

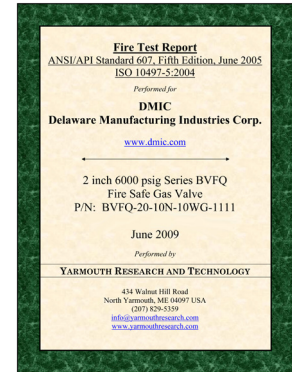
BVFQ/BVFQG

FireSafe 6000 PSI - Certified to API 607 5th Edition

DMIC BVFQ starts with the High Quality BVQ as a foundation. Then secondary sealing is added to attain the DMIC certified FireSafe Valve Series



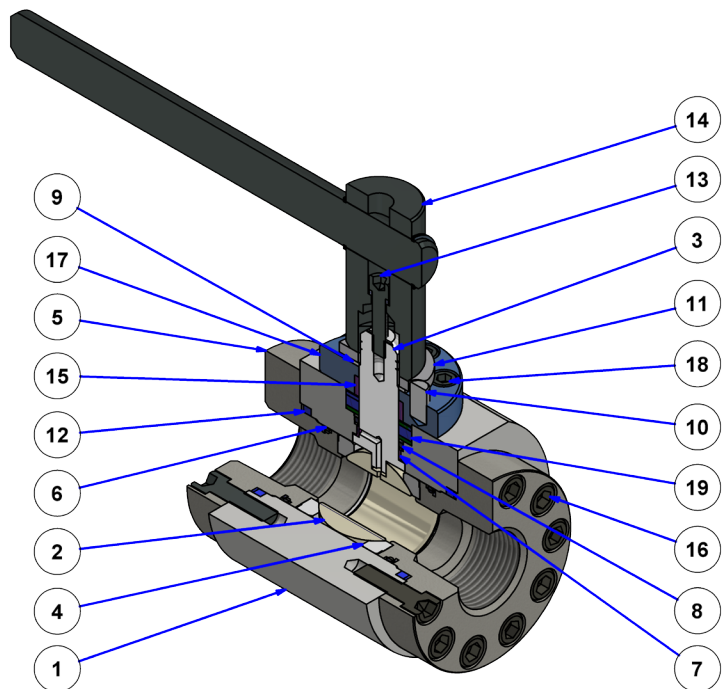
- Standard sizes range from ½" - 6" bore; Call for sizes greater than 2" bore.
- Designed for demanding applications where high performance & quality are required
- 6,000 PSI with generous design factor to eliminate damage due to pressure spikes.
- Wide variety of bolted end connections ideal for heavy industrial applications.
- Isolated spindle without metal-to-metal contact
- Secondary Sealing Material



Service Parts BOM

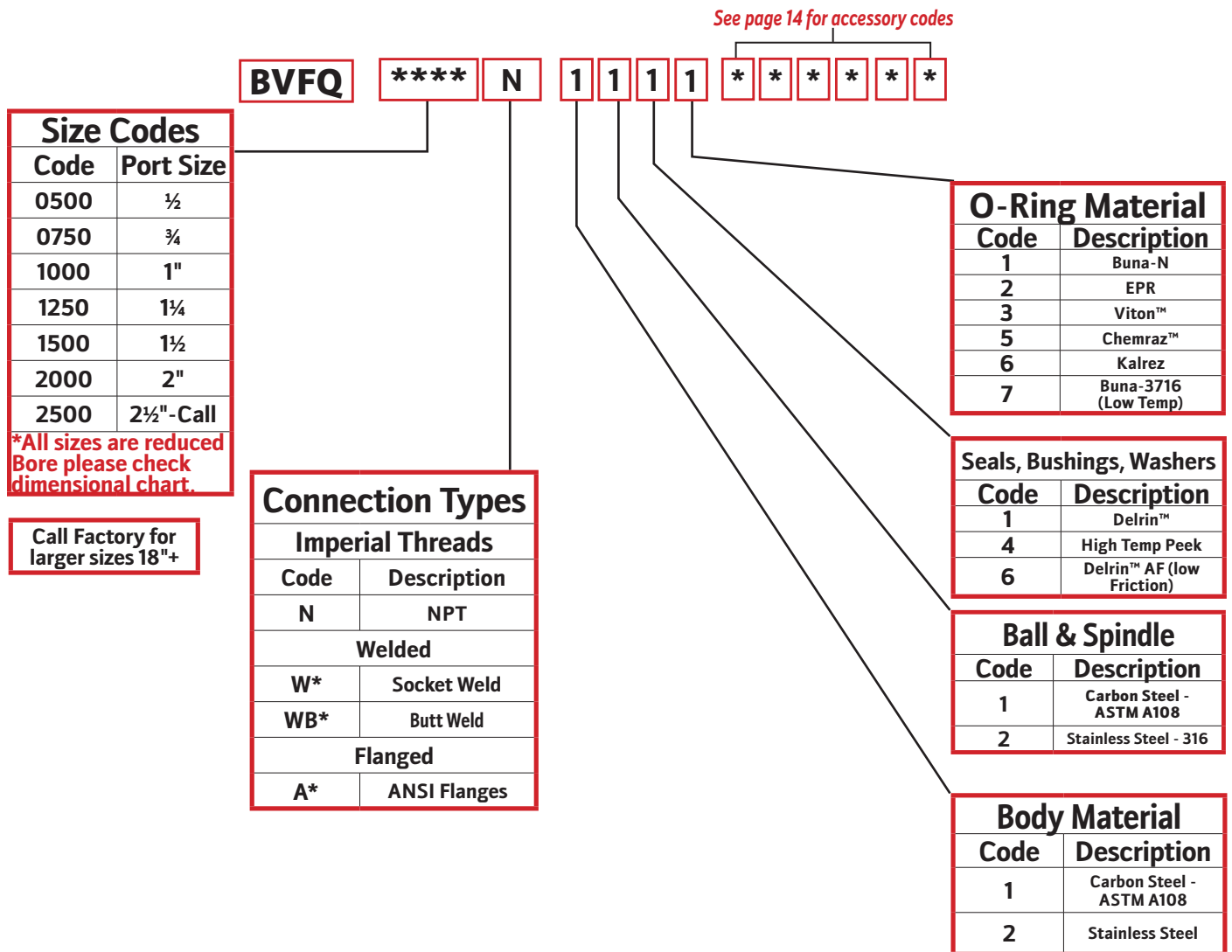
BVFQ/FQG	SERVICE PARTS BOM	
Index	Qty	Description
1	1	Valve Body
2	1	Ball
3	1	Spindle
4	2	Ball Seal
5	2	End Connection(s)
6	2	End Connection O-Ring(s)
7	1	Internal Thrust Washer
8	1	Spindle O-Ring(s)
9	1	External Glide Washer
10	1	Stop Pin
11	1	Stop Washer
12	1	Fire Safe Body Seal
13	1	Handle Screw
14	1	Handle
15	1	Spindle Bushing(s)
16	24*	End Connection Screws
17	8	Top Cap
18	4*	Top Cap Screws
19	1	Fire Safe Spindle Seal

*Quantity depends on size and configuration



BVFQ/BVFQG

Ordering Codes Summary



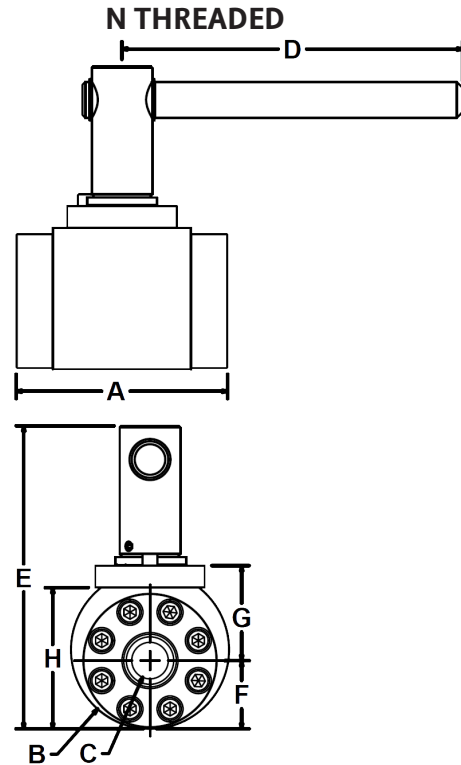
Note: Changes from Standard Materials result in changes to temperature and/or pressure rating.

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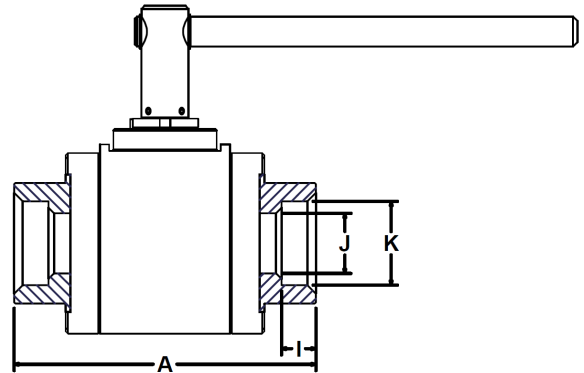


BVFQ/BVFQG

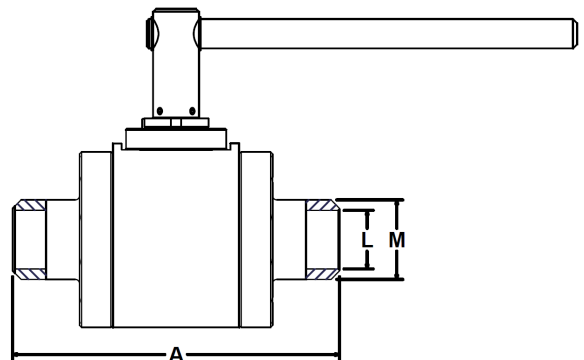
BVFQ/ BVFQG		Dependent Dimensions							
Threaded Connection									
Dimension (Inches)		A	B	C	D	E	F	G	H
Port Code(s)	Port Size	Overall Length	Body Width	Bore Size	Handle Length	Overall Height	Bottom to Center of Bore	Center of Bore to Top	Body Height
N Threaded Connections	½"	3.21	2.75	0.50	4.50	4.31	1.14	1.53	2.25
	¾"	4.34	3.25	0.75	7.00	6.27	1.40	1.95	2.90
	1"	4.33	3.50	0.88	7.00	6.58	1.54	2.12	3.21
	1¼"	4.75	4.25	1.13	10.00	7.59	1.91	2.49	3.90
	1½"	5.09	5.00	1.31	10.00	8.46	2.25	3.01	4.64
	2"	6.40	5.50	1.75	12.00	9.53	2.63	3.31	5.31
Socket Weld Connection									
Dimension (Inches)		A		I		J		K	
Port Code(s)	Port Size	Overall Length		Socket Depth		Connection Inside Diameter		Inside Socket Outer Diameter	
W* SCH.X Socket Weld End Connections	½"	5.50		0.75		DEPENDENT UPON PIPE SCHEDULE		0.88	
	¾"	9.25		0.75				1.09	
	1"	7.00		1.00				1.36	
	1¼"	7.50		1.00				1.70	
	1½"	8.09		1.00				1.95	
	2"	8.78		1.00				2.44	
Butt Weld Connection									
Dimension (Inches)		A			L			M	
Port Code(s)	Port Size	Overall Length			Connection Inside Diameter			Pipe Diameter	
WB* SCH.X Butt Weld End Connections	½"	Call Factory							
	¾"								
	1"								
	1¼"								
	1½"								
	2"								



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

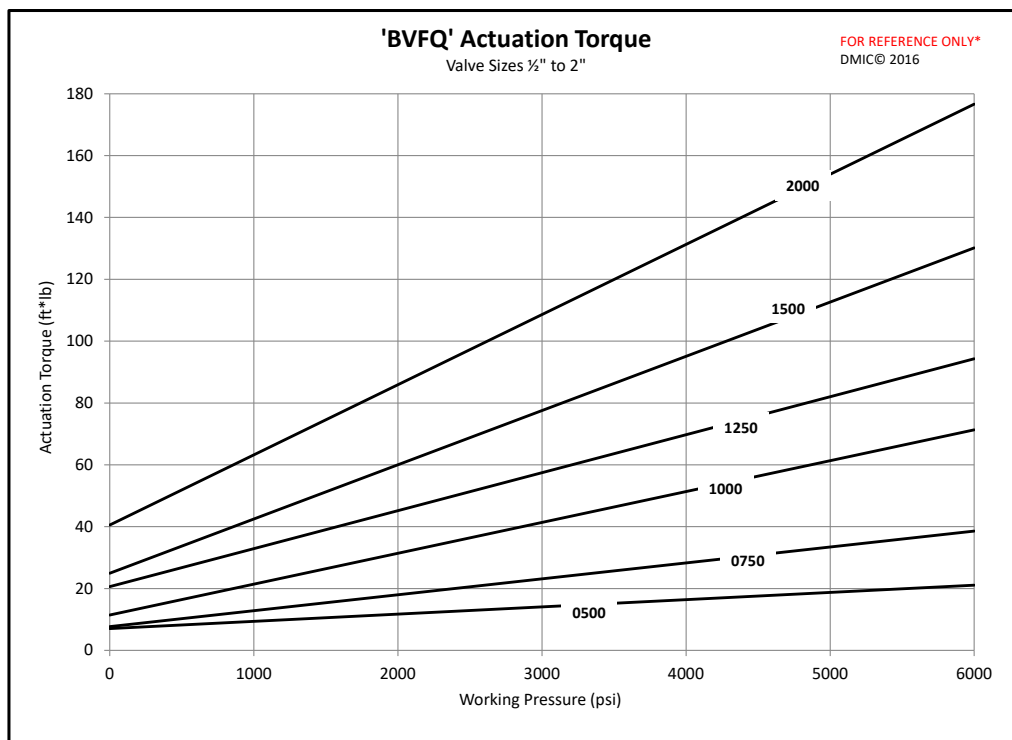
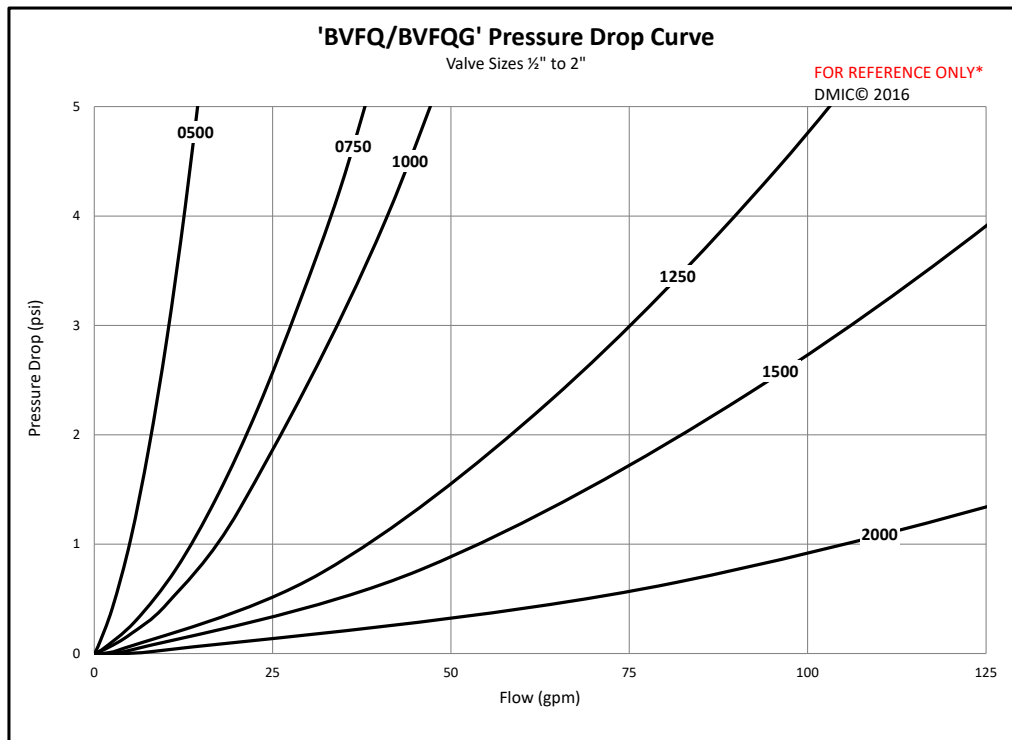


WB(*) FIXED BUTT WELD
(*) PIPE SCHEDULE CHARACTER



BVFQ/BVFQG

Flow Characteristic and Actuation Torque Curves



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