

High Pressure NACE Threaded Ball Valve
Stainless Steel ■ Carbon Steel ■ Various other Alloys
6000 PSI (1/4" - 2")



**GLOBAL VALVE
& CONTROLS**



SERIES BV6000

Providing Hundreds of Products. Supporting Thousands of Clients. Controlling Millions of Gallons.

DEPEND ON US. WE CAN HANDLE THE PRESSURE.



SERIES G



GF-3



SERIESCK



GLF-4



SERIESGL



CKF-2



NVG6000



NV10000



GLOBAL VALVE & CONTROLS



20-RP



20-FP



SERIES SBG



SERIES EXPG



SERIES FS



BV2000



SERIES 2T/3T



BV3600



BV6000



YFS w/ MCB



CFS



SERIES 790



SERIES 30

BV3705



SERIES 10



SERIES 800



SERIES FSD-61

Discover the difference!



Series BV6000

- ◆ Sizes 1/4" - 1 1/2" in Full Port
- ◆ Sizes 2" in Regular Port
- ◆ 6000 W.O.G. (PSI)
- ◆ 2-Piece Body Design
- ◆ Threaded End Connections to ASME B1.20.1 (NPT)
- ◆ Carbon or Stainless Steel
- ◆ NACE MR0175 Compliant
- ◆ Fire Safe Design
- ◆ Locking SS handle
- ◆ High-Quality Investment Casting
- ◆ ISO 5211 Actuator Mounting Pad
- ◆ Seal Weld Option



GLOBAL Valve & Controls® () is an ISO 9001 certified and API 6D, Q1 licensed valve manufacturer of Domestic and Non Domestic products. Offering Ball, Globe, Gate, Expanding Gate, Slab Gate, Check, and Needle Valves; Actuators and Automation Accessories.

 accommodates & services the Upstream, Midstream & Down-stream market segments of the oil/gas industry, with a primary focus on Natural Gas Transport and Storage Projects, as well as, the Petrochemical, Agricultural, Mining, Water/ Waste Management, and Aerospace Industrial Sectors.

GLOBAL Valve & Controls® has the right valve for the right application, ranging from ANSI 150 through 2500, sizes 1/4 to 48", in Stainless Steel, Carbon Steel, Alloy 20, Monel, Duplex, and other various exotic body materials.

 also carries fully automated valve packages, fugitive emission solutions, control packages, cryogenic valves, as well as, various valve coating solutions. Special Ordering is available!

GLOBAL Valve & Controls® continues to make strides in elevating our company beyond industry standards, by being consistent in providing products that are of superior quality and performance, dedicating ourselves to quality assurance, and being immediately responsive to our customer needs. We look forward to the opportunity to supply your valve needs!

Sincerely

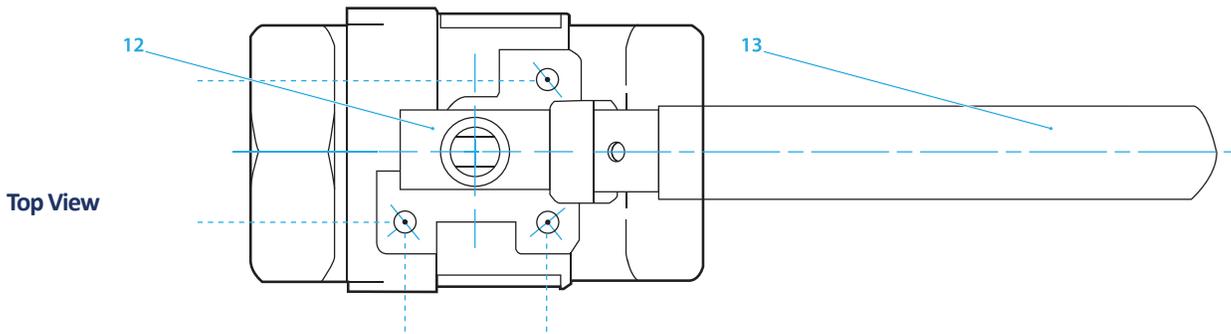


Troy Richard
CEO at GLOBAL Valve
& Controls

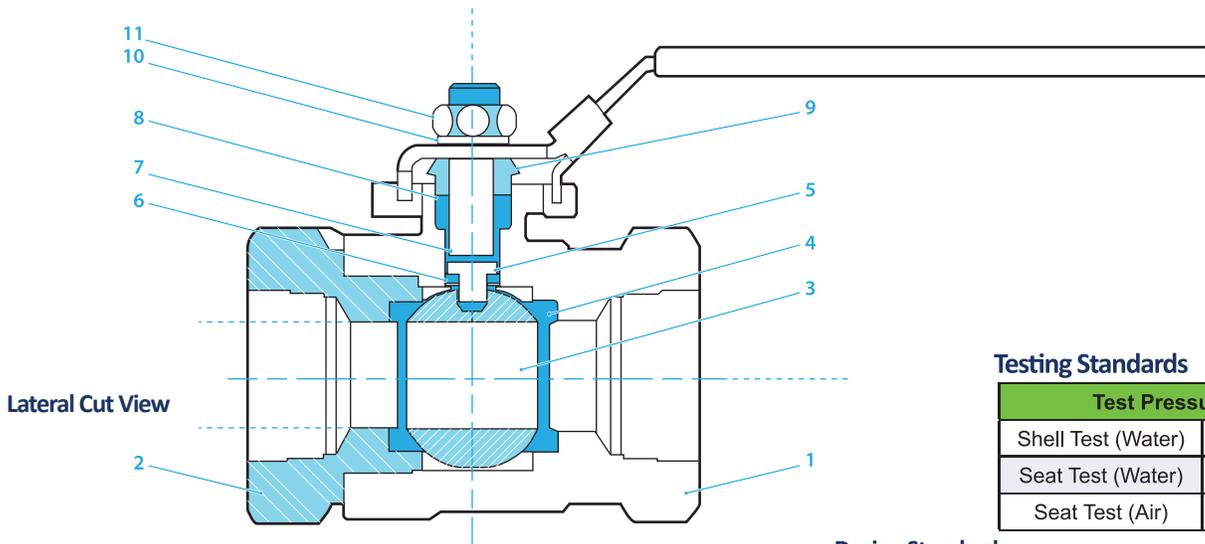


MATERIALS OF CONSTRUCTION

SERIES BV6000



Top View



Lateral Cut View

Testing Standards

Test Pressure	
Shell Test (Water)	9000 PSI
Seat Test (Water)	6600 PSI
Seat Test (Air)	85 PSI

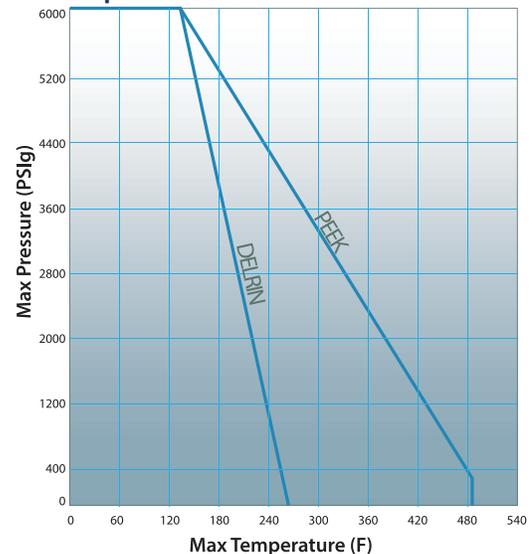
Bill of Materials

NO.	PART NAME	MATERIAL
1	Body	A351-CF8M or A216-WCB
2	Insert	A351-CF8M or A216-WCB
3	Ball	A351-CF8M
4	Seat	DELTRIN/PEEK
5	Stem	316SS
6	Thrust Washer	RTFE®
7	Stem Seal	Grafoil
8	Stem Packing	Grafoil
9	Gland Nut	304SS
10	Stem Washer	304SS
11	Stem Nut	304SS
12	Lever Handle	304SS
13	Handle Cover	Plastic

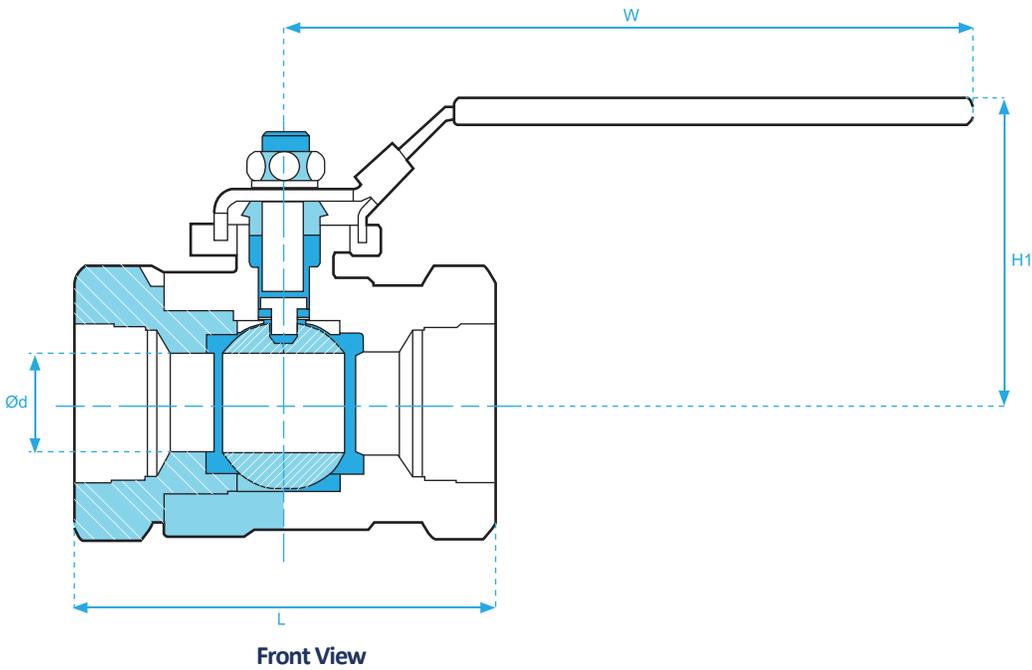
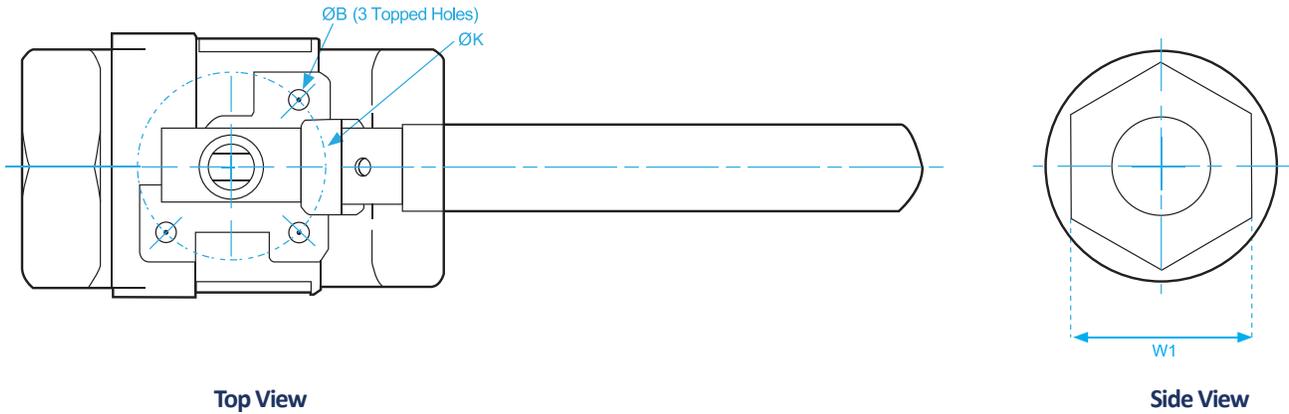
Design Standards

MANUFACTURING & TESTING STANDARDS	
Thread Ends	ASME B 1.20.1
Socket Weld Ends	ASME B16.11
Inspection and Test	API 598
Base Design	ASME B16.34
NACE	MR0175

Pressure Temperature Chart



Due to the ongoing development of our product line, Global Valve & Controls reserves the right to change the dimensions contained in the leaflet, as required.



Engineering Data

UNIT	SIZE	Ød	L	H1	W	K	W1	ØB
in	1/4"	0.250	2.992	2.283	4.961	1.417	1.252	12-24 UNC
mm	6.3	8	75.9	57.9	126	36	31.8	
in	3/8"	0.375	2.992	2.283	4.961	1.417	1.252	
mm	9.5	10	75.9	57.9	126	36	31.8	
in	1/2"	0.500	4.050	2.283	4.961	1.417	1.252	
mm	12.7	15	102.8	57.9	126	36	31.8	
in	3/4"	0.750	4.250	2.580	5.709	1.654	1.815	1/4"-20 UNC
mm	19	20	107.9	65.5	145	42	46.1	
in	1"	1.000	4.528	3.550	8.150	1.969	2.252	5/16"-18 UNC
mm	25.4	25	115	90.1	207	50	57.2	
in	1 1/4"	1.250	4.764	4.100	8.150	1.969	2.756	5/16"-18 UNC
mm	31.7	32	121	104	207	50	70.0	
in	1 1/2"	1.500	5.276	4.130	10.118	2.756	3.500	5/16"-18 UNC
mm	38.1	40	134	104.9	257	70	88.9	
in	2"	2.000	6.220	4.130	10.118	2.756	3.500	5/16"-18 UNC
mm	50.8	50	157.9	104.9	257	70	88.9	

Design Standards

MANUFACTURING & TESTING STANDARDS	
Thread Ends	ASME B 1.20.1
Socket Weld Ends	ASME B16.11
Inspection and Test	API 598
Base Design	ASME B16.34
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HOW TO ORDER

SERIES BV6000



SERIES BV6000

- ◆ 6000 W.O.G. (PSI) Rated
- ◆ 2-Piece Design
- ◆ 1/4" – 1 1/2" Full Port, 2" Reduced Port
- ◆ NACE MR0175 Compliant
- ◆ Fire-Safe Design, ISO 5211 Mounting Pad

Series	Body	Trim	Seats	Seals	Ends	Operator	Options	Size
BV6000	1 - Carbon Steel	3 - 316SS	D - DELRIN	G - Grafoil	TE - Threaded Ends	L - Lever Handle	X - Special	1/4"
		X - Special	P- PEEK	R - Reinforced Teflon				3/8"
	3 - 316SS							1/2"
								3/4"
								1"
	X - Special			T- Teflon (TFE)				1 1/4"
								1 1/2"
								2"

BV6000	3	3	D	G	TE	-	.50
Series	Body	Trim	Seats	Seals	Ends	Options	Size

Description:

1/2" 6000PSI Rated, 2-Piece Design, Full Port, Threaded End Ball Valve, 316SS Body and Trim, Derlin Seats, Graphite Seals, Blowout Proof Stem Design, Locking Stainless Steel Handle, ISO 5211 Mounting Pad, NACE MR0175 Compliant. Designed in Accordance to ASME B16.34, NACE MR0175, Firesafe Design and Tested to API 598.

PLEASE NOTE: There may be some performance variations between the GVC Series BV6000 and other manufacturer's comparable body designs. To ensure the longevity of performance, please provide specific information relevant to the requirements needed for each application process.



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Please contact our sales representatives to receive more information regarding your systems particular needs.

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