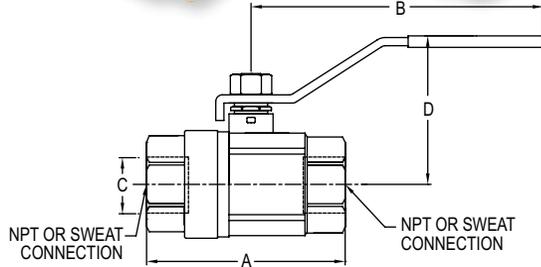


Dwyer

SERIES DBVL & SWBV

LOW LEAD NPT BRASS BALL VALVES

Economical, Easy to Install



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.

BENEFITS/FEATURES

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

APPLICATIONS

- Gas or liquid flow control

MODEL CHART

Model	Pipe Size (in)	Model	Pipe Size (in)
DBVL-00	1/4	SWBV-02	1/2
DBVL-01	3/8	SWBV-03	3/4
DBVL-02	1/2	SWBV-04	1
DBVL-03	3/4	SWBV-05	1-1/4
SWBV-00	1/4	SWBV-08	2-1/2
SWBV-01	3/8	SWBV-09	3

DBVL DIMENSIONS

NPT Size	A in [mm]	B in [mm]	C in [mm]	D in [mm]
1/4"	1-3/4 [44.6]	3-5/32 [80]	25/64 [10]	1-47/64 [44.2]
3/8"	1-3/4 [44.6]	3-5/32 [80]	25/64 [10]	1-47/64 [44.2]
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]	3-1/32 [94]
2"	4-3/16 [106.2]	5-19/32 [142]	1-31/32 [50]	4 [101]
2-1/2"	5-3/8 [136.6]	8-21/32 [220]	2-33/64 [64]	1-49/64 [121]
3"	6-1/32 [153.4]	8-21/32 [220]	2-29/32 [74]	5-5/64 [129]

SWBV DIMENSIONS

Sweat Size	A in [mm]	B in [mm]	C in [mm]	D in [mm]
1/4"	1-55/64 [47.24]	3-5/32 [80.01]	23/64 [9.14]	1-47/64 [43.94]
3/8"	1-55/64 [47.24]	3-5/32 [80.01]	1/2 [12.70]	1-47/64 [43.94]
1/2"	2-15/64 [56.90]	3-55/64 [98.04]	5/8 [15.75]	2-15/64 [56.90]
3/4"	2-51/64 [70.87]	3-55/64 [98.04]	7/8 [22.35]	2-23/64 [59.94]
1"	3-35/64 [89.92]	4-13/32 [112.01]	1-1/8 [28.70]	2-45/64 [68.58]
1-1/4"	4-1/8 [104.90]	4-51/64 [121.92]	1-3/8 [35.05]	3-3/64 [77.22]
1-1/2"	4-11/16 [119.13]	5-7/16 [137.92]	1-5/8 [41.40]	3-51/64 [96.27]
2"	5-35/64 [140.97]	5-7/16 [137.92]	2-1/8 [54.10]	4-5/32 [105.41]
2-1/2"	6-39/64 [167.89]	8-3/16 [207.77]	2-41/64 [67.06]	4-63/64 [126.49]
3"	6-57/64 [175.01]	9-11/16 [245.87]	3-13/32 [86.61]	5-1/16 [128.52]

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.

Compliance: Meets the technical requirements of EU Directive 2011/65/EU (RoHS II).

USA: California Proposition 65

WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.