

# 'BVBL' Forged Brass

**Highest quality brass valves with blow-out proof stem !  
NPT/SAE/BSP; Rated for 600 PSI ; UL/AGA/CSA/CGA**



The new DMIC 'BVBL' brings top quality and reliability into the domain of ordinary brass hydraulic valves. We realize the weakness of typical plumbing valves in hydraulic applications, and enter with a fully-certified valve that surpasses expectations, at a competitive price point.

- ☑ **Superior Design** features unrestricted bore, forged brass construction, and a blow-out proof spindle with no "jam-nut", for reliability and quality
- ☑ **Teflon Ball Seals** and Buna-N elastomer seals for wide compatibility range in mainstream hydraulic applications ; Rated for **600 PSI**
- ☑ **Chrome plated solid ball** (can be supplied vented for OEM quantities)
- ☑ Expressly designed as a **quality valve for simple installations**. To incorporate the vast array of DMIC Accessories, please specify 'BVAL'

## About the new DMIC 'BVBL' Brass series

DMIC Brass Ball Valves have always represented the pinnacle of quality and value. This new series raises the bar, with construction features derived from our premium U.S. made High Pressure Ball Valve designs.

DMIC Production elected not to nickel plate the new 'BVBL', eliminating a possible contamination issue (flaking of the nickel plate). Looks can be deceiving ! On the inside, 'BVBL' is among the finest brass valve designs offered in the marketplace, and meant to appeal to budget sensitive applications. Finally - top DMIC quality in an economy valve.

**We are proud to announce that in the NPT configuration, the 'BVBL' has full certifications for natural gas use, as well as UL, CSA, and FMS.**

BVBL	Physical Construction
Parameter	Material
BODY	<b>Forged Brass Body &amp; Endcap</b>
BALL	<b>Solid Brass, Chrome Plated</b>
SPINDLE	<b>Brass, Blow-Out Proof</b>
STD HANDLE	<b>Pressed Steel with Comfort Grip</b>
BALL SEALS	<b>PTFE (Teflon)</b>
O-RINGS	<b>Buna-N</b>
TEMP RANGE	<b>-22°F to 275°F (-30°/130°C)</b>
LIFE EXPECTANCY	<b>Over 1,000,000 cycles</b>



## Redefining the benchmark of quality, in brass...

This exploded view of the actual internals shows the OEM vented ball option.

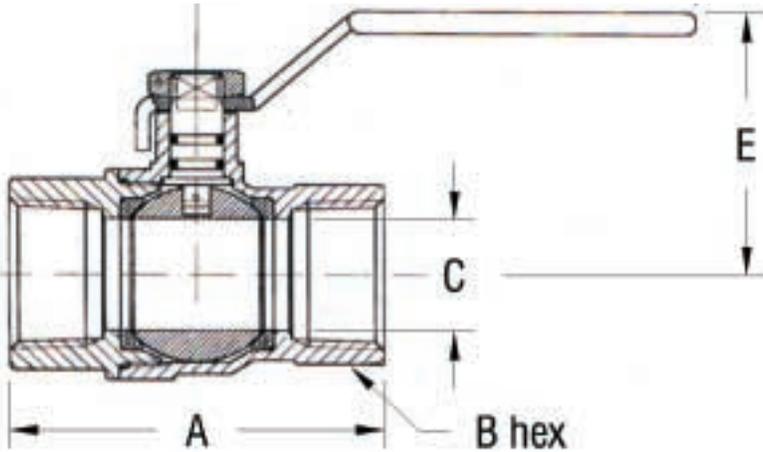
DMIC does not offer accessories, service parts or seal overrides for the 'BVBL', to bring you the lowest cost & fastest delivery.

BVBL	Parts BOM	
Index	Qty	Description
013	1	<b>Integrated Valve Body / Conn</b>
023	1	<b>Ball</b>
033	1	<b>Spindle, Brass</b>
042	2	<b>Teflon Ball Seal</b>
071	2	<b>Spindle Seal</b>
123	1	<b>Connection End</b>
161	1	<b>Handle Nut</b>



# 'BVBL' Brass 600 PSI

## Dimensional Sketch and Specifications



### Keeping It Simple Saves You Money

DMIC's 'BVBL' is Engineered for the new economic times, where cost reduction is paramount but quality expectations remain high. No frills, just 'Bang for the Buck'!

We offer this valve with no factory options except connection thread, as an alternative to marginal offshore products seen from the importers. For OEM quantity orders, DMIC can offer the 'BVBL' with a vented ball. Please call us toll free to discuss your OEM requirements.



BVBL	Common Dimensions						
	Part Number (replace * with desired thread, [N]pt [S]ae [B]sp)	Port Size	Rated Pressure PSI (bar)	DIMENSIONS in (mm)			
Valve Length A				Conn Hex B	Valve Bore C	Handle Length D	Bore Ctr to Handle E
<b>BVBL-0250*-3321</b>	1/4"	<b>600</b> 41.4	<b>1.97</b> 50.0	<b>0.83</b> 21.1	<b>0.39</b> 9.9	<b>3.34</b> 84.8	<b>1.53</b> 65.8
<b>BVBL-0375*-3321</b>	3/8"	<b>600</b> 41.4	<b>1.97</b> 50.0	<b>0.83</b> 21.1	<b>0.39</b> 9.9	<b>3.34</b> 84.8	<b>1.53</b> 65.8
<b>BVBL-0500*-3321</b>	1/2"	<b>600</b> 41.4	<b>2.44</b> 62.0	<b>1.02</b> 25.9	<b>0.59</b> 15.0	<b>3.34</b> 84.8	<b>1.77</b> 65.8
<b>BVBL-0750*-3321</b>	3/4"	<b>600</b> 41.4	<b>2.80</b> 71.1	<b>1.26</b> 32.0	<b>0.79</b> 20.1	<b>3.34</b> 84.8	<b>1.93</b> 95.8
<b>BVBL-1000*-3321</b>	1"	<b>600</b> 41.4	<b>3.27</b> 83.1	<b>1.61</b> 40.9	<b>0.98</b> 24.9	<b>4.33</b> 110.0	<b>2.32</b> 102.1
<b>BVBL-1250*-3321</b>	1 1/4"	<b>600</b> 41.4	<b>3.86</b> 98.0	<b>1.97</b> 50.0	<b>1.26</b> 32.0	<b>4.33</b> 110.0	<b>2.52</b> 129.8
<b>BVBL-1500*-3321</b>	1 1/2"	<b>600</b> 41.4	<b>4.33</b> 110.0	<b>2.17</b> 55.1	<b>1.57</b> 39.9	<b>5.31</b> 134.9	<b>3.22</b> 142.2
<b>BVBL-2000*-3321</b>	2"	<b>600</b> 41.4	<b>5.24</b> 133.1	<b>2.76</b> 70.1	<b>1.97</b> 50.0	<b>5.31</b> 134.9	<b>3.54</b> 159.3

NPT  
model  
certified  
under



Full Member, NFPA  
National Fluid Power  
Association, U.S.A.



# DMIC Delaware Manufacturing Industries Corporation



[www.dmic.com](http://www.dmic.com)



2205 Kenmore Avenue  
Buffalo, NY 14207  
Tel. (716) 874-9710  
Fax (716) 874-8759



Lange Voorhout 62  
2514EH The Hague  
Tel. 31 70 392 1063  
Fax 31 70 392 1059



23 Hannover Drive  
St. Catharines, ON L2W 1A3  
Tel. (905) 688-3642  
Fax (905) 688-9993

Call toll free 1-800-248-DMIC (3642). In Canada, please call 1-800-320-3642.



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In Canada 1-800-320-3642

