

VALVE SIZE SELECTION

Stock sizes ranging from ¼" to 6"
 Custom Order of ANSI & API-Cert models to 12" and above

BVAL - 1000 SM - 4 3 2 1

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

Custom and Special Purpose Valves from DMIC

When your need for a specialty ball valve meets our very reasonable production criteria, we will gladly design, prototype, test, and warranty the subject valve on an OEM basis.

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

DMIC especially welcomes users of high volume designs, users with difficult requirements, and users of large bore valves needing API Certification. If DFAR is needed, DMIC products are a natural choice.

Symbol Legend

- ☑Standard feature for this series
- ↻Rapid Delivery Option
- ☎Please call to confirm lead time
- ☒Not Available

Valve Size			Size Availability By Valve Series												
Nominal			Valve Series Group												
Inch	Order Code	Metric Equiv	BVAL	BV3L BV3LZ	BVH BV4H	BVHS	BVHH BVHHH	BVQ BVQG	BV3D BV3DZ	BV3H BV4H	BVMM	BVDM BVDMF	BVSS BVSS5	BVFL BVFLY BVFD	SV2C SV3C
¼"	0250	6mm	☑	☑	☑				☑	☑	☑				
⅜"	0375	10mm	☑	☑	☑				☑	☑	☑				
½"	0500	12mm	☑	☑	☑		☑	☑	☑	☑	☑	☑			☑
¾"	0750	20mm	☑	☑	☑		☑	☑	☑	☑	☑	☑			☑
1"	1000	25mm	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑			☑
1¼"	1250	32mm	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑			☑
1½"	1500	40mm	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑			☑
2"	2000	50mm	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑			☑
2½"	2500	63.5mm	☑	☑	☑	☎	☎	☎	☎			☑	☑	☎	☎
3"	3000	76mm	☑	☑	☑	☎	☎	☎	☎			☎	☑	☎	☎
4"	4000	101.6mm	☑	☎	☑	☎	☎	☎	☎			☎	☑		
5"	5000	127mm	☑	☎	☎	☎	☎	☎	☎			☎	☑		
6"	6000	152mm	☑	☎	☎	☎	☎	☎	☎			☎	☑		
8"	8000	203mm	☎	☎	☎	☎		☎	☎					☎	
10"	A000	254mm	☎	☎	☎	☎		☎	☎					☎	
12"	C000	304mm	☎	☎	☎	☎		☎	☎					☎	

CUSTOMIZING DMIC VALVE CONNECTIONS

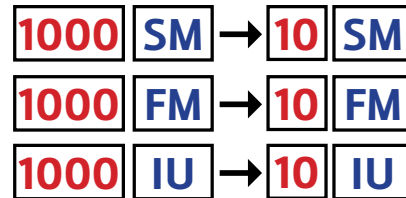
To specify "unlike connection" or step-size custom order valves, use DMIC "2+2" Ordering Codes

DMIC customers enjoy unparalleled availability of specialized and 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 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 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):



- Call your distributor or DMIC with the composite valve p/n. We will search the 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

Symbol Legend

- ☑Standard feature for this series
- ☺Rapid Delivery Option
- ☎Please call to confirm lead time
- ☒Not Available
- ☐Composite valve assembly

The widest variety of ball valve connection options offered in the world

** Please note: Our valve may be rated for more PSI, but we always suggest you operate your system according to pipe schedule, ANSI, or DIN specification.

BVAL - 1000 SM - 4 3 2 1

Connection Style			Connection Availability By Valve Series									
Code	Description	Valve Series Group										
		BVAL	BV3L BV3LZ	BVH BVAH	BVHS	BVHH BVHHH	BVQ BVQG	BV3D BV3DZ	BV3H BV4H	BVDM BVD MF BVSS	BVFF DBBV BVFD	
THREADED CONNECTIONS	Female Threaded Connections											
	S	SAE-F ORB	☑	☑	☑	☑	☑	☑	☑	☑		☎
	N	NPT-F	☑	☑	☑	☑	☑	☑	☑	☑		☎
	IU	ISO6149	☑	☑	☑	☺	☺	☺	☑	☑		☎
	B	BSPF-F / ISO 1179 / G-Thread	☑	☑	☑	☑	☑	☑	☑	☑		☎
	T	BSPT (Tapered Pipe)	☺	☺	☺	☺	☺	☺	☺	☺		☎
	MP	Medium Pressure Coned Port					☺					
	UMR	AS5202	☑	☑	☑	☑	☑	☑	☑	☑		
	Male Threaded Connections											
	J	JIC-Male	☎	☎	☑	☺	☺	☺	☑	☺		
MD	DIN2353-M Tube (Please Call)	☎	☎	☎	☎	☎	☎	☎	☎			
MS	SAE-M ORB (Custom Order)	☎	☎	☎	☎	☎	☎	☎	☎			
MN	NPT-M	☎	☎	☑	☺	☺	☺	☑	☺			
FLANGED CONNECTIONS	SAE 4-Bolt Companion Flange											
	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			☑	☑	☎	☎	☑	☑		☎
	SAE 4-Bolt Standard Flange											
	FL	Universal C.61 Std., Thru B/H	☎	☎	☎	☎	☎	☎	☎	☎	☑	
	FK	Universal C.62 Std., Thru B/H			☎	☎	☎	☎	☎	☎	☑	
	SAE Split Flange Head											
	SM	SAE C.61 Split Flg Head	☎	☎	☑	☑	☎	☎	☑	☑		
	SH	SAE C.62 Split Flg Head	☒	☒	☑	☑	☎	☎	☑	☑		
	ANSI Flange (quoted pressure ratings by standard ANSI B16.5 - 1988)											
	AA	Class 150 (290 PSI @ 100°F)	☎	☎	☎	☎	☎	☎	☎	☎	☎	
	AB	Class 300 (750 PSI @ 100°F)			☎	☎	☎	☎	☎	☎	☎	
	AC	Class 600 (1500 PSI @ 100°F)			☎	☎	☎	☎	☎	☎	☎	
AD	Class 900 (2250 PSI @ 100°F)			☎	☎	☎	☎	☎	☎	☎		
AE	Class 1500 (3750 PSI @ 100°F)			☎	☎	☎	☎	☎	☎	☎		
AF	Class 2500 (6250 PSI @ 100°F)			☎	☎	☎	☎	☎	☎	☎		
DIN Flange												
DA	DIN 3202-F1 Flange, 4/8 Bolt	☎	☎	☎	☎	☎	☎	☎	☎	☎		
DB	DIN 3202-F4 Flange, 4/8 Bolt	☎	☎	☎	☎	☎	☎	☎	☎	☎		
SOCKET WELD	Socket Weld Connection											
	Pipe	Tube										
	WA	WTA	Standard Pipe			☺	☺	☺	☺	☺		☺
	W4	WT4	Schedule 40	☎	☎	☑	☑	☑	☺	☑	☑	☺
	WB	WTB	Extra Strong (XS)			☺	☺	☺	☺	☺		☺
	W8	WT8	Schedule 80			☑	☺	☺	☺	☺		☺
	WD	WTD	Schedule 120			☺	☺	☺	☺	☺		☺
	WF	WTF	Schedule 160			☑	☺	☺	☺	☺		☺
WG	WTG	Double Extra Strong (XXS)			☺	☺	☑	☺	☺		☺	
BUTT WELD	Butt Weld Connection											
	WBA	Standard Pipe			☺	☺	☺	☺	☺	☺		☺
	WB4	Schedule 40			☑	☺	☺	☺	☺	☺		☺
	WBB	Extra Strong (XS)			☺	☺	☺	☺	☺	☺		☺
	WB8	Schedule 80			☑	☺	☺	☺	☺	☺		☺
	WBD	Schedule 120			☺	☺	☺	☺	☺	☺		☺
	WBF	Schedule 160			☑	☺	☺	☺	☺	☺		☺
	WBG	Double Extra Strong (XXS)			☑	☺	☺	☺	☺	☺		☺
MANIFOLD MOUNTED	Manifold Mount, 2- and 3-Way											
		DMIC 2-/3-Way Industry Std. Pad DMIC Intramanifold Cavity	See specifications for connection details									

Many more connection types are available. If your requirement is not listed, please call Factory.



CONSTRUCTION CODES

Buyers may easily specify optional material and physical features with the 4-digit construction code 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 Ordering Codes Summary for each series. Based on the service pressure and design intent of a particular valve model, DMIC supplies valves made from a wide variety of materials.

Buna-N elastomer seals are standard on most DMIC Ball Valves except valves intended for weld application, which utilize Viton™.

BVAL - **1000** **SM** - **4** **3** **2** **1**

Body Material _____
 Ball & Spindle Material _____
 Ball Seal Materials _____
 O-Ring & Back-up Seal Materials _____

Symbol Legend

-Standard feature for this series
-Rapid Delivery Option
- Please call to confirm lead time
- Not Available

Material Description		Availability By Product Series											
		Low Pressure				High Pressure							
Description	Code	BVAL	BV3L BV3LZ	BVH BVAH	BVHS	BVHH BVHHH	BVQ BVQG	BV3D BV3DZ	BV3H BV4H	BVMM	BVDM BVDMF BVSS	BVFF DBBV BVFD	SV2C SV3C
Body Material – Position 1													
Carbon Steel	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless Steel 316	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Aluminum 6061-T6	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monel 400	7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ball and Spindle Material – Position 2													
Carbon Steel	1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Stainless Steel 316	2	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Brass or Bronze	3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum 6061-T6	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Stainless Steel 416*	6	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monel 400	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
*Position 2, option 6 specifies 316 SS ball, 416 Spindle													
Thermoplastic Ball Seal Material – Position 3													
Delrin™	1	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
PTFE Teflon™ (1500 PSI max)**	2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PEEK High Temp	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Delrin™ AF	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Glass Reinforced Teflon™ (2000 PSI max)	7	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aluminum Bronze	8	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

****Note:** Consult Factory for max pressure rating by application.



Material Description		Availability By Product Series											
		Low Pressure				High Pressure							
Description	Code	BVAL	BV3L BV3LZ	BVH BVAH	BVHS	BVHH BVHHH	BVQ BVQG	BV3D BV3DZ	BV3H BV4H	BVMM	BVDM BVDMF BVSS	BVFF DBBV BVFD	SV2C SV3C
Hostile Media	9												
Carbon Reinforced PEEK	C												
PCTFE (KEL-F)	K												
Nylon	N												
Glass Reinforced PEEK	P												
Steel (4340)	S												
Vespel SP-21	V												

Elastomer O-Ring Seal Material – Position 4

Buna-N	1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
EPR	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Viton™	3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Teflon™	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chemraz™	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Kalrez	6	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Sealing Materials Technical Data

Order Code	DMIC Description	Temperature Range		Seal Compound Identification	Acronym	Classification Synthesis	Trade Names	Chemical Resistance Examples	
		°F	°C					Suitable	Not Suitable
Ball Seal Materials (Digit 3)									
1	Delrin™	-40°F to 180°F	-40°C to 82°C	Delrin™ Polyoxymethylene	DM POM	Thermoplastic Saturated heteropolymer of heterogeneous polymer chains	Delrin™	Hydraulic Fluids Water Inert Gases Air Alcohols Glycols Petroleum based fluids	High molar acids & alkalis Fluorines Liquids for human consumption
2	PTFE Teflon™	-300°F to 450°F	-184°C to 232°C	Polytetra fluoroethylene	PTFE	Thermoplastic Homogeneous, pure polymer chains, containing fluorine	Teflon™ Hostafion Fluon	Foodstuffs Acids & Alkalis Organic & Inorganic Solvents	Fluorines Liquid alkali metals
4	PEEK Hi-Temp	-76°F to 480°F	-60°C to 248°C	Polyether-ether-ketone	PEEK	Thermoplastic Aromatic Linear Polymer	Victrex	Most fluids acceptable with Delrin™ Moly Radioactive use	High molar acids & alkalis
6	Delrin™ AF Low Friction	-40°F to 180°F	-40°C to 82°C	Proprietary	PAI	Thermoplastic Combination of Teflon™ fibers uniformly dispersed in Delrin™ acetal resin.	Delrin™ AF	Hydraulic fluids Many acids Alcohols & organic solvents	Hot water Steam, Strong alkalis
9	Ferrous Special Applications	Call DMIC						Call DMIC	
O-Ring & Backup Seal Materials (Digit 4)									
1	Buna-N	-40°F to 200°F	-40°C to 93°C	Nitrile Butadiene rubber	NBR	Elastomer Unsaturated heteropolymer of heterogeneous polymer chains	Nitrile Perbunan Chemigum Elaprim Krynac	Petroleum based fluids Water Air Water-glycol	Phosphate esters
2	EPR	-70°F to 302°F	-57°C to 150°C	Ethylene-propylene-diene rubber	EPR EPDM	Elastomer Saturated heteropolymer utilizing double valence bands outside the primary chain	Buna AP Dutral Epcar Keltran Nordel	Phosphate esters Brake Fluid Acids & Alkalis	Petroleum based oil & grease Chlorinated hydrocarbons
3	Viton™	-15°F to 400°F	-26°C to 204°C	Fluorocarbon	FKM	Elastomer Multiple monomers & fluorine compounded into saturated heteropolymer	Viton™ Fluorel Technoflon	NBR compatible fluids Acids & alkalis	Phosphate esters
4	Teflon™ PTFE	-300°F to 450°F	-184°C to 232°C	Polytetrafluoroethylene	PTFE	Thermoplast Homogeneous, pure polymer chains, containing fluorine.	Teflon™ Hostafion Fluon	Foodstuffs Organic & Inorganic Solvents	Fluorines Liquid alkali metals
5	Chemraz™ 510	-22°F to 446°F	-30°C to 230°C	Proprietary	FFKM	Perfluorolastomer Polymers of three or more monomers in which all hydrogen positions have been replaced with fluorine	Chemraz™	Acids Caustics Aldehydes Esters Aromatics Methanol	Fluorinated Refrigerants Perfluorinated Lubricants



ACCESSORY CODES

Virtually any imaginable DMIC valve, complete with options, can be specified, Factory-built, and then later re-ordered exactly the same ... with DMIC Accessory Codes

Symbol Legend

- ☑ Standard feature for this series
- ☺ Rapid Delivery Option
- ☎ Please call to confirm lead time
- ☒ Not Available

DMIC Pre-Engineered Ball Valve Accessories feature interchangeability as a hallmark of their design. The DMIC Factory furnishes valves and accessories for your most demanding applications.

DMIC products save you time and money when anything more than a cookie-cutter offshore valve with limited/zero factory support, is needed.

By adding the additional "bank" of Accessory Codes, as demonstrated on the next page, you can now directly specify the complete array of DMIC Options as components of your Factory-built valve.

Please see the worksheet on the next page for a comprehensive listing of options.

DMIC SPECIAL ASSEMBLY NUMBERS

Completely custom valves receive a DMIC "SAN" number

Valves that are completely special, or cannot be defined with Construction & Accessory codes, receive a DMIC Engineering "SAN" (Special Assembly Number).

BVAL-12345

When you accept DMIC's quotation and order the product, a "SAN" (Special Assembly Number) is assigned for each optioned valve. This part number is used to flow your order through production and precisely document it for eventual service parts.

Option Description	Description of Accessory to be Factory Installed	Availability By Valve Series					
		Low Pressure			High Pressure		
		OLD "Slash Code"	BVAL BV3L	BVH BV3D	BVAH	BVHH	BV3H BV4H
Locking and Security Locking Handle Kits (Lock not Included)							
Locking Handle Kit	/LH	☺	☺	☺	☺	☺	☺
Security Locking Handle Kit	/LHS	☺	☺	☺	☺	☺	☺
Limit Switch Bracket, Single and Multiway							
Limit Switch Bracket, 1-Way	/LSB1	☺	☺	☺	☺	☺	☺
Limit Switch Bracket, 2-Way	/LSB2	☺	☺	☺	☺	☺	☺
Limit Switch Bracket, 3-Way	/LSB3	☑/☺	☑/☺	☑	☑	☺	☎
Locking Limit Switch Brkt, 1-Way	/LLB1	☺	☺	☺	☺	☺	☺
Locking Limit Switch Brkt, 2-Way	/LLB2	☺	☺	☺	☺	☺	☺
Locking Limit Switch Brkt, 3-Way	/LLB3	☑/☺	☑/☺	☑	☑	☺	☎
Include Switch(es) when ordering DMIC LSB/LLB Brackets	add/S to end	☺	☺	☺	☺	☺	☺
Ball Valve Handle Overrides/Options – Replaces Standard Handle							
Forged Steel Handle	/HS	☺	☑	☑	☑	☒	☑
Flat Fabricated Steel Handle	/HA	☺	☺	☺	☺	☒	☺
Flat Anodized Aluminum Handle	/HL	☺	☺	☺	☺	☒	☺
Offset Anodized Aluminum Handle	/HK	☑	☺	☺	☺	☒	☑
T-Type High Torque Handle	/HT	☺	☺	☺	☺	☑	☺
Delete Handle (i.e. "NO" handle)	/HN	☺	☺	☺	☺	☺	☺
Handle Link Kit (specifies TWO valves connected by one handle)	/HLK	☎	☎	☎	☎	☎	☎
Valve Preparation Options – Requires DMIC Accessory Kit Order <small>Distributor/OEM placing order may specify valves with factory preparation subject to DMIC's "special order" Sales Terms – please contact your Sales Associate for details.</small>							
Equip for Actuator Mount	/AM	☺	☺	☺	☺	☺	☺
Equip for Bottom Mounting	/BM	☺	☺	☺	☎	☎	☒
Bottom & Side Mount	/BSM	☺	☺	☎	☎	☎	☒
Locking Handle Mount	/LHM	☒	☒	☒	☒	☺	☒
Equip for 1-Way Limit Switch Mt	/LM1	☺	☺	☺	☺	☺	☺
Equip for 2-Way Limit Switch Mt	/LM2	☺	☺	☺	☺	☺	☺
Equip for Panel Mounting (Top)	/PM	☺	☺	☺	☺	☺	☺
Equip for Side Mounting	/SBM	☺	☺	☎	☎	☎	☒
Equip for Security Lock Mount	/SLM	☺	☺	☺	☺	☺	☺
Factory Installed Actuator - DMIC Application Guaranteed							
Factory Pneumatic DA Actuator	/DA*	☺	☺	☺	☺	☺	☺
Factory Pneumatic SR Actuator	/SR**	☺	☺	☺	☺	☺	☺
Factory Hydraulic DA Actuator	/DA*H	☎	☎	☎	☎	☎	☎
Factory Hydraulic SR Actuator	/SR**H	☎	☎	☎	☎	☎	☎
Factory Electric DA Actuator	/E**	☎	☎	☎	☎	☎	☎



ACCESSORY CODES, CONT.

BVAL - 0750 S - 4 3 2 1 A Z Z A Z Z

← Group 5 & 6 codes only required when an option is selected

Group I Accessories Locking Handles & Limit Switches		
Description	Accessory Code	OLD "Slash Codes"
Zero Accessory ("none")	Z	
Locking Handle	A	/LH
Security Locking Handle	B	/LHS
Limit Switch Brckt - Single	C	/LSB1
Limit Switch Brckt - Dual	D	/LSB2
Locking Limit Switch Brckt - Single	E	/LLB1
Locking Limit Switch Brckt - Dual	F	/LLB2
Security Locking Limit Switch Brckt - Single	G	/SLB1
Security Locking Limit Switch Brckt - Dual	H	/SLB2
Limit Switch Brckt - Single, with Switch	I	/LSB1 /S
Limit Switch Brckt - Dual, with Switches	J	/LSB2 /S
Locking Limit Switch Brckt - Single, w/Switch	K	/LLB1 /S
Locking Limit Switch Brckt - Dual, w/Switch	L	/LLB2 /S
Security Locking L.S. Brckt - Single, w/Switch	M	/SLB1 /S
Security Locking L.S. Brckt - Dual, w/Switch	N	/SLB2 /S
Locking Handle/S.S-316	P	/LH /SS
Locking Handle, stop pin & top cap/S.S-316	Q	/LHPC /SS
Explosion Proof Limit Switch	R	/EPLS
Locking Explosion Proof Limit Switch Bracket - Single with switch, Normally open	S	/LEPLS
45 Degree Locking Handle; Locks in all 3 Positions	T	/LHT2
Lock Handle to turn clockwise; Lock bracket on opposite side	W	/RLH

Group II Accessories Mounting Patterns & Accessory Preparation		
Description	Accessory Code	OLD "Slash Codes"
Zero Accessory ("none")	Z	
Actuator Bracket Mounting Holes	A	/AM
Bottom Mounting Holes	B	/BM
Bottom & Side Combination Mounting Holes	C	/BSM
Locking Handle Mount	D	/LHM
Single Limit Switch Bracket Mounting Holes	E	/LM1
Dual Limit Switch Bracket Mounting Holes	F	/LM2
Panel Mounting Holes	G	/PM
Side Mounting Holes / Side Mt. Brkt. Holes	H	/SBM
Security Lock Mount	I	/SLM
Security Lock and Single L.S. Brkt Mtg Holes	J	/SLM /LM1
Security Lock and Dual L.S. Brkt Mtg Holes	K	/SLM /LM2
Actuator Bracket Mounting Holes with Locking Handle Mount	L	/AM /LHM
Pressure Balance	P	/P
Locking Pressure Balance	Q	/PL
Explosion Proof Limit Switch Mount	R	/EPM
ROV Mount as per API 17D	V	/RVM

Group IV Accessories Handle Type		
Description	Accessory Code	OLD "Slash Codes"
Zero Accessory ("No handle")	Z	
Handle, Crank, Steel	A	/HS
Handle, Flat, Steel	B	/HA
Handle, Flat Offset, Steel	C	/HA45
Handle, High Torque, Steel	D	/HT
Handle, Crank, Steel, Extended	E	/HSE
Butterfly Handle	F	/BF
OBSOLETE USE "R" - Butterfly Handle / T-Handle, SS Top Works 316	G	/HSS
OBSOLETE USE "S" - 316 Stainless Steel Top Works, Flat Offset (Flat Handle Offset, Pin, Washer, Cap)	H	/HAS
316 Stainless Steel Top Works (Crank Handle, Pin, Washer, & Cap)	L	/HSS
316 Stainless Steel Top Works (Flat Handle, Pin, Washer, & Cap)	M	/HAS
Handle, Crank, Aluminum	N	/HK
Handle, Flat, Aluminum	O	/HL
No Aluminum Top Works(Handle, Cap)	P	/NAT
Handle, Medium Torque	Q	/MT
Handle, Crank, 316 Stainless Steel	R	/HSS
Handle, Flat, Stainless Steel(316)	S	/HAS
Handle, Flat, Offset, Stainless Steel(316)	T	/HAS45
Handle, High Torque, 316 Stainless Steel	U	/HTS
Handle, Medium Torque, Stainless Steel(316)	V	/MTS
316 Stainless Steel Top Works (High Torque, Pin, Washer, Cap)	W	/HTS
316 Stainless Steel Top Works (Medium Torque, Pin, Washer, Cap)	X	/MTS
Snap Ring on Spindle, No Handle	Y	/SR
1" Extended High Torque Handle	1	/HTE1
1½" Extended High Torque Handle	2	/HTE2
2" Extended High Torque Handle	3	/HTE3
Handle, Spring Return, High Torque	9	/HTSR

Group V Accessories Mounting Brackets		
Description	Accessory Code	OLD "Slash Codes"
Zero Accessory ("none")	Z	
Bottom Bracket	A	/BB
Side Bracket	B	/SB
Changes any single limit switch to Normally Closed	C	/NC
Movable Stop	D	/MS
Grease Bracket	E	/GB
Proximity Switch Mounts - Call DMIC Sales!	H-W	

Group III Accessories Complete Actuation Packages, Pneumatic, Double Acting & Spring Return				
Description (Type of Actuator)	Accessory Code	OLD "Slash Codes"	Description (Actuator Size)	Accessory Code
Note: If an Actuator is called out, the 3rd digit in the accessory code is used to call out "Type". The 4th digit will now be overridden with "Size"				
Zero Accessory ("none")	Z		Size "A"	A
Double Acting	1	/DA*	Size "B"	B
Spring Return (4 Spring)	2	/SR*4	Size "C"	C
Single Phase Electric (AC)	3	/EA*	Size "D"	D
Electric (DC)	4	/ED*	Size "E"	E
Double Acting Hydraulic Conversion	5	/DA*H3	Size "F"	F
Spring Return (4 Spring) Hydraulic Conversion	6	/SR*H4	Size "G"	G
DMIC Hydraulic Actuator (Not all sizes available)	7	/AC-HA*	Size "H"	H
			For any larger size Actuator, Call DMIC Sales!	I-L

Group VI Accessories Valve Surface Finish		
Description	Accessory Code	OLD "Slash Codes"
Zero Accessory ("standard finish")	Z	
NACE MRO175 Compliant	A	
Clear Anodize - override Standard	B	/AN
Black Zinc Plated - override Standard	C	/BZ
Yellow Zinc Dichromate Plated - override Std	D	/YZP
Electroless Nickel - override Standard	E	/EP
Black Anodize - override Standard	F	/BAN
Gas Application	G	/GAS
DFAR	H	/DFAR
Clear Zinc	I	/CZ
Hard Coat Anodize	J	/HCA
Chromium-6 Free Zinc	K	/C6F
Bleed Hole or Drain Ports - Call DMIC Sales!	N-V	

