

BVHH SUPER HIGH PRESSURE 10,000 PSI

Next generation design substantially strengthened
for durability and engineering factor ~ Sizes from ½" - 2"

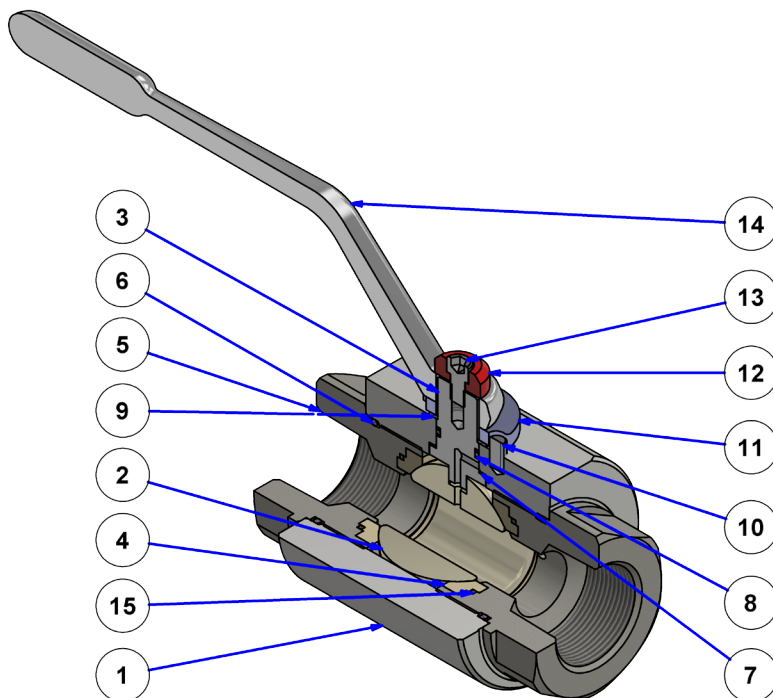


- Special Ball Seals and heavy duty construction, superior to traditional ball seal ring reinforcement designs; Assures shutoff capability
- Accepts many standard DMIC Accessories and a selection of custom **BVHH** Valve Options
- Standard Buna-N sealing

Service Parts BOM

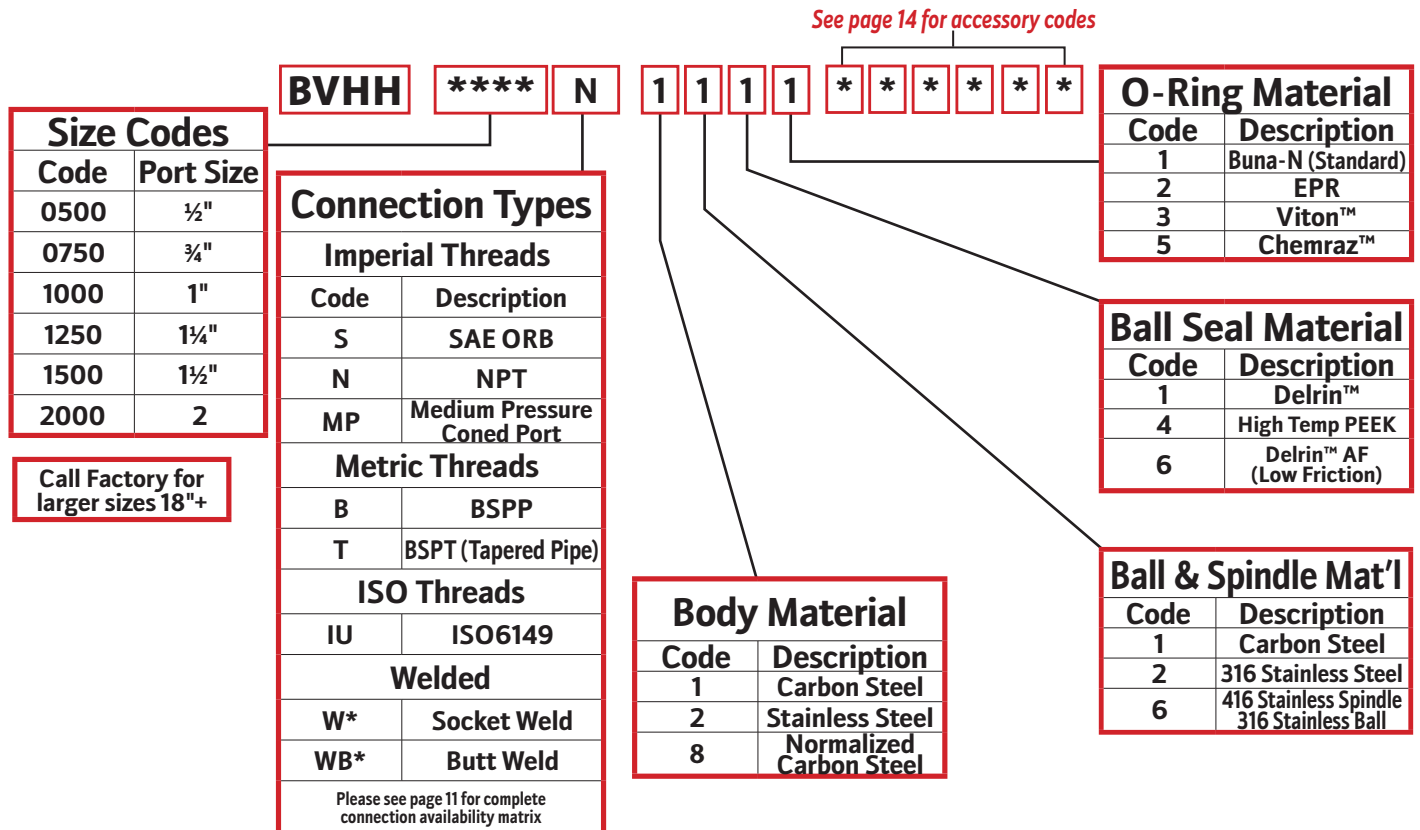
BVHH	SERVICE PARTS BOM	
Index	Qty	Description
1	1	Valve Body
2	1	Ball
3	1	Spindle
4	2	Ball Seal
5	1*	End Connection(s)
6	1*	End Connection O-Ring(s)
7	1	Internal Thrust Washer
8	1	Spindle O-Ring(s)
9	1	External Glide Washer
10	1	Stop Pin
11	1	Stop Washer
12	1	Color Code Cap
13	1	Handle Screw
14	1	Handle
15	2*	Ball Seal O-Ring(s)

*Quantity depends on size and configuration



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Ordering Codes Summary



Note: Changes from Standard Materials may result in changes to temperature and/or pressure rating.

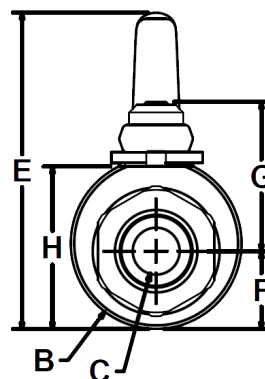
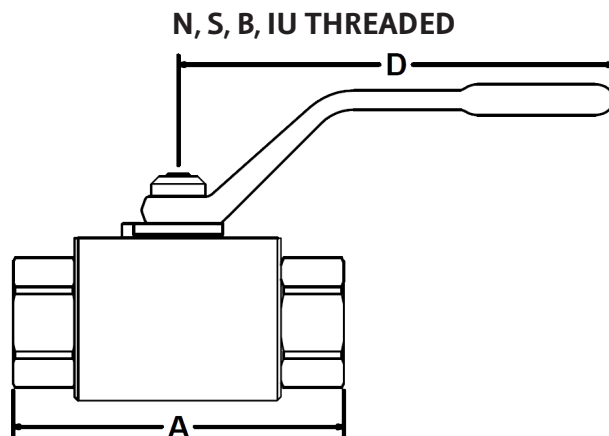
DMIC supplies various end connection styles to fit the customer's needs even though the pressure rating of some connection types may be lower than the valve. Please operate your system in accordance with the lowest rated pressure components.

Due to our policy of continual product improvement, the specifications in this catalog may change without notice. When designing by spec, please request a certified print.

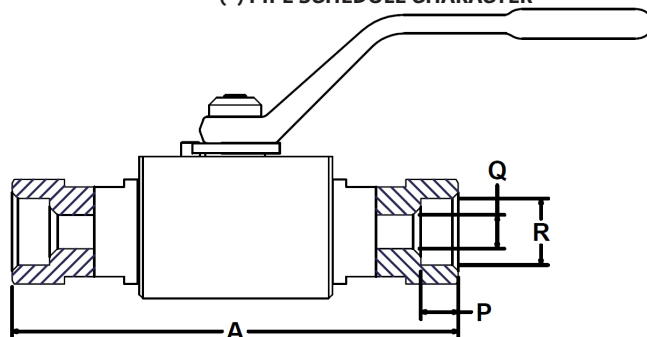


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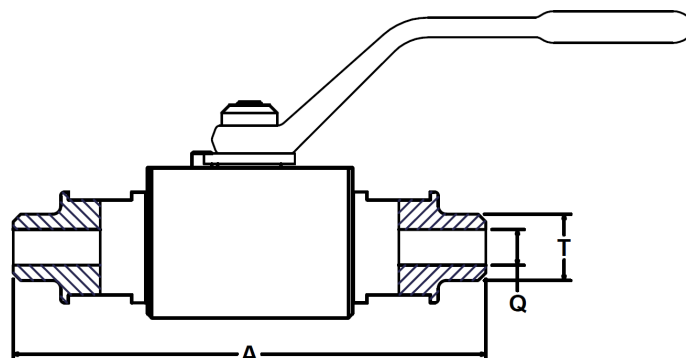
BVHH		Dependent Dimensions							
Dimensions B,C,D,E,F,G,H are common dimensions									
Threaded Connections									
Dimension (Inches)		A	B	C	D	E	F	G	H
Port Code(s)	Port Size	Overall Length	Body Diameter	Bore Size	Handle Length	Overall Height	Center to Valve Bot	Center to Valve top	Valve Height
N S B IU Threaded Connections	½"	4.22	1.75	0.38	4.50	3.26	0.75	1.69	1.67
	¾"	4.72	2.5	0.56	7.00	4.84	1.11	2.29	2.37
	1"	5.32	2.75	0.75	7.00	5.08	1.25	2.40	2.61
	1¼"	6.20	3.50	0.90	9.86	6.52	1.54	3.10	3.32
	1½"	6.21	4.00	1.13	9.86	6.92	1.72	3.33	3.72
	2"	7.34	5.00	1.50	9.86	7.99	2.50	3.62	4.79
Socket Weld End Connections									
Dimension (inches)		A		C		P		Q	R
Port Code(s)	Port Size	Overall Length		Bore Size		Socket Depth		Connection Inside Diameter	Inside Socket, Outer Diameter
W* SCH.X Socket Weld End Connections	½"	6.72		0.38		0.75		Based Upon Pipe Sch.	0.88
	¾"	7.47		0.56		0.63			1.10
	1"	8.25		0.75		0.98			1.35
	1¼"	8.95		0.90		1.00			1.69
	1½"	9.03		1.13		1.00			1.97
	2"	11.41		1.50		1.00			2.42
Butt Weld End Connections									
Dimension (inches)		A		C		Q		T	
Port Code(s)	Port Size	Overall Length		Bore Size		Connections Inside Dia.		Connection Outside Dia.	
WB* SCH.X Butt Weld End Connections	½"	6.22		0.38		Based Upon Pipe Sch.		0.84	
	¾"	7.47		0.56				1.05	
	1"	8.25		0.75				1.31	
	1¼"	8.95		0.90				1.66	
	1½"	9.03		1.13				1.91	
	2"	11.41		1.50				2.38	



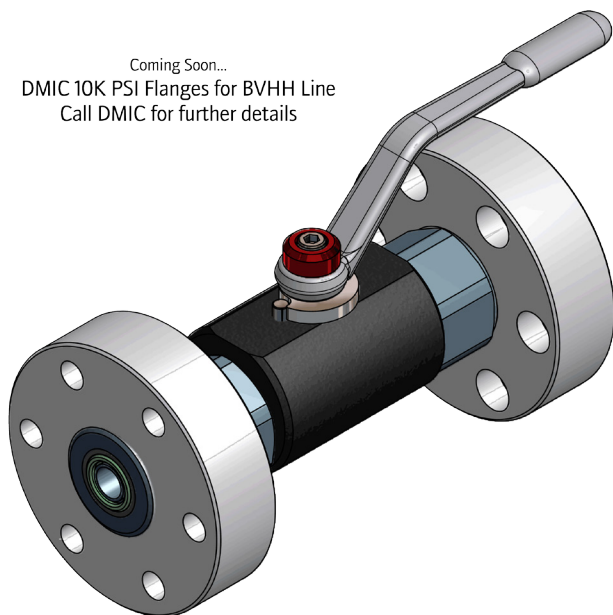
W(*) FIXED SOCKET WELD
(*) PIPE SCHEDULE CHARACTER



WB(*) FIXED BUTT WELD
(*) PIPE SCHEDULE CHARACTER

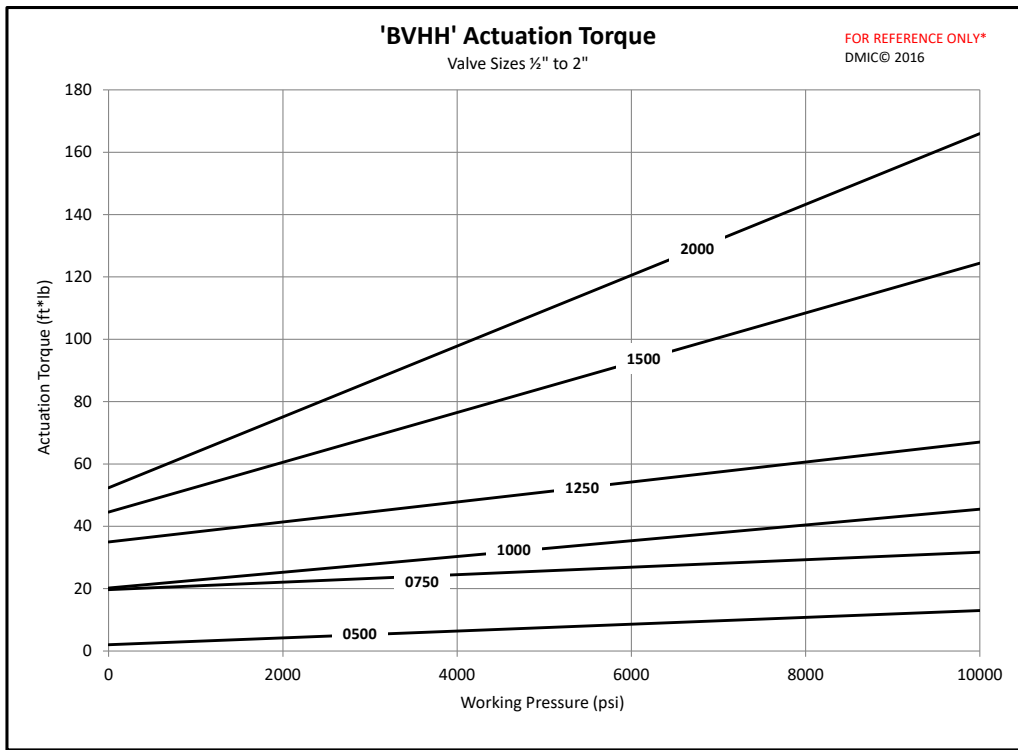
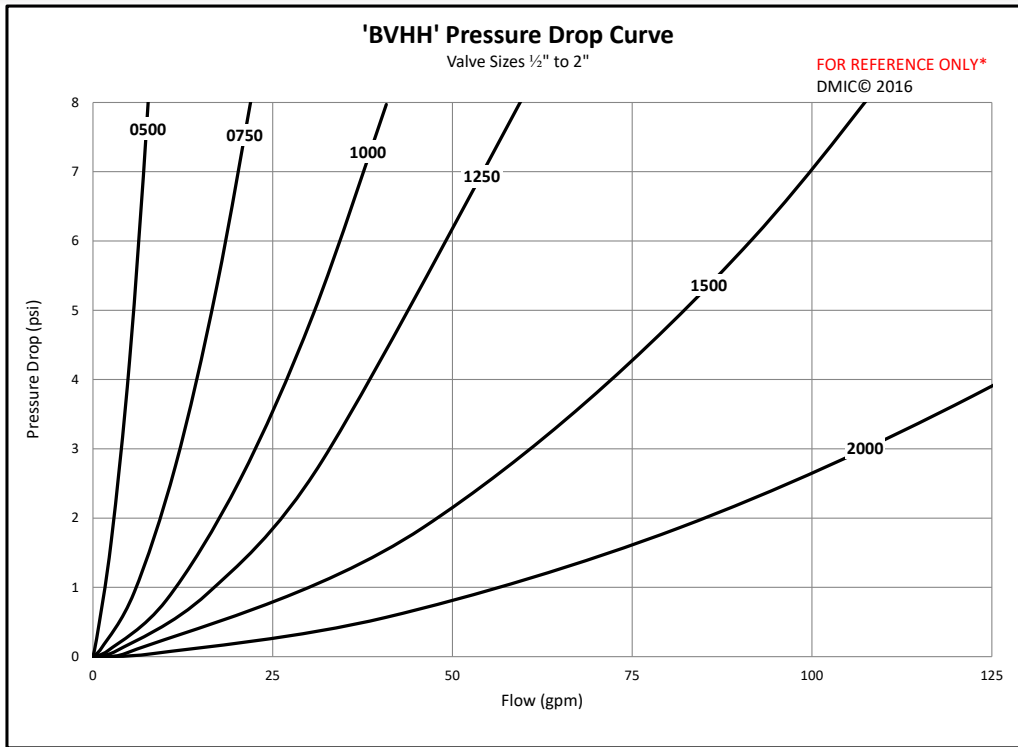


Coming Soon...
DMIC 10K PSI Flanges for BVHH Line
Call DMIC for further details



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Flow Characteristic and Actuation Torque Curves



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DBV-2504A
PAGE 47

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