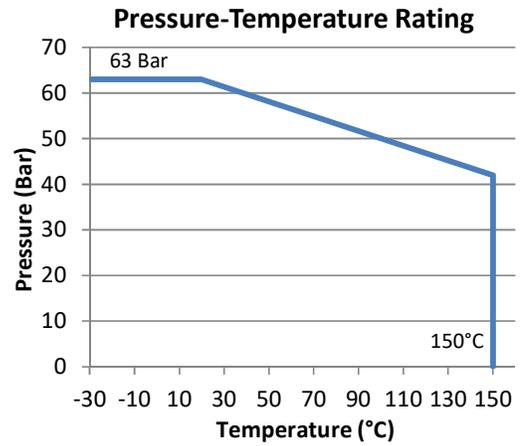
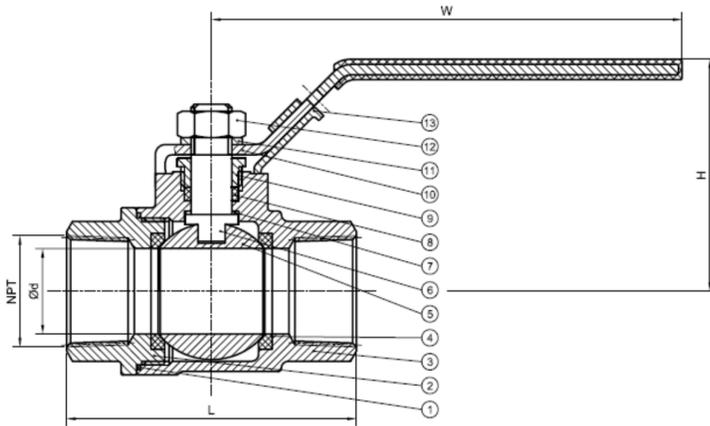


## 2 Piece Ball Valves

### Features

- 2 PC Body Design
- Full Bore, Quarter Turn Operation
- Sizes: 1/4" – 4" (DN8 – DN100)
- Working Pressure: 1000 WOG / 2000 WOG
- Threaded End: BSPP, NPT
- Applicable Medium: General Oil, Gas & Water Applications
- Blow-out Proof Stem Design
- Temperature: -20 Deg C to 120 Deg C



### Material List

No.	Part Name	Material	No.	Part Name	Material
1	Gasket	PTFE	8	Stem Packing	PTFE
2	Body Connector	CF8M	9	Gland	AISI 304
3	Body	CF8M	10	Handle	AISI 304
4	Seat Ring	PTFE	11	Wrench Washer	AISI 304
5	Ball	CF8M	12	Handle Nut	AISI 304
6	Stem	AISI 316	13	Locking Device	AISI 304
7	Thrust Washer	PTFE			



**Ordering Information**

VL - S - B2 - G - 1000 - 08  
I - II - III - IV - V - VI

**I Type of Item**  
VL Low Pressure Valves

**II Material Grade**  
S SS316, CF8M  
FS Forged Steel  
B Brass

CI Cast Iron  
CS Cast Steel

**III Item**

GA	Gate Valve	B1	1 PC Ball Valve
GL	Globe Valve	B2	2 PC Ball Valve
YS	Y-Strainer	B3	3 PC Ball Valve
SC	Swing Check Valve	BL	3 Way Valve L Port
VC	Vertical Check Valve	BT	3 Way Ball Valve T Port
WC	Wafer Check Valve	BMF	Male x Female Mini Ball Valve
DD	Dual Disk	BU	Butterfly Valve

**IV Connection Type**

SW	S/W	G	BSP
BW	B/W	N	NPT
R	BSPT	F	Flange End
W	Wafer	L	Lug

**V Pressure**

200	200 PSI	1000	1000 PSI
300	300 PSI	150	ANSI 150# Flange Standard
600	600 PSI	10K	JIS 10K Flange Standard
800	800 PSI	PN16	PN 16 Flange Standard

**For Inch OD & Inch NB Sizes**

VI Size	1/8"	1/4"	5/16"	3/8"	1/2"	5/8"	3/4"	1"
Code	02	04	05	06	08	10	12	16
Size	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
Code	20	24	32	40	48	64	80	96

**VII Coating**

(none) No Additional Coating  
NI Nickel Plating

**Dimension List (1000 WOG)**

NPS	Connection	Impa Code	Part No	d	L	H	W	Weight (kg)
1/4"	BSPP	75 66 65	VL-S-B2-G-1000-04	10	53	45	100	0.21
3/8"	BSPP	75 66 66	VL-S-B2-G-1000-06	12	53	45	100	0.25
1/2"	BSPP	75 66 67	VL-S-B2-G-1000-08	15	62	49	104	0.30
3/4"	BSPP	75 66 68	VL-S-B2-G-1000-12	20	70	55	118	0.51
1"	BSPP	75 66 69	VL-S-B2-G-1000-16	25	81	67	145	0.75
1 1/4"	BSPP	75 66 70	VL-S-B2-G-1000-20	32	95	70	145	1.48
1 1/2"	BSPP	75 66 71	VL-S-B2-G-1000-24	38	105	80	177	1.72
2"	BSPP	75 66 72	VL-S-B2-G-1000-32	50	117	92	177	3.08
2 1/2"	BSPP	75 66 73	VL-S-B2-G-1000-40	65	163	113	224	4.85
3"	BSPP	75 66 74	VL-S-B2-G-1000-48	80	190	127	242	7.53
4"	BSPP	-	VL-S-B2-G-1000-64	96	227	180	280	13.5
1/4"	NPT	75 65 89	VL-S-B2-N-1000-04	10	53	45	100	0.21
3/8"	NPT	75 65 90	VL-S-B2-N-1000-06	12	53	45	100	0.25
1/2"	NPT	75 65 91	VL-S-B2-N-1000-08	15	62	49	104	0.30
3/4"	NPT	75 65 92	VL-S-B2-N-1000-12	20	70	55	118	0.51
1"	NPT	75 65 93	VL-S-B2-N-1000-16	25	81	67	145	0.75
1 1/4"	NPT	75 65 94	VL-S-B2-N-1000-20	32	95	70	145	1.48
1 1/2"	NPT	75 65 95	VL-S-B2-N-1000-24	38	105	80	177	1.72
2"	NPT	75 65 96	VL-S-B2-N-1000-32	50	117	92	177	3.08
2 1/2"	NPT	75 65 97	VL-S-B2-N-1000-40	65	163	113	224	4.85
3"	NPT	75 65 98	VL-S-B2-N-1000-48	80	190	127	242	7.53
4"	NPT	-	VL-S-B2-N-1000-64	96	227	180	280	13.5

**Part Number Reference (1000 WOG)**

Impa Code	Part No	Description
75 66 65	VL-S-B2-G-1000-04	1/4"BSPP SS316 2 PC BALL VALVE (1000 WOG)
75 66 66	VL-S-B2-G-1000-06	3/8"BSPP SS316 2 PC BALL VALVE (1000 WOG)
75 66 67	VL-S-B2-G-1000-08	1/2"BSPP SS316 2 PC BALL VALVE (1000 WOG)
75 66 68	VL-S-B2-G-1000-12	3/4"BSPP SS316 2 PC BALL VALVE (1000 WOG)
75 66 69	VL-S-B2-G-1000-16	1"BSPP SS316 2 PC BALL VALVE (1000 WOG)
75 66 70	VL-S-B2-G-1000-20	1 1/4"BSPP SS316 2 PC BALL VALVE (1000 WOG)
75 66 71	VL-S-B2-G-1000-24	1 1/2"BSPP SS316 2 PC BALL VALVE (1000 WOG)
75 66 72	VL-S-B2-G-1000-32	2"BSPP SS316 2 PC BALL VALVE (1000 WOG)
75 66 73	VL-S-B2-G-1000-40	2 1/2"BSPP SS316 2 PC BALL VALVE (1000 WOG)
75 66 74	VL-S-B2-G-1000-48	3"BSPP SS316 2 PC BALL VALVE (1000 WOG)
-	VL-S-B2-G-1000-64	4"BSPP SS316 2 PC BALL VALVE (1000 WOG)
75 65 89	VL-S-B2-N-1000-04	1/4"NPT SS316 2 PC BALL VALVE (1000 WOG)
75 65 90	VL-S-B2-N-1000-06	3/8"NPT SS316 2 PC BALL VALVE (1000 WOG)
75 65 91	VL-S-B2-N-1000-08	1/2"NPT SS316 2 PC BALL VALVE (1000 WOG)
75 65 92	VL-S-B2-N-1000-12	3/4"NPT SS316 2 PC BALL VALVE (1000 WOG)
75 65 93	VL-S-B2-N-1000-16	1"NPT SS316 2 PC BALL VALVE (1000 WOG)
75 65 94	VL-S-B2-N-1000-20	1 1/4"NPT SS316 2 PC BALL VALVE (1000 WOG)
75 65 95	VL-S-B2-N-1000-24	1 1/2"NPT SS316 2 PC BALL VALVE (1000 WOG)
75 65 96	VL-S-B2-N-1000-32	2"NPT SS316 2 PC BALL VALVE (1000 WOG)
75 65 97	VL-S-B2-N-1000-40	2 1/2"NPT SS316 2 PC BALL VALVE (1000 WOG)
-	VL-S-B1-N-1000-48	3"NPT SS316 1 PC BALL VALVE (1000 WOG)
-	VL-S-B1-N-1000-64	4"NPT SS316 1 PC BALL VALVE (1000 WOG)



**Dimension List (2000 WOG)**

NPS	Connection	Impa Code	Part No	d	L	H	W	Weight (kg)
1/4"	BSPP	75 66 65	VL-S-B2-G-2000-04	10	55	42	95	0.21
3/8"	BSPP	75 66 66	VL-S-B2-G-2000-06	10	55	42	95	0.25
1/2"	BSPP	75 66 67	VL-S-B2-G-2000-08	15	62	51	108	0.30
3/4"	BSPP	75 66 68	VL-S-B2-G-2000-12	20	72	58	115	0.51
1"	BSPP	75 66 69	VL-S-B2-G-2000-16	25	84	77	135	0.75
1 1/4"	BSPP	75 66 70	VL-S-B2-G-2000-20	32	97	83	150	1.48
1 1/2"	BSPP	75 66 71	VL-S-B2-G-2000-24	38	104	97	175	1.72
2"	BSPP	75 66 72	VL-S-B2-G-2000-32	49	120	106	190	3.08
2 1/2"	BSPP	75 66 73	VL-S-B2-G-2000-40	63	150	122	220	4.85
3"	BSPP	75 66 74	VL-S-B2-G-2000-48	80	164	140	250	7.53
1/4"	NPT	75 65 89	VL-S-B2-N-2000-04	10	55	42	95	0.21
3/8"	NPT	75 65 90	VL-S-B2-N-2000-06	10	55	42	95	0.25
1/2"	NPT	75 65 91	VL-S-B2-N-2000-08	15	62	51	108	0.30
3/4"	NPT	75 65 92	VL-S-B2-N-2000-12	20	72	58	115	0.51
1"	NPT	75 65 93	VL-S-B2-N-2000-16	25	84	77	135	0.75
1 1/4"	NPT	75 65 94	VL-S-B2-N-2000-20	32	97	83	150	1.48
1 1/2"	NPT	75 65 95	VL-S-B2-N-2000-24	38	104	97	175	1.72
2"	NPT	75 65 96	VL-S-B2-N-2000-32	49	120	106	190	3.08
2 1/2"	NPT	75 65 97	VL-S-B2-N-2000-40	63	150	122	220	4.85
3"	NPT	75 65 98	VL-S-B2-N-2000-48	80	164	140	250	7.53
1/4"	BSPP	75 66 65	VL-S-B2-G-2000-04	10	55	42	95	0.21
3/8"	BSPP	75 66 66	VL-S-B2-G-2000-06	10	55	42	95	0.25

**Part Number Reference (2000 WOG)**

Impa Code	Part No	Description
75 66 65	VL-S-B2-G-2000-04	1/4"BSPP SS316 2 PC BALL VALVE (2000 WOG)
75 66 66	VL-S-B2-G-2000-06	3/8"BSPP SS316 2 PC BALL VALVE (2000 WOG)
75 66 67	VL-S-B2-G-2000-08	1/2"BSPP SS316 2 PC BALL VALVE (2000 WOG)
75 66 68	VL-S-B2-G-2000-12	3/4"BSPP SS316 2 PC BALL VALVE (2000 WOG)
75 66 69	VL-S-B2-G-2000-16	1"BSPP SS316 2 PC BALL VALVE (2000 WOG)
75 66 70	VL-S-B2-G-2000-20	1 1/4"BSPP SS316 2 PC BALL VALVE (2000 WOG)
75 66 71	VL-S-B2-G-2000-24	1 1/2"BSPP SS316 2 PC BALL VALVE (2000 WOG)
75 66 72	VL-S-B2-G-2000-32	2"BSPP SS316 2 PC BALL VALVE (2000 WOG)
75 66 73	VL-S-B2-G-2000-40	2 1/2"BSPP SS316 2 PC BALL VALVE (2000 WOG)
75 66 74	VL-S-B2-G-2000-48	3"BSPP SS316 2 PC BALL VALVE (2000 WOG)
75 65 89	VL-S-B2-N-2000-04	1/4"NPT SS316 2 PC BALL VALVE (2000 WOG)
75 65 90	VL-S-B2-N-2000-06	3/8"NPT SS316 2 PC BALL VALVE (2000 WOG)
75 65 91	VL-S-B2-N-2000-08	1/2"NPT SS316 2 PC BALL VALVE (2000 WOG)
75 65 92	VL-S-B2-N-2000-12	3/4"NPT SS316 2 PC BALL VALVE (2000 WOG)
75 65 93	VL-S-B2-N-2000-16	1"NPT SS316 2 PC BALL VALVE (2000 WOG)
75 65 94	VL-S-B2-N-2000-20	1 1/4"NPT SS316 2 PC BALL VALVE (2000 WOG)
75 65 95	VL-S-B2-N-2000-24	1 1/2"NPT SS316 2 PC BALL VALVE (2000 WOG)
75 65 96	VL-S-B2-N-2000-32	2"NPT SS316 2 PC BALL VALVE (2000 WOG)
75 65 97	VL-S-B2-N-2000-40	2 1/2"NPT SS316 2 PC BALL VALVE (2000 WOG)
75 65 98	VL-S-B2-N-2000-48	3"NPT SS316 2 PC BALL VALVE (2000 WOG)
75 66 65	VL-S-B2-G-2000-04	1/4"BSPP SS316 2 PC BALL VALVE (2000 WOG)
75 66 66	VL-S-B2-G-2000-06	3/8"BSPP SS316 2 PC BALL VALVE (2000 WOG)



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