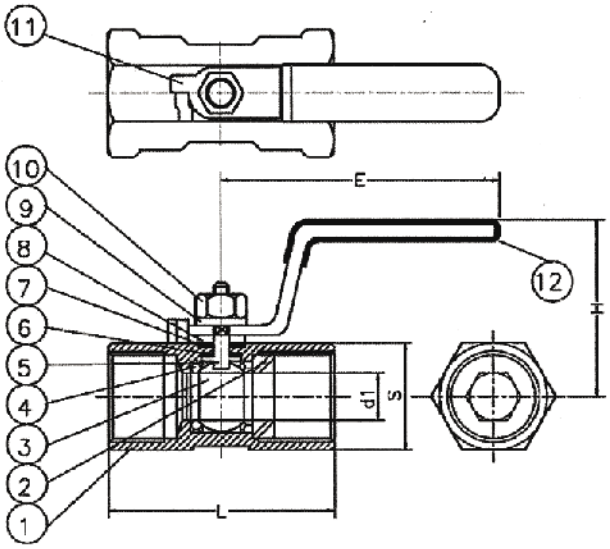
Ball Valves
1 PC Lever Operated Ball Valve

VB1B – 1 Piece Ball Valve
Reduced bore
Blow out Proof Stem
Locking Devise
1000 PSI (69 BAR) W.O.G.
Testing to API 598
BSP/NPT Threaded
Temp Range – 20 - 200 Deg C

NO	PART NAME	MATERIALS
1	Body	CF8M
2	Insert	CF8M
3	Ball	CF8M
4	Ball Seat	PTFE
5	Stem	S/S 316
6	Thrust Washer	PTFE
7	Stem Seal	PTFE
8	Gland Washer	S/S 304
9	Spring Washer	S/S 304
10	Nut	S/S 304
11	Lever Handle	S/S 304
12	Handle Sleeve	Plastic

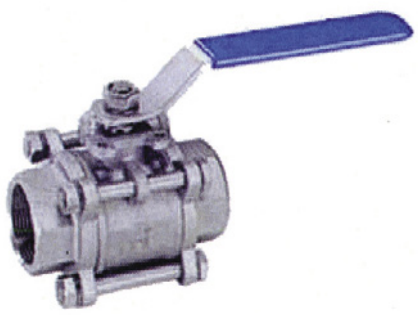


DIMENSIONS:

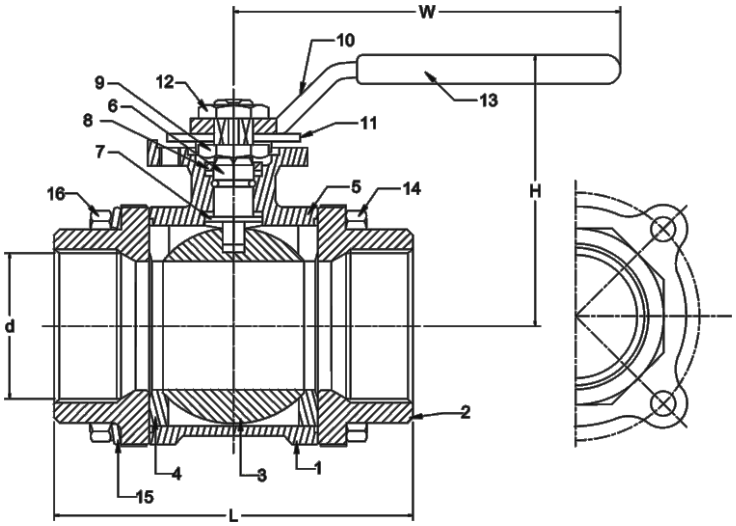
SIZE	d	L	H	W	Cv FACTOR	KGs
¼"	5	40	33	67	4	0.06
3/8"	7	45	36	67	4	0.1
½"	9	58	37	93	4.5	0.16
¾"	12.5	60	42	93	9	0.26
1"	16	71	52	103	16	0.38
1 ¼"	20	78	56	103	24	0.61
1 ½"	25	82.5	65	125	37	0.85
2"	32	100	70	125	68	1.4

Ball Valves
3 PC Lever Operated Ball Valve

VB3B – 3 Piece Ball Valve
Full Bore
Blow out Proof Stem
Locking Devise
1000 PSI (69 Bar) W.O.G.
Investment Cast Body & Cap
Testing to API 598
Threaded, Socket Weld & Butt Weld Ends
Seat/Seal: 15% Reinforced Glassfiber PTFE
TEMP Range – 20 – 200 Deg C



NO	PART NAME	MATERIALS
1	Body	CF8M WCB
2	Cap	CF8M WCB
3	Ball	CF8M CF8M
4	Ball Seat	15% Glass Filled PTFE
5	Gasket	15% Glass Filled PTFE
6	Stem	AISI 304
7	Thrust Washer	PTFE
8	Packing	PTFE
9	Gland Nut	S/S 304
10	Handle	S/S 304
11	Stem Washer	S/S 304
12	Stem Nut	S/S 304
13	Plastic Cover	Plastic
14	Bolt	S/S 304
15	Spring Washer	S/S 304
16	Hex Nut	S/S 304



DIMENSIONS:

SIZE	d	L	H	W	Cv FACTOR	TORQUE N-m*	KGs
¼"	11.6	52	48	100	6.6	4.5	0.29
3/8"	11.6	52	48	100	7.9	4.5	0.29
½"	15	63.4	52	100	10	5	0.39
¾"	20	71	61	127	25	7.4	0.61
1"	25	80.6	65	127	35	11.4	0.86
1 ¼"	32	94	79	154	46	17.8	1.37
1 ½"	38	104	83	154	80	22	2.04
2"	50	126.4	97	192	110	26	3.74
2 ½"	65	160	135	244	310	48.5	6.44
3"	80	179.5	144	244	360	155.9	10.20
4"	100	220	157	280	820	272	24.1

*Torque figures are for break torque and do not include any safety factor.