

SERIES DBVL & SWBV | W.E. ANDERSON LOW LEAD BRASS BALL VALVE



FEATURES/BENEFITS

- IAPMO Certified to meet NSF/ANSI 372-2010 for lead regulated applications or projects
- Blowout-proof stem provides safety in the event of overpressure
- Full port NPT design allows for maximum flow coefficient while still retaining minimal pressure drop
- Valve body, body cap, and stem are constructed of a quality low lead brass for great durability and compatibility
- Seats and stem packing are constructed of PTFE for long lasting service
- 1/4" to 3" sizes are available for a variety of applications



APPLICATIONS

- Liquid, air, gas, and steam shutoff
- Cooling systems
- Irrigation

DESCRIPTION

The **SERIES DBVL & SWBV** Low Lead Brass Ball Valves are economical hand lever ball valves ideal for commercial or industrial use where lead content is regulated. The DBVL has NPT end connections for standard applications, and the SWBV has sweat connections for quick and simple installation.

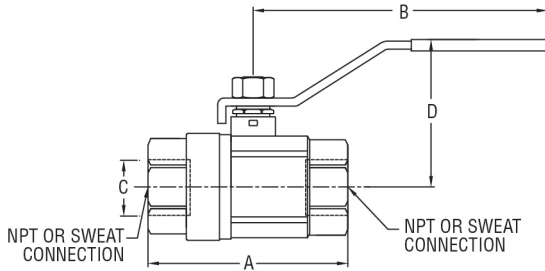
SPECIFICATIONS

| | |
|---------------------------|--|
| Service | Gases and liquids compatible with wetted materials. |
| End Connections | DBVL: 1/4" to 3" female NPT; SWBV: 1/4" to 3" sweat connections. |
| Pressure Limits | 1/4" to 2": -29" Hg to 600 psi (-736 mm Hg to 41 bar) WOG; DBVL: 2-1/2" to 3": -29" Hg to 250 psi (-736 mm Hg to 17 bar) WOG; SWBV: 2-1/2" to 3": -29" Hg to 400 psi; -736 mm Hg to 27 bar) WOG. |
| Temperature Limits | -40 to 365 °F (-40 to 185 °C). |
| Wetted Materials | Body, body cap, and stem: Brass; Seat and packing: PTFE; Ball: DBVL: 1/4" to 1": Chrome plated brass, 1-1/4" to 3": Stainless steel; SWBV: Stainless steel. |
| Other Materials | Body gland and stem nut: Brass; Handle and handle nut: Steel; Handle cover: Rubber. |
| Agency Approvals | Meets the technical requirements of EU Directive 2011/65/EU (RoHS II); IAPMO Certified to meet NSF/ANSI 372-2010. |





DIMENSIONS



| DBVL DIMENSIONS | | | | |
|-----------------|--------------|---------------|--------------|---------------|
| NPT Size | A in [mm] | B in [mm] | C in [mm] | D in [mm] |
| 1/4" | 1-3/4 [45] | 3-5/32 [80] | 25/64 [10] | 1-47/64 [44] |
| 3/8" | 1-3/4 [45] | 3-5/32 [80] | 25/64 [10] | 1-47/64 [44] |
| 1/2" | 2-3/64 [52] | 4-1/64 [102] | 19/32 [15] | 1-7/8 [47.5] |
| 3/4" | 2-23/64 [60] | 4-1/64 [102] | 3/4 [19] | 2-1/64 [51] |
| 1" | 2-3/4 [70] | 4-17/32 [115] | 63/64 [25] | 2-23/32 [69] |
| 1-1/4" | 3-5/16 [84] | 5 [127] | 1-17/64 [32] | 3-1/32 [77] |
| 1-1/2" | 3-21/32 [93] | 5-19/32 [142] | 1-37/64 [40] | 3-45/64 [94] |
| 2" | 4-3/16 [106] | 5-19/32 [142] | 1-31/32 [50] | 4 [101] |
| 2-1/2" | 5-3/8 [137] | 8-21/32 [220] | 2-33/64 [64] | 4-49/64 [121] |
| 3" | 6-1/32 [153] | 8-21/32 [220] | 2-29/32 [74] | 5-5/64 [129] |

| SWBV DIMENSIONS | | | | |
|-----------------|---------------|---------------|--------------|---------------|
| NPT Size | A in [mm] | B in [mm] | C in [mm] | D in [mm] |
| 1/4" | 1-55/64 [47] | 3-5/32 [80] | 23/64 [9] | 1-47/64 [44] |
| 3/8" | 1-55/64 [47] | 3-5/32 [80] | 1/2 [13] | 1-47/64 [44] |
| 1/2" | 2-15/64 [57] | 3-55/64 [98] | 5/8 [16] | 2-15/64 [57] |
| 3/4" | 2-51/64 [71] | 3-55/64 [98] | 7/8 [22] | 2-23/64 [60] |
| 1" | 3-35/64 [90] | 4-13/32 [112] | 1-1/8 [29] | 2-45/64 [69] |
| 1-1/4" | 4-1/8 [105] | 4-51/64 [122] | 1-3/8 [35] | 3-3/64 [77] |
| 1-1/2" | 4-11/16 [119] | 5-7/16 [138] | 1-5/8 [41] | 3-51/64 [96] |
| 2" | 5-35/64 [141] | 5-7/16 [138] | 2-1/8 [54] | 4-5/32 [105] |
| 2-1/2" | 6-39/64 [168] | 8-3/16 [208] | 2-41/64 [67] | 4-63/64 [126] |
| 3" | 6-57/64 [175] | 9-11/16 [246] | 3-13/32 [87] | 5-1/16 [129] |

HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code

| | | | |
|--|-------------|------------|--|
| | DBVL | -00 | |
| <p>SERIES</p> <p>DBVL - Low lead NPT brass ball valve</p> <p>SWBV - Low lead sweat brass ball valve</p> | | | <p>SIZE</p> <p>-00 - 1/4"</p> <p>-01 - 3/8"</p> <p>-02 - 1/2"</p> <p>-03 - 3/4"</p> <p>-04 - 1"</p> <p>-05 - 1-1/4"</p> <p>-06 - 1-1/2"</p> <p>-07 - 2"</p> <p>-08 - 2-1/2"</p> <p>-09 - 3"</p> |

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