



SERIES DBVL & SWBV | LOW LEAD BRASS BALL VALVES



BENEFITS/FEATURES

- Low lead brass
- PTFE seats to stem
- Blowout-proof stem

APPLICATIONS

- Gas or liquid flow control

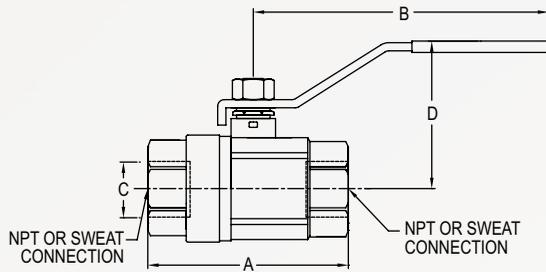
DESCRIPTION

The **Series DBVL & SWBV Low Lead NPT Brass Ball Valves** are economical hand lever ball valves ideal for commercial or industrial use where lead content is regulated. The valve body, body cap, and stem are made of a quality low lead brass for great durability and compatibility. The seats and stem packing are constructed of PTFE for long lasting service. A blowout-proof stem provides safety in the event of overpressure, and the full port design allows for the maximum flow coefficient while still retaining minimal pressure drop.

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 psi) 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": SS; SWBV: SS.
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).

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**

SERIES

DBVL: Low lead NPT brass ball valve

SWBV: Low lead sweat brass ball valve

SIZE

-00: 1/4"

-01: 3/8"

-02: 1/2"

-03: 3/4"

-04: 1" (SWBV only)

-05: 1-1/4" (SWBV only)

-08: 2-1/2"

-09: 3"

ORDER ONLINE TODAY!

dwyer-inst.com/Product/SeriesDBVL-SWBV

USA: California Proposition 65

△WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov



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