Valve Series Selection

DMIC's modular part numbering system lets designers precisely specify and override the connection style

DMIC has earned recognition for being able to furnish the customer's exact requirement quickly and accurately. We have fine-tuned the flow of our Factory to accommodate special and custom orders on the standard production line, and with this catalog release we now enable the Buyer to directly benefit from this flexibilty with new DMIC Ordering Codes.

Fewer models with more connection choices

We have consolidated the previous 18 valve series into 9 series, and added a comprehensive connection option program.

You can now order any valve series with any connection style that is appropriate to the functional characteristics of the valve. Buyers of specialty products may even specify the connection style on an end-by-end basis, for production in days - not months.

For application and part number cross reference assistance please feel welcome to call the Factory toll-free at 1-800-248-3642.

Greater Commonality of Pre-Engineered Accessories, Seal Kits, and Actuation Options

It's now easier than ever to select, specify, and stock DMIC Valves and Accessories. In these updated designs, we have paid specific attention to accessory commonality, resulting in fewer part numbers and lower cost for the Buyer. Refer to the Accessory Selection section of the valve specification sheets for accessory part numbers and compatibility information.

Streamlined option codes and reapplication of previous solutions saves you time and money

For years, DMIC has formulated an online database of thousands of specialty valves under the part numbers in this catalog. Our Customer Care Reps are ready to quote you price and accurate delivery for standard production, AND special purpose valves.

New for 2001, almost all DMIC Ball Valve options including actuation and special mountings can be specified through Construction and Accessory codes.

Please see pages 10 through 13.



DMIC Rall Valve Series Cross Reference



The following valve models are replaced by connection options on a valve series:

BVFM, BVFH, BVSM, BVSH, BVF-S, BVFA, BVFD, BVAW

BVL BVAL BVAL Connection of Changes BVL BVAL Upgraded design in lightweight aluminum, three geometries span size ranges from ½"-6", accepts SAE and ISO6149 'SSW" layout adapters. BVH Connection in thread and flange types is now specified with CONNECTION SUFFIX. All new! Design derived from BVAL lightweight series in carbon steel for 2000 PSI max. rated pressure. Connection in thread and flange types is now specified with CONNECTION SUFFIX. All new! Ultra heavy duty design derived from DEM water hydraulic series. Enhanced safety factor. BV3D BV3L All new! Design upgraded from DEM water hydraulic series. Enhanced safety factor. BV3D BV3H BV3H All new! Design upgraded from experience with aircraft/military OEMs BVFM BVH BVAH Use connection suffix "FM" to select SAE 4-B C.61 Companion connection (UNC) on selected BVH (½"-1") or BVAH (1½"-4") valve. BVFM BVH BVAH Use connection suffix "FM" to select SAE SAE Split Flange C.61 connection on selected BVH (½"-1") or BVAH (1½"-4") valve. BVFM BVAH Use connection suffix "SM" to select SAE Split Flange C.62 connection on selected BVH (½"-1") or BVAH (1½"-4") valve. BVFM-SM BVH BVAH Use connection suffix "SM" to select SAE Split Flange C.62 connection on selected BVH (½"-1") or BVAH (1½"-4") valve. BVFM-SM BVH BVAH Use connection suffix "SM" to select SAE Split Flange C.62 connection on selected BVH (½"-1") or BVAH (1½"-4") valve. BVFM-SM BVH BVAH Use connection suffix "CM" to select SAE Split Flange C.62 connection on selected BVH (½"-1") or BVAH (1½"-4") valve. BVFM-SW BVH BVAH Use connection suffix "CM" to select Combo 4-Bott/Split C.61 connection on selected BVH (½"-1") or BVAH (1½"-4") valve. BVFM BVAH Use connection suffix "CM" to select Combo 4-Bott/Split C.61 connection on selected BVH (½"-1") or BVAH (1½"-4") valve. BVFM BVAH Use connection suffix "CM" to select Combo 4-Bott/Split C.61 connection on selected BVH (½"-1") or BVAH (1½"-4") valve. BVFM BVAH Use connection suffix "CM" to select Combo 4-Bott/Split C.61 connection on selected BVH (½"-1") o	BVL BVAL BVAL Upgraded design in lightweight aluminum, three geometries span size ranges from ¼"-6", accepts SAE and ISO6149 "SSW" layout adapters. BVH Connection in thread and flange types is now specified with CONNECTION SUFFIX. All new! Design derived from BVAL lightweight series in carbon steel for 2000 PSI max. rated pressure. Connection in thread and flange types is now specified with CONNECTION SUFFIX. All new! Ultra heavy duty design derived from DEM water hydraulic series. Enhanced safety factor. BV3D BV3L BV3H BV3H All new! Design upgraded from experience with aircraft/military DEMS BV4H BV4H BV4H BV4H BV4H BV4H BV4H BV4H	DMIC Ball Valve Series Cross Reference										
BVL BVAL accepts SAE and ISO6149 'SSW" layout adapters. BVH Connection in thread and flange types is now specified with CONNECTION SUFFIX. All new! Design derived from BVAL lightweight series in carbon steel for 2000 PSI max. rated pressure. Connection in thread and flange types is now specified with CONNECTION SUFFIX. All new! Utra heavy duty design derived from OEM water hydraulic series. BVAH BVHH BVHH CONNECTION SUFFIX. All new! Utra heavy duty design derived from OEM water hydraulic series. Enhanced safety factor. BV3D BV3L BV3H BV4H BV4H BV4H BV4H BV4H BV4H BV4H BV4	BVL BVAL accepts SAE and ISO6149 'SSW" layout adapters. BVH Connection in thread and flange types is now specified with CONNECTION SUFFIX. All new! Design derived from BVAL lightweight series in carbon steel for 2000 PSI max. rated pressure. BVAH BVAH BVHH All new! Unit a heavy duty design derived from OEM water hydraulic series. BVAH BVHH BVHH All new! Ultra heavy duty design derived from OEM water hydraulic series. Enhanced safety factor. BV3D BV3L BV3H All new! Design upgraded from BV4H BV4H BV4H BV4H BV4H BV4H BV4H BV4H	Old	New	Description of								
BVH BVAH BVAM BVAM BVAM BVAM BVAM BVAM BVAM BVAM	BVH BVAM BVAM BVAM BVAM BVAM BVAM BVAM BVAM	Series	Series									
BVAM BVAM BVAM BVAM BVAM BVAM BVAM BVAM	BVAM BVAM BVAM BVAM BVAM BVAM BVAM BVAM											
BVAM BVAM BVAM BVAM BVAM BVAM BVAM BVAM	BVAM BVAM BVAM BVAM BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVAH	BVL	BVAL									
BVAM BVAM BVAM BVAM BVAM BVAM BVAM BVAM	BVAM BVAM BVAM BVAM BVAM BVAM BVAM BVAM											
BVAM BVAM BVAM BVAM BVAM BVAM BVAL lightweight series in carbon steel for 2000 PSI max. rated pressure. Connection in thread and flange types is now specified with CONNECTION SUFFIX. All new! Ultra heavy duty design derived from OEM water hydraulic series. Enhanced safety factor. Connection specified with CONNECTION SUFFIX. New 400 PSI version in aluminum. BV3H BV3H BV4H BV4H BV4H BV4H BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVA	BVAM BVAM BVAM BVAM BVAM BVAL lightweight series in carbon steel for 2000 PSI max. rated pressure. Connection in thread and flange types is now specified with CONNECTION SUFFIX. All new! Ultra heavy duty design derived from OEM water hydraulic series. Enhanced safety factor. BV3D BV3L BV3H BV3H BV4H BV4H BV4H BV4H BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVA	BVH		¥ *1								
BVAM BVAH BVAH BVAH BVAH BVHH BVHH BVHH BVHH	BVAM BVAH BVAH BVAH BVHH BVHH BVHH BVHH BVHH	5411		· · · · · · · · · · · · · · · · · · ·								
BVAH BVHH BVH BVHH BVH BVH	BVAH BVHH BVH BVHH BVH BVH			ŭ .								
BVAH BVHH BVHH BVHH BVHH BVHH BVHH BVHH	BVAH BVHH BVHH BVHH BVHH BVHH BVHH BVHH	BVAM	BVAM	ů ů								
BVHH BVHH BVHH BVHH BVHH BVHH BVAH BVHH BVAH BVA	BVHH BVHH BVHH BVHH BVHH BVHH BV3D BV3L BV3H BV4H BV4H BV4H BV4H BV4H BV4H BV4H BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVA											
BVHH BVHH BVHH BVHH BV3D BV3L BV3A BV3H BV4H BV4H BV4H BV4H BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVA	BVHH BVHH BVHH BVHH BVHH BVHH BV3D BV3L BV3L BV3H BV4H BV4H BV4H BV4H BV4H BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVA	BVAH										
BVHH BV3D BV3L BV3H BV3H BV4H BV4H BV4H BV4H BV4H BV4H BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVA	BVHH BV3D BV3L BV3L BV3H BV3H BV4H BV4H BV4H BV4H BV4H BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVA											
BV3D BV3L BV3L BV3H BV3H BV4H BV4H BV4H BV4H BV4H BV4H BV4H BV4	BV3D BV3L BV3L BV3H BV3H BV4H BV4H BV4H BV4H BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVA	DV/LILL	рушц	, , ,								
BV3D BV3L BV3L BV3H BV3H BV4H BV4H BV4H BV4H BV4H BV4H BV4H BV4	BV3D BV3L BV3L BV3L BV3H BV3H BV4H BV4H BV4H BV4H BV4H BV4H BV4H BV4	винн	випп	,								
BV3L BV3H BV3H BV4H BV4H BV4H BV4H BV4H BV4H BV4H BV4	BV3L BV3H BV3H BV4H BV4H BV4H BV4H BV4H BV4H BV4H BV4	D) (OD										
BV3H BV4H BV4H BV4H BV4H BV4H BV4H BV4H BV4	BV3H BV4H BV4H BV4H BV4H BV4H BV4H BV4H BV4											
BV4H BV4H BV4H BVAH BVH BVAH BVH BVAH BVH BVAH BVAH B	BV4H BV4H BVAH BVH BVAH BVH BVAH BVAH BVAH BVAH											
BVFM BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVAH	BVFM BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVAH	BV3H	BV3H	9 19								
BVFM BVAH BVAH BVAH BVAH BVH BVAH BVH BVAH	BVFM BVAH BVAH BVAH BVH BVAH BVH BVAH BVH BVAH BV	BV4H	BV4H	experience with aircraft/military OEMs								
BVFM BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVAH	BVFM BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVAH		BVH	Use connection suffix " FM " to select								
BVH BVAH BV	BVH BVAH BV	BVFM		SAE 4-B C.61 Companion connection (UNC)								
BVFH BVAH B	BVFH BVAH B		БУАП									
BVSM BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVAH	BVSM BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVAH		BVH									
BVSM BVH BVAH BV	BVSM BVH BVAH BV	BVFH										
BVSH BVAH BVAH BV	BVSH BVAH BVAH BV		БУАП									
BVAH BVSH BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVA	BVAH BVSH BVH BVAH B		BVH									
BVSH BVH BVAH BVH BVAH BVH BVFM-SM BVH BVAH BVAH BVFH-SH BVH BVAH	BVH BVAH BVH BVAH BVA	BVSM										
BVSH BVAH BVAH BV	BVSH BVAH BVAH BVAH BVAH BVAH BVFM-SM BVH BVAH B		D 17.111									
BVAH BVFM-SM BVH BVAH BVAH	BVAH BVFM-SM BVH BVAH BVAH	57.6011	BVH									
BVFM-SM BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVAH	BVFM-SM BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVAH	BASH	BVAH	. •								
BVFM-SM BVAH BVAH BVAH BVFH-SH BVH BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVAL BVH BVAL BVH BVAH B	BVFM-SM BVAH BVAH BVH BVFH-SH BVH BVAH BVH BVAH BVAH BVH BVAH BVA											
BVH BVFA BVH BVAH BVH BVAH BVH BVAH BV	BVH BVFH-SH BVH BVAH BVH BVAH BVH BVAH BVH BVAH BVH BVAH BVAH BVH BVAH BVMM BVMM-4 BVMM BVMM-4 BVMM BVMM-4 BVMM BVMM-4 BVH BVMM BVMM-4 BVH BVMM BVMM-4 BVMM BVMM-4 BVH BVAH	DVEM CM	BVH									
BVFH-SH BVAH BVAH BVAH BVAH BVAH BVAH BVAL BVFD BVH BVAH BVAH BVAH BVAH BVAH BVAH BVAH	BVFH-SH BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVA	DALINI-2INI	BVAH									
BVFH-SH BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVAL BVH BVAH	BVFH-SH BVAH BVAH BVAH BVAH BVAH BVAH BVAL BVFD BVH BVAW BVAW BVAW BVAW BVAW BVAH											
BVAH	BVAH BVAH BVAH BVAH BVAL BVH BVAL BVH BVAH BV	BVFH-SH										
BVFA BVAH BVAH BVAL BVFD BVH BVAH BVAH BVAH BVAH BVAH BVH BVAH	BVFA BVAH BVAL BVH BVAL BVH BVAL BVH BVAH BV	DVI 11-011	BVAH									
BVFA BVAH BVAL BVAL BVAL BVAL BVAL BVAH BVAH BV	BVFA BVAH BVAL BVAL BVAL BVAL BVAL BVAL BVAH BV											
BVAH BVAL on selected BVH (½"-1") or BVAH (1½"-4") valve. For Class 150 the BVAL valve can also be selected. BVH BVAH Select connection suffix "D*" to correspond to desired DIN Class Flange connection on selected BVH (½"-1") or BVAH (1½"-4") valve. BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVAH BVAM BVMM	BVAH BVAL on selected BVH (½"-1") or BVAH (1½"-4") valve. For Class 150 the BVAL valve can also be selected. Select connection suffix "D*" to correspond to desired DIN Class Flange connection on selected BVH (½"-1") or BVAH (1½"-4") valve. BVAH BVAH BVAH BVAH BVAH BVAH BVMM BVMM-4 BVMM BVMM-4 BVAH On selected BVH (½"-1") or BVAH (1½"-4") valve. All new! Design upgraded from experience with aircraft/military 0EMs. New aluminum model (-4111) for 3000 PSI use on		BVH									
BVAL BVAL BVAL BVAH	BVAL BVAL BVAL BVAH	BVFA	BVAH	, and the second								
BVFD BVH BVAH BV	BVAW BVAH											
BVAH	BVAH		DVAL	For Class 150 the BVAL valve can also be selected.								
BVAH	BVAH		D\/LI	Select connection suffix "D*" to correspond to								
BVAH on selected BVH (½"-1") or BVAH (1½"-4") valve. Use connection suffix "W4" to select EZ-Weld Sch.40 Socket Weld connection on selected BVH (½"-1") or BVAH (1½"-4") valve. All new! Design upgraded from experience with aircraft/military 0EMs. New	BVAH BVAW BVAH	BVFD		· · · · · · · · · · · · · · · · · · ·								
BVAW BVAH EZ-Weld Sch.40 Socket Weld connection on selected BVH (½"-1") or BVAH (1½"-4") valve. All new! Design upgraded from experience with aircraft/military 0EMs. New	BVAW BVAH EZ-Weld Sch.40 Socket Weld connection on selected BVH (½"-1") or BVAH (1¼"-4") valve. All new! Design upgraded from experience with aircraft/military 0EMs. New aluminum model (-4111) for 3000 PSI use on		RAAH	on selected BVH (½"-1") or BVAH (1½"-4") valve.								
BVAW BVAH EZ-Weld Sch.40 Socket Weld connection on selected BVH (½"-1") or BVAH (1½"-4") valve. All new! Design upgraded from experience with aircraft/military OEMs. New	BVAW BVAH EZ-Weld Sch.40 Socket Weld connection on selected BVH (½"-1") or BVAH (1½"-4") valve. All new! Design upgraded from experience with aircraft/military OEMs. New aluminum model (-4111) for 3000 PSI use on		BVH	Use connection suffix "W4" to select								
All new! Design upgraded from experience with aircraft/military OEMs. New	BVMM BVMM-4 BVM-4 BVM-	BVAW		EZ-Weld Sch.40 Socket Weld connection								
BVMM experience with aircraft/military OEMs. New	BVMM BVMM-4 experience with aircraft/military 0EMs. New aluminum model (-4111) for 3000 PSI use on		BAAH									
BVMM I = · · · · · · · · · · · · · · · · · ·	BVMM-4 aluminum model (-4111) for 3000 PSI use on											
BVMM-4 aluminum model (-4111) for 3000 PSI use on	BVMM-4 aluminum model (-4111) for 3000 PSI use on	B/MM	BVMM									
	aluminum manifolds.	DAIMIM	BVMM-4	` ,								
aluminum manifolds.				aluminum manifolds.								



Valve Size Selection

DMIC's Ball Valve product line includes sizes spanning commonly used pressure ranges from $\frac{1}{4}$ " to 6" and up

If merely being able to convert existing valves to meet your requirement were a satisfactory achievement to

BVAL - 1000 SM - 4

us, then DMIC's Engineering and Production departments would never have developed our unique factory architecture that lets standard and custom Ball Valve orders be manufactured

side-by-side **American Factory.**

DMIC Ball Valves offer the industry's most flexible size range with deliveries that are often a fraction of what you would expect.

When your need for a specialty ball valve meets our modest production criteria, we will gladly design, prototype, test, warranty the subject valve.

The result is reduced delivery times, development expense, and a direct partnership with the manufacturer which customers value greatly in those rare instances where the need for troubleshooting and corrections arise.

V	alve S	ize	Size Availability By Valve Series										
	NOMINA	٩L	LO	W PRE	S.	HIGH PRESSURE							
Inch	Order Code	Metric	BVAL	BV3L	BVL Brass	BVAM	BVH	BV3D	BVAH	вунн	BV3H BV4H		
1/4"	0250	6 mm	\odot	\odot	\odot		\odot	☺			\odot		
3/8"	0375	10mm	©	©	©		©	©			©		
1/2"	0500	12mm	\odot	©	©		©	©		©	©		
3/4"	0750	20mm	\odot	©	©		\odot	©		©	©		
1"	1000	25mm	\odot	\odot	\odot		\odot	\odot		\odot	\odot		
11/4"	1250	32mm	\odot	©	©	~	\odot	©	©	©	©		
1 ½"	1500	40mm	\odot	\odot	\odot	A	\odot	\odot	\odot	\odot	\odot		
2"	2000	50mm	\odot	\odot	\odot	A	×	\odot	\odot	\odot	\odot		
21/2"	2500	60 mm	\odot	7	7	©		7	\odot		A		
3"	3000	75 mm	\odot	~	~	\odot		~	©		A		
4"	4000	100 mm	©	~	~	©		A	☺				
5"	5000	125 mm	\odot	~		©		*	~				
6"	6000	150 mm	©	~		©		~	~				

Customizing DMIC Valves

To specify "unlike connection" or step-size custom order valves, use DMIC "2+2" Ordering Codes

DMIC customers enjoy unparalleled availability of specialized and 1. custom valves, in addition to stock offerings. We devised the "2+2" code" system to allow Buyers to uniformly specify unlike connections on otherwise standard valves.

Suppose you require a BV3D-1000 3-way diverter with one C.61 Split Flange connection for rigid mounting, one C.61 4-Bolt Companion port, and an ISO6149 Threaded port. Specifying this valve could become a nightmare (let alone the delivery waiting time 2. from overseas), but not for DMIC customers. Please follow the example at right to see how this valve is requested, and how your quotation and production will proceed using the 2+2 codes and SAN system. To formulate a "2+2" code, take the FIRST TWO digits of 3. Call your Distributor or DMIC with the composite valve p/n. We will the SIZE and append the CONNECTION CODE (next page).

Determine the size and connection for each port of the valve. Contract into 2+2 codes:



It's easy ! Just chop the last two digits of the size code off and join up with the connection code

Collate the connection codes (for multiway valves, in the published port sequence for accurate positioning at the Factory):



search the SAN database and quote pricing/delivery. With your PO, if a SAN is req'd one will be assigned, and your valve is on the way!





Connection Availability

In-House Engineering and Manufacturing permits DMIC to furnish a wide variety of connection options

The previous	'BVFM',	'BVFH',	'BVSM',	'BVSH',	'BVF-	·S', 'BVFA',
'BVFD', and	'BVAW'	models	are now	specified	d as	connection
options on th	e selecte	d valve s	series.	-		

BVAL	-	1000	SM -	4	3	2	1

Buyers may now specify the valve suitable to the application without being constrained by unnecessary connection restrictions. Valves checked with the "double diamond" below are composite valves made from threaded connections and 'SSW' / 'HSSW' System adaptors.

	onnection Style	Connection Availability By Valve Series											
•	- Style	L	OW PRE	S.				HIGH PR	ESSURE				
Code	Desc	BVAL	BV3L	BVL Brass	BVAM	вун	BV3D	BVAH	вунн	вузн	BV4H	BVMM	
		FE	MALE 1	HREAD	ED CON	NECTI	ONS						
S	SAE-F ORB	©	☺	©	©	©	©	©	©	©	©	×	
N	NPT-F	©	☺	©	©	©	©	©	☺	©	☺	×	
IU	ISO6149	©	☺	×	©	©	©	©	☺	©	☺	×	
IA	IS01179	©	☺	×	©	©	©	©	©	©	☺	×	
В	BSPP-F	☺	☺	☺	©	☺	©	©	☺	☺	☺	×	
Т	BSPT-F	~	2	×	~	~	~	~	~	☺	☺	×	
MALE THREADED CONNECTIONS													
MJ	JIC-M	*	~	×	~	☺	☺	☺	~	☺	☺	×	
MD	DIN2353-M Tube (call)	2	~	×	2	2	2	2	2	*	*	×	
MS	SAE-M ORB (custom order)	2	~	×	2	2	~	2	2	~	2	×	
MN	NPT-M (custom order)	~	*	×	*	*	2	*	~	A	*	×	
		i e		OLT COI									
FM	C.61 Companion, UNC Bolt Holes	♦		×		☺	☺	☺	~	*	*	×	
FH	C.62 Companion, UNC Bolt Holes	×	×	×	~	☺	☺	☺	*	*	*	×	
GM	C.61 Companion, Metric B/H	♦		×	*	☺	☺	☺	*		♦	×	
GH	C.62 Companion, Metric B/H	×	×	×	2	☺	☺	☺	*			×	
	Universal C C1 Ctd Thru D/II			OLT ST					-	_	_		
FL	Universal C.61 Std., Thru B/H	*		×	*	©	©	©	2		♦	X	
FK	Universal C.62 Std., Thru B/H	×	X	X SPLIT F		© HEAD	☺	☺	2			×	
SM	SAE C.61 Split Flg Head	\pi	♦	X	♦	©	©	©	2	\langle		×	
SH	SAE C.62 Split Flg Head	×	×	×	<u>*</u>	©	© ©	© ©	~	⊗	⊗	×	
011	O/IL 0.02 Opiit i ig i odd	_ ^	^		FLANGE		•	•	_				
AA	Class 150 (275 PSI @ 100°F)	\phi		×		©	©	©	~			×	
AB	Class 300 (720 PSI @ 100°F)	×	×	×	\$	©	©	©	~	*	♦	×	
AC	Class 400 (960 PSI @ 100°F)	×	×	×		©	©	©	~	*	♦	×	
AD	Class 600 (1440 PSI @ 100°F)	×	×	×	\$	©	©	©	2	♦	♦	×	
AE	Class 900 (2160 PSI @ 100°F)	×	×	×	2	©	©	©	~	♦	♦	×	
AF	Class 1500 (3600 PSI @ 100°F)	×	×	×	2	©	©	©	~	♦	♦	×	
AG	Class 2500 (6000 PSI @ 100°F)	×	×	×	~	©	©	©	~	♦	♦	×	
					LANGE								
DA	DIN 3202-F1 Flange, 4/8 Bolt	~	~	×		©	©	©	~		♦	×	
DB	DIN 3202-F4 Flange, 4/8 Bolt	~	~	×		☺	☺	☺	~		\oint\oint\oint\oint\oint\oint\oint\oint	×	
	DMIC RE			1									
W4	Socket Weld for Pipe	*		×	*	☺	©	☺	~	*		×	
/ -	DMIC O Word by division, Old D.			D MOU						••	••		
n/a	DMIC 2-Way Industry Std. Pad	×	X	X	X	×	X	×	×	X	X	© ©	
n/a	DMIC 3-Way Industry Std. Pad	×	×	×	×	×	×	×	×	×	×	☺	

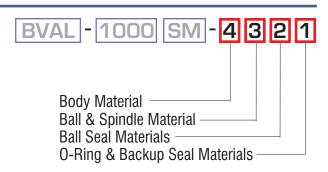
Construction Codes

Buyers may easily specify optional material and physical features by appending a 4-digit suffix

DMIC Construction Codes are designed to be as universal as possible across the Ball Valve product line. Each of four positions determines the construction of a particular part of the valve.

Refer to Spec Sheets for Standard Configuration by Valve Series

Standard materials are demonstrated in the <u>Ordering Codes Summary</u> for each series. Based on the service pressure and design intent of a particular valve model, DMIC supplies valves made from aluminum or steel with Delrin or PTFE ball sealing. Buna-N elastomer seals are standard on all DMIC Ball Valves.



Symbol Legend

= Call to confirm leadtime

 \times = Not Available

♦ = Composite valve (made with SSW/HSSW)

Material Descript	Availability By Valve Series											
		LC	OW PRE	S.	HIGH PRESSURE							
Description	Code	BVAL	BV3L	BVL Brass	BVAM	BVH	BV3D	BVAH	вунн	вузн	BV4H	вумм
			BODY	MATERI	AL - PO	SITION	1					
Carbon Steel	1	×	×	×	©	\odot	©	©	©	©	©	©
Stainless Steel	2	~	a	×		$\overline{\checkmark}$	V	V	V	V	V	
Brass	3	×	×	\odot	×	×	×	×	×	×	×	×
Aluminum	4	\odot	☺	×	×	×	×	×	×	×	×	V
BALL AND SPINDLE MATERIAL - POSITION 2												
Carbon Steel	1	×	×	×	©	\odot	©	©	©	©	©	0
Stainless Steel	2	×	×	×	$\overline{\Delta}$	$\overline{\checkmark}$	V	V	V	V	V	
Brass	3	©	©	\odot	×	×	×	×	×	×	×	×
	THE	RMOPL	ASTIC	BALL SI	EAL MA	ΓERIAL	- POSI	TION 3	•	•	•	•
Delrin	1	V	V	×	©	\odot	©	©	©	©	©	0
PTFE Teflon (1500 PSI max)	2	©	\odot	©	\square	$\overline{\checkmark}$	V	V	V	V	V	
n/a - reserved	3	×	×	×	×	×	×	×	×	×	×	×
High Temp 400°F max	4	V	V	×		$\overline{\checkmark}$	V	V	V	V	V	V
n/a - reserved	5	×	×	×	×	×	×	×	×	×	×	×
Ultra Low Friction	6	A	~	×	V			V	V	V	V	
Glass Reinforced PTFE	7	~	~	×	V	$\overline{\checkmark}$	V	V	V	V	V	
Hostile Media	9	~	~	×	~	~	2	~	~	2	~	~
	EL	ASTOM	ER O-R	ING SE	AL MATE	ERIAL -	POSITI	ON 4				
Buna-N	1	©	©	×	©	\odot	©	©	©	☺	©	©
EPR	2	V	V	×	V	$\overline{\checkmark}$	V	V	V	V	V	V
Viton	3	V	V	×	V		V	V	V	V	V	
High Temperature	4			×	$\overline{\Delta}$	\checkmark	$\overline{\mathbf{A}}$	$\overline{\mathbf{A}}$	$\overline{\mathbf{A}}$	$\overline{\mathbf{A}}$	$\overline{\checkmark}$	