart from the competition.

Mueller Ball Valves are available in corporation, curb, service, in-line meter and angle meter styles, with a full selection of connection options, including Mueller 110® Compression Connections.



300 BALL VALVES

YOUR ASSURANCE OF QUALITY, DEPENDABLE 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
- **True Bi-Directional Flow**—Capability in all styles
- **Prevent Breakage or Leaks**—Quarter-turn check located under the valve cap and strength of material around the check help avoid breakage and leaks caused by over-torquing
- **Ease of Use**—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

CORPORATION BALL VALVES

Mueller Corporation Ball Valves offer reliable service, and are available with either CC or AWWA Iron Pipe thread inlets specially matched to Mueller Drilling and Tapping Tools to assure leak-tight installation. Corporation Ball Valves are easy to install and require no adjustment for easy turning.

SIZES

- Sizes: ¾", 1", 1½", 2"

CONNECTION COMBINATIONS

- Inlets: CC, AWWA IP
- Outlets: Mueller 110® Compression Connections (CTS, PEP), copper flare, pack joint (CTS, PEP, PVC), Mueller Grip, and outside and inside iron pipe thread



CURB BALL VALVES

You can specify a Mueller Ball Curb Valve with the confidence it will provide years of trouble-free service without replacement or special attention, helping to control rising maintenance costs. Mueller Curb Valves offer premium quality, long-term durability, dependability and performance. Valves are available with or without a lockwing. Stop and drain option available.

SIZES AND CONNECTIONS

- Sizes: ¾", 1", 1½", 2"
- Inlet/outlet connection combinations: Mueller 110 Compression Connections (CTS, PEP), copper flare, pack joint (CTS, PEP, PVC), Mueller Grip, and outside and inside iron pipe thread
- The Minneapolis-pattern top thread is available on curb valves in sizes ¾" through 2"



300™ BALL VALVES

Your Assurance of Quality, Dependable Ball Valves

IN-LINE METER AND SERVICE BALL VALVES

Mueller In-Line Ball Meter 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): $\frac{5}{8}$ " $\frac{5}{8}$ " x $\frac{3}{4}$ " or $\frac{3}{4}$ ", 1", 1 $\frac{1}{2}$ ", 2"; up to 1" are meter swivel nut; 1 $\frac{1}{2}$ " and 2" are two-bolt meter flange
- Inlet sizes: $\frac{3}{4}$ ", 1", 1 $\frac{1}{2}$ ", 2"
- Inlet/outlet connection combinations: Mueller 110 Compression Connections (CTS, PEP), copper flare, pack joint (CTS, PEP, PVC), Mueller Grip, outside and inside iron pipe thread, meter swivel nut, and two-bolt meter flange

ANGLE METER AND SERVICE VALVES

Mueller 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 changeouts without pit flooding.

These valves are also available on Mueller Copper Meter Yokes. Critical centerline-to-end dimensions of the angle meter ball valve are the same as the Mueller Ground Key Angle Meter Stops, assuring interchangeability of existing meter installations.

SIZES AND CONNECTIONS

- Meter sizes (outlets): $\frac{5}{8}$ " $\frac{5}{8}$ " x $\frac{3}{4}$ " or $\frac{3}{4}$ ", 1", 1 $\frac{1}{2}$ ", 2". Up to 1" are meter swivel nut; 1 $\frac{1}{2}$ " and 2" are two-bolt meter flange; flanges are double-drilled to accept either 1 $\frac{1}{2}$ " or 2" meters
- Inlet sizes: $\frac{3}{4}$ ", 1", 1 $\frac{1}{2}$ ", 2"
- Inlet/outlet connection combinations: Mueller 110® Compression Connections (CTS, PEP), copper flare**, pack joint (CTS, PEP, PVC), Mueller Grip

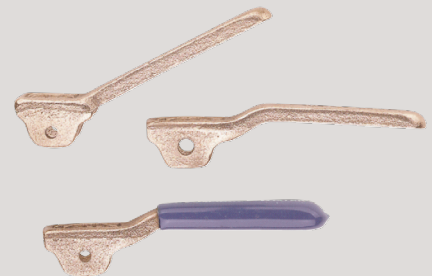
HANDLES

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

OPTIONS

Mueller 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 Mueller 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).

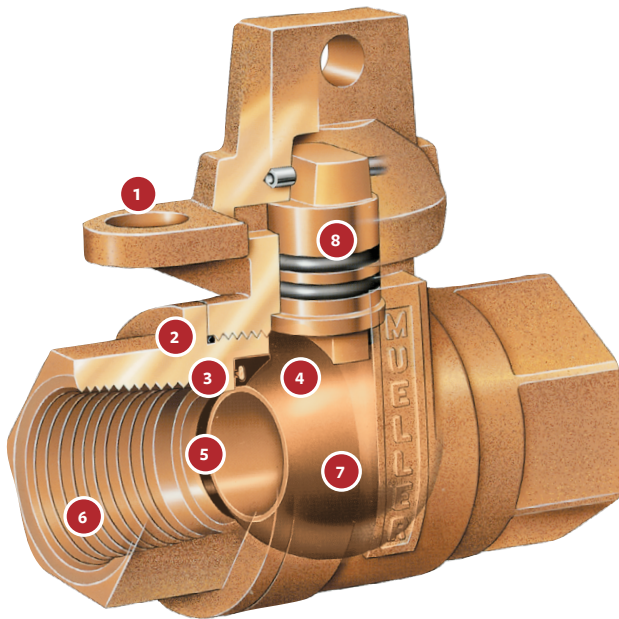
Mueller 300 Ball Valves are available in both angle and in-line styles for use on Mueller Cast Iron Meter Bars (with lock nut outlet), and on Mueller Cast Iron Meter Yoke Boxes. Angle valves are also offered in an extensive selection of Mueller Copper Meter Yokes and Resetters, and in Mueller Meter Boxes. Refer to the Mueller Water Distribution Products Catalog for full details, or contact a Mueller Representative.



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

** Available with outside thread outlet on select sizes.

DESIGNED & MANUFACTURED TO MEET YOUR NEEDS



- 1 Lockwing**
(When equipped on meter valve) accepts bullet lock
- 2 O-ring**
Ensures a positive seal under full flow and pressure
- 3 Reinforced Seat Gaskets**
Assure reliable seal under full flow and pressure
- 4 Stem/Ball Connection**
Optimized for strength to resist shearing or twisting
- 5 Straight-Through Design**
Of in-line valves allows maximum flow and minimum pressure loss
- 6 Full Thread Depth**
Depth on Threaded Ends (meets ANSI/AWWA C800 Standard)
- 7 Double-Stem O-rings**
Supported in machined grooves for secure, leak-tight operation

ADDITIONAL FEATURES

- 300 psig working pressure rating
- Quarter-turn valves feature strong checks
- Checkless 360° rotation available
- Wetted components are constructed of low lead brass for strength and durability (meets ASTM and AWWA standards)
- Lever handles available
- Blow-out-proof stem design prevents separation and ensures dependability and safety
- Mueller 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 $\frac{3}{4}$ " and 1" meter valves; flange on $1\frac{1}{2}$ " and 2" meter valves



READY TO LEARN MORE?

Scan the QR code to learn the potential and get in touch.

For more information about Mueller or to view our full line of water products, please visit www.muellerwp.com or call Mueller customer service at 1.800.423.1323.

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