



## 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

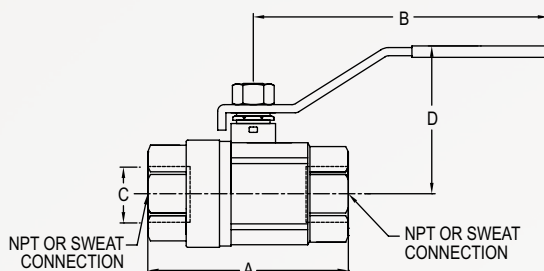
### DESCRIPTION

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

<b>Service</b>	Gases and liquids compatible with wetted materials.
<b>End Connections</b>	DBVL: 1/4" to 3" female NPT; SWBV: 1/4" to 3" sweat connections.
<b>Pressure Limits</b>	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.
<b>Temperature Limits</b>	-40° to 365°F (-40° to 185°C).
<b>Wetted Materials</b>	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.
<b>Other Materials</b>	Body gland and stem nut: Brass; Handle and handle nut: Steel; Handle cover: Rubber.
<b>Agency Approvals</b>	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		SIZE	
DBVL: Low lead NPT brass ball valve		-00: 1/4"	
SWBV: Low lead sweat brass ball valve		-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](http://dwyer-inst.com/Product/SeriesDBVL-SWBV)

USA: California Proposition 65  
 ⚠ WARNING: Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



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