



VALVE AND FLOW CONTROL SPECIALISTS
SERVICE AND RELIABILITY

3 WAY L / T PORT THREADED STAINLESS STEEL BALL VALVE

Figure No VBL-S1003L (L port)
VBL-S1003T (T port)

Size Range : 15nb – 50nb

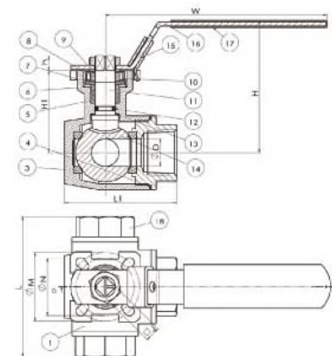
Threaded Ends : BSPT with NPT option
Materials : ASTM A351-CF8M (DIN 1.4408) Stainless Steel

- * High quality investment casting.
- * Pressure temperature 1000 psi CWP Max temp 180 Deg C
- * Solid ball reduced bore type
- * Blow-out proof stem S/S 316.
- * 4 seats for total ball support
- * ISO 5211 top mounting pad for ease of actuation
- * Tested to API 598

OPTIONS :

Electric or pneumatic actuators. Metal seated for high temp services

3 way valves generally feed media in through the central port and divert it left or right as desired. Hence one port is always open. They are not an isolation valve. The most common version is with all ports on the horizontal plain as per data sheet. Less common is with the central port from under the valve this is a VBL-S1003TU T port or VBL-S1003LU for L port



MATERIAL LIST		
ITEM	DESIGNATION	MATERIAL
1	BODY	CF8/CF8M
2	CAP(A)	CF8/CF8M
3	BALL SEAT	RPTFE
4	BODY PACKING	PTFE
5	STEM PACKING	PTFE
6	GLAND NUT	SUS304
7	SPRING WASHER	SUS301
8	NUT	SUS304
9	WASHER	SUS304
10	THRUST WASHER	SUS304
11	STEM	SUS304
12	O-RING	NBR
13	STEM SEAL	PTFE
14	BALL	CF8/CF8M
15	LOCKING	SUS304
16	HANDLE	SUS304
17	PLASTIC COVER	PLASTIC
18	CAP(B)	CF8/CF8M

DIMENSION TABLE									
ITEM	SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
D		9	11	12.5	16	20	25	32	38
W		139	139	139	139	160	160	185	185
H		73	73	73	80	95	98	110	119
H1		42	42	42	49	59.5	63	73.5	82.8
h		9	9	9	9	11	11	14	14
M		36	36	36	36	42	42	50	50
N		42	42	42	42	50	50	70	70
J		9	9	9	9	11	11	14	14
L		79	79	79	83	104	111	126	147
L1		64	64	64	68	82	90	106	123

FLOW PATTERN:

PORT TYPE	1	2	3	4
L	1 2 3	1 2 3	1 2 3	1 2 3
T	1 2 3	1 2 3	1 2 3	1 2 3

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