

BALL VALVES · THREE WAY

BVS3WL Three Way L Port Stainless Steel Ball Valve

Reduced bore three way L port ball valve in CF8M with 316 ball and stem, reinforced PTFE seats, lockable lever handle and an ISO 5211 direct mounting pad. DN8 to DN100.

CF8M · 316	DN8 – DN100	PN63 / 1000 PSI	ISO 5211 PAD
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FEATURES

- High-performance 3-way L port ball valve
- Reduced bore design
- Lockable lever handle
- BSP threaded connections to ISO 7.1 sealing standards
- Self-adjusting stem packing assembly
- Belleville spring compensates for temperature fluctuation and vibration
- ISO 5211 direct mounting pad with pre-drilled metric holes
- CF8M / 316 stainless steel construction
- Reinforced PTFE seats
- Pressure rating 63 bar (1000 PSI)
- Working temperature –20 °C to 180 °C
- WaterMark certified
- Suitable for water treatment, chemical, marine, petrochemical and general industrial service

MATERIALS

No	Part	Material
1	Cap	CF8M
2	Gasket	PTFE
3	Ball seat	15% RPTFE
4	Ball	316 stainless
5	Body	CF8M
6	Stem	316 stainless
7	Thrust washer	PTFE
8	O-ring	Viton
9	Stem packing	PTFE
10	Stem ring	316 stainless
11	Belleville washer	304 stainless
12	Nut	304 stainless
13	Plate washer	304 stainless
14	Nut stopper	304 stainless
15	Locking device	304 stainless
16	Handle	304 stainless
17	Handle cover	Plastic
18	Stop pin	304 stainless

CONSTRUCTION DETAIL

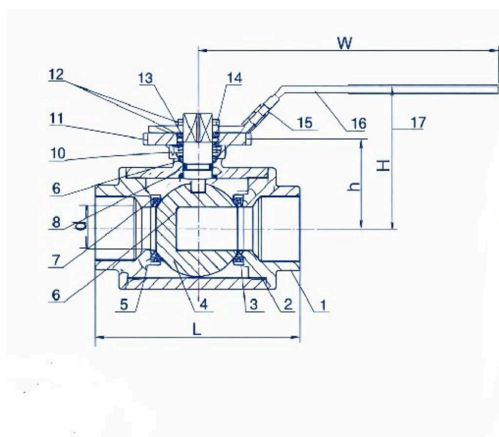


Fig. 1 — Sectional arrangement, item numbers as tabled above.

DIMENSION DETAIL

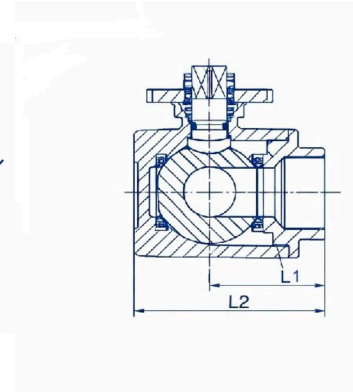
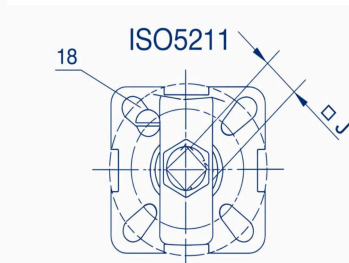
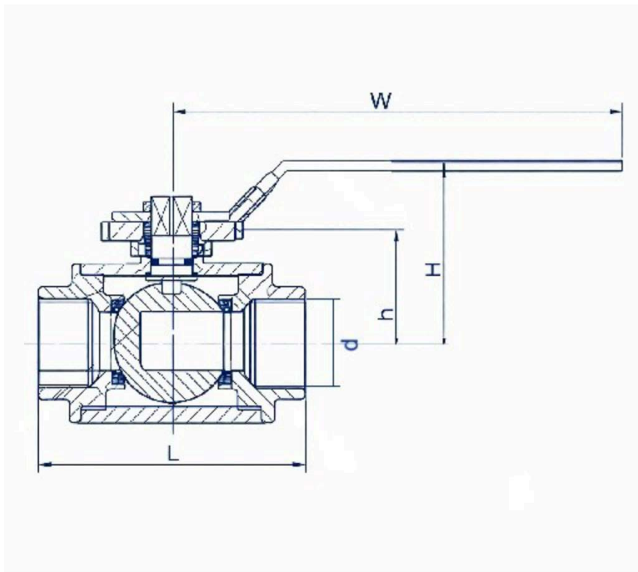


Fig. 2 — L face-to-face, H stem height, h pad height, W handle length, d bore.

Fig. 3 — ISO 5211 mounting pad, ØJ bolt circle.

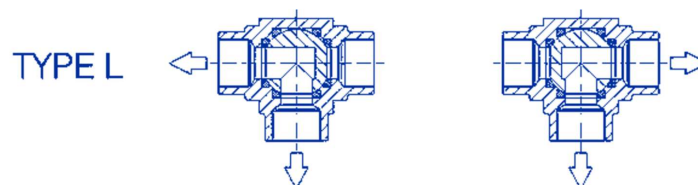
Fig. 4 — Branch port section, L1 and L2 centres.

DN (mm)	Size	d	L	H	W	Mounting flange	h	L1	L2	J	Weight (kg)
8	1/4"	9.5	75	66	130	F03 / F04	36.8	37.5	57.5	9	0.70
10	3/8"	11	75	66	130	F03 / F04	36.8	37.5	57.5	9	0.67
15	1/2"	12	75	66	130	F03 / F04	36.8	37.5	57.5	9	0.63
20	3/4"	15	85	72	161	F04 / F05	41.2	42.5	65.5	11	0.94
25	1"	20	100	77	161	F04 / F05	46.5	50	79	11	1.39
32	1 1/4"	25	122	92	203	F05 / F07	56	61	97	14	2.91
40	1 1/2"	32	131	96	203	F05 / F07	60	65.5	106.5	14	3.66
50	2"	40	158	107	203	F05 / F07	70.5	79	129	14	6.31
65	2 1/2"	49	178	135	254	F07 / F10	95.5	89	145	17	8.95
80	3"	60	202	147	254	F07 / F10	106	101	167	17	13.11
100	4"	75	246	160	310	F07 / F10	119	123	203	17	22.10

All dimensions in millimetres unless stated.

FLOW DIRECTION

Flow Direction Indication



Type L ball — handle positions and the resulting flow paths.

Designs, materials and specifications shown are subject to change without notice due to our continuing program of product development. Confirm critical dimensions with Global Water Group prior to fabrication.