BVHHH Ultimate Pressure 15,000 PSI

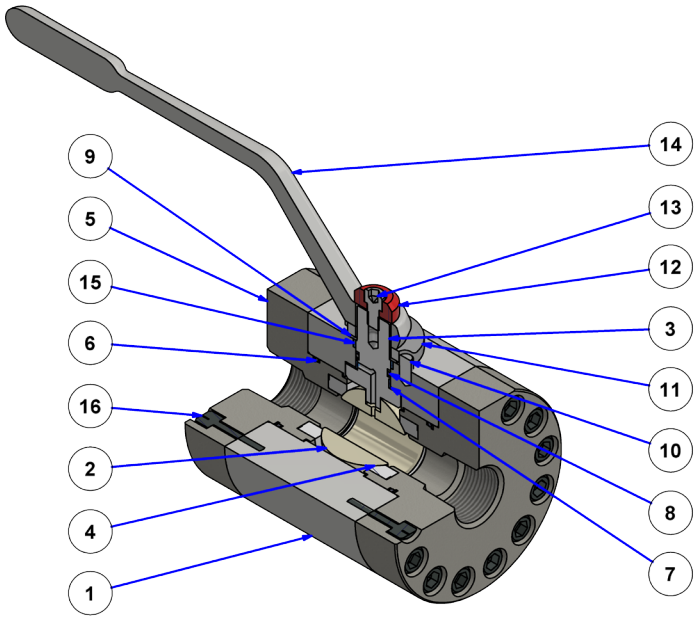
DMIC'S 15,000 PSI Floating Ball Valve, ¼" to 2"

Extreme Pressure Handling, Generous Engineering Factor

- Max Allowable working pressure up to 15,000 PSI with 3:1 engineering factor
- Special reinforcements prevent collapse of ball seals ensuring that most of DMIC's ball seal materials can be used
- Designed with DMIC's standard blowout-proof stem.
- Compatible with DMIC's wide array of accessories
- Call DMIC for application support or to place order

Service Parts BOM

BVHHH	SERVICE PARTS BOM	
Index	Qty	Description
1	1	Valve Body
2	1	Ball
3	1	Spindle
4	2	Ball Seal
5	2	End Connection
6	2	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	1	Spindle Bushing(s)
16	24	End Connection Screws
*Quantity depends on size and combination of body		



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Ordering Codes Summary

See page 14 for accessory codes

BVHHH	****	N	1	1	4	1	*	*	*	*	*	*

Size Codes

Code	Port Size
0250	¼"
0375	⅜"
0500	½"
0750	¾"
1000	1"
1250	1¼"
1500	1½"
2000	2"

Call Factory for larger sizes 18"+

Connection Types

Imperial Threads	
Code	Description
N	NPT
Welded	
W*	Socket Weld
WB*	Butt Weld
Autoclave Connections	
MP	Medium Pressure Coned Port
HP	High Pressure Coned Port

O-Ring Material

Code	Description
1	Buna-N
2	EPR
3	Viton™
4	Teflon™
5	Chemraz™
6	Kalrez
7	Buna -3716 (low Temp)

Seal,Bushings,Washer

Code	Description
4	High Temp PEEK
C	Carbon Filled PEEK
P	Glass Reinforced PEEK

Ball & Spindle Mat'l

Code	Description
1	Carbon Steel
2	316 Stainless Steel
6	416 Stainless Spindle 316 Stainless Ball

Body Material

Code	Description
1	Carbon Steel
2	Stainless Steel

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

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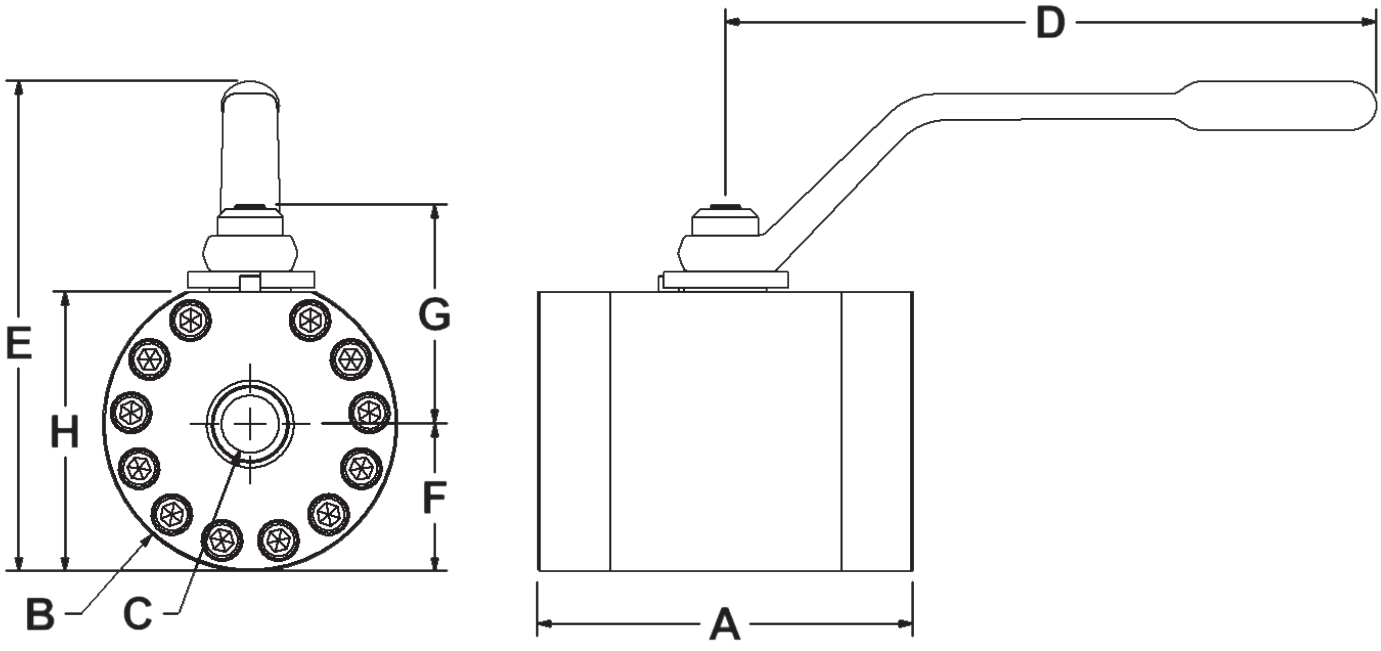
BVHHH	Ball Valve Dimensions (Threaded Connections Only)								
Port Code	Port Size	Valve Dimensions (in)							
		Valve Length A	Body Diameter B	Internal Bore C	Handle Length D	Overall Height E	Bottom to Center F	Center to Mounting Pad G	Bottom to Cap H
N Threaded Connection	½"	3.83	2.95	0.38	7.00	5.18	1.48	2.27	2.71
	¾"	Please Call DMIC At 1-800-248-DMIC							
	1"	5.69	4.47	0.88	9.86	7.43	2.24	3.32	4.24
	1¼"	Please Call DMIC At 1-800-248-DMIC							
	1½"								
	2"	8.25	7.20	1.50	12.00	10.26	3.60	4.96	6.86

N THREADED



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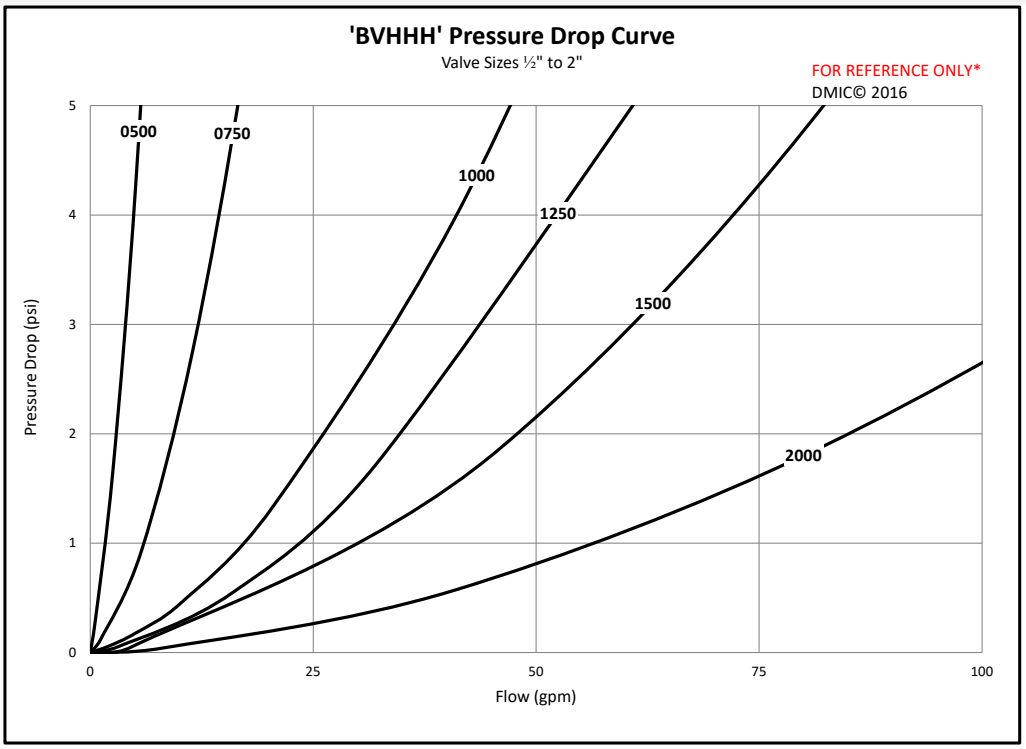
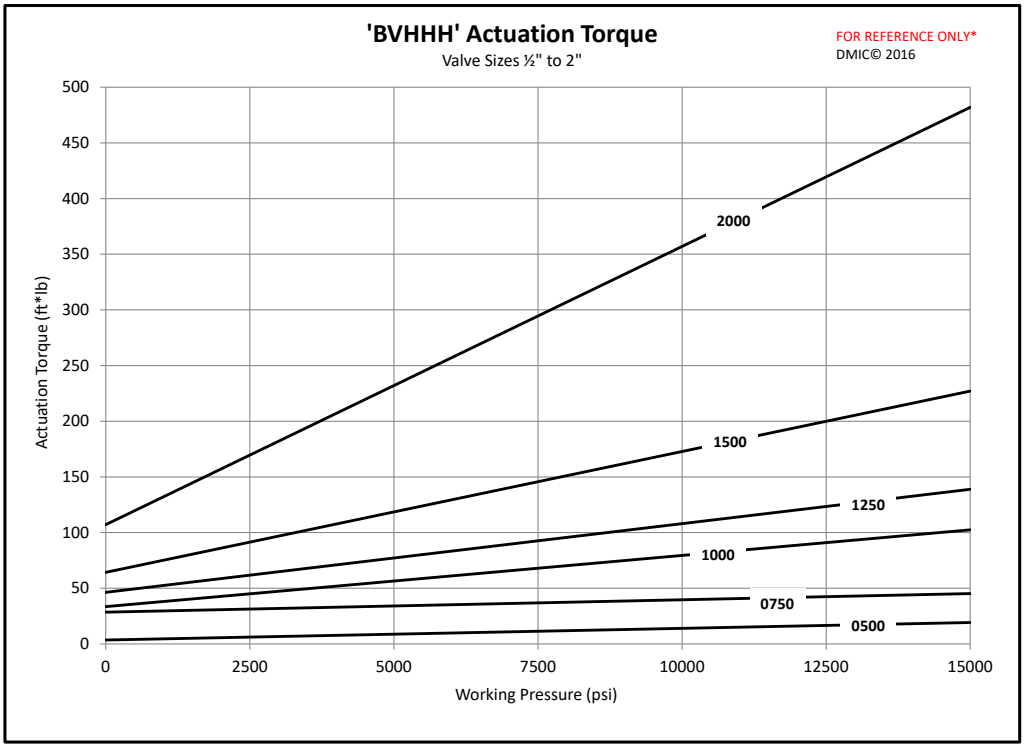
Flow Characteristic and Actuation Torque Curves





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