



FITTINGS, TUBING & VALVES

Supplying Sanitary Distributors who Service
the Beverage, Dairy, Food, Brewery, Bakery,
Cosmetic, and Nutraceutical Industries

Sanitary 2-WAY BALL VALVE



www.WaylandIndustries.com

1-888-798-2653



ENCAPSULATED 2-WAY BALL VALVES

FEATURES:

- Material: CF8M (316L) stainless steel
- ID polish is 32Ra minimum
- Blow-out proof stem
- Full port design offers lower pressure drop and less turbulent flow
- Precision stainless steel ball reduces torque and friction loss while extending seat life
- ISO 5211 mounting pad for direct mount automation
- Pressure Rating (Body): 1/2" ~ 2" 1000PSI WOG
2-1/2" ~ 4" 800PSI WOG
6" 700PSI WOG
- Live-loaded stem packing
- Lockable handle can prevent accidental opening and closing
- Fully encapsulated construction

- 100% tested
- Stocked with clamp ends
- Butt Weld and other end connections available upon request



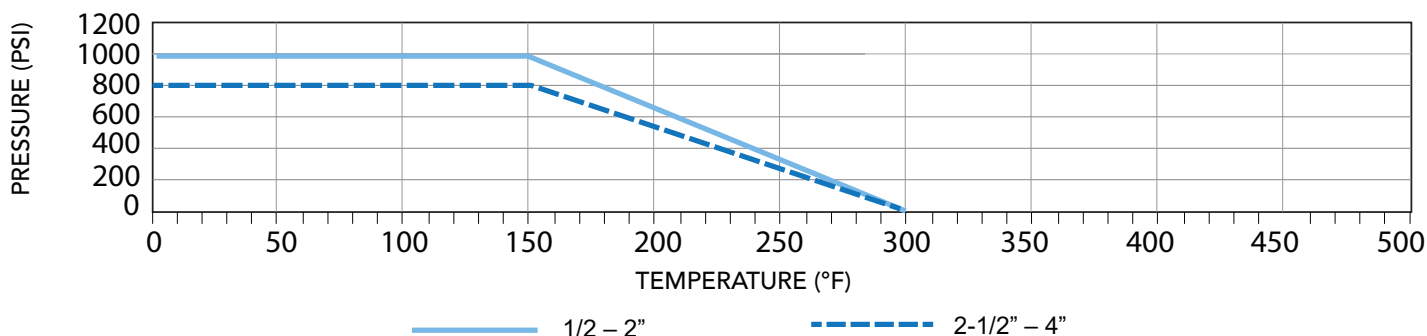
SPECIFICATIONS

ENCAPSULATED 2-WAY BALL VALVES BVETC

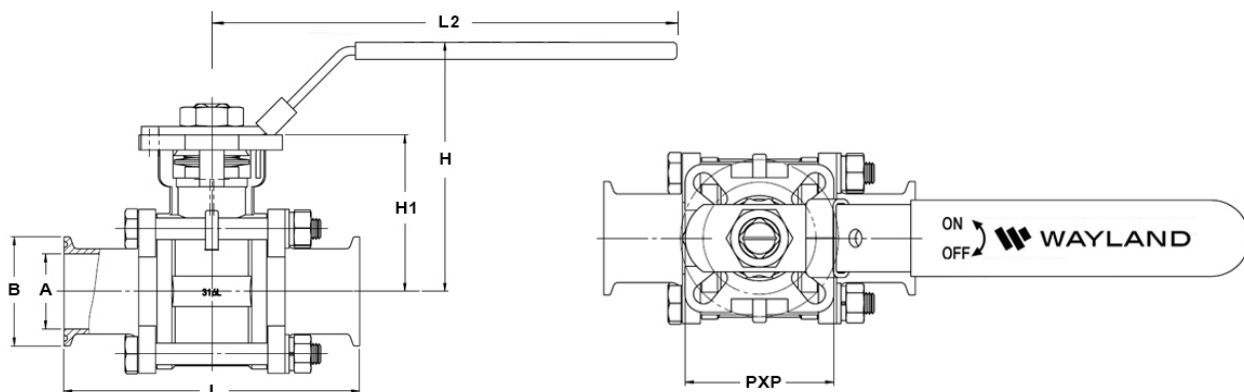
SEAT MATERIAL	SIZE	WEIGHT (lbs.)	BREAK TORQUE* (in. lbs.)	BALL VALVE PART NUMBER
VIRGIN PTFE	1/2"	1.06	53	W6BVETC-P-.50
	3/4"	1.46	53	W6BVETC-P-.75
	1"	2.51	89	W6BVETC-P-1
	1-1/2"	4.43	124	W6BVETC-P-15
	2"	6.83	177	W6BVETC-P-2
	2-1/2"	11.68	354	W6BVETC-P-25
	3"	18.43	664	W6BVETC-P-3
	4"	29.32	974	W6BVETC-P-4
	6"	148.00	1947	W6BVETC-P-6

* Torque required to fully open and close valve

PRESSURE - TEMPERATURE CHART (VIRGIN PTFE)



ENCAPSULATED 2-WAY BALL VALVES



DIMENSIONS (inches)

SIZE	A	B	L	L2	H1	H	PXP	ISO 5211	STEM SIZE
1/2"	0.370	0.992	3.543	5.118	1.417	2.677	1.654 X 1.654	F03 & F04	0.35 X 0.35
3/4"	0.622	0.992	4.016	5.118	1.673	2.677	1.654 X 1.654	F03 & F04	0.35 X 0.35
1"	0.870	1.988	4.528	6.693	2.067	3.543	1.969 X 1.969	F04 & F05	0.43 X 0.43
1-1/2"	1.370	1.988	5.433	8.465	2.854	4.843	2.559 X 2.559	F05 & F07	0.55 X 0.55
2"	1.870	2.520	6.142	8.465	3.130	5.433	2.559 X 2.559	F05 & F07	0.55 X 0.55
2-1/2"	2.370	3.051	6.693	12.795	3.740	6.102	2.559 X 2.559	F05 & F07	0.55 X 0.55
3"	2.870	3.583	7.756	12.795	4.350	6.496	3.563 X 3.563	F07 & F10	0.67 X 0.67
4"	3.835	4.685	9.528	12.953	4.823	6.890	3.563 X 3.563	F07 & F10	0.67 X 0.67
6"	5.783	6.571	15.512	26.772	8.661	9.646	4.685 X 4.685	F10 & F12	1.063 X 1.063

HOW TO ORDER

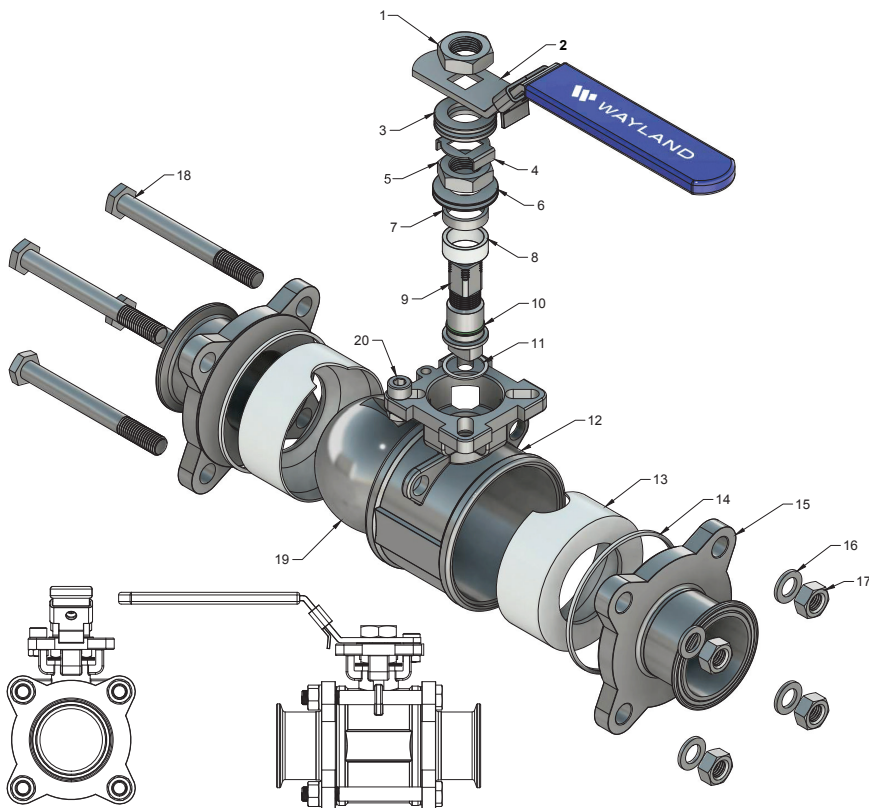
W + Alloy + Product Code + Encapsulated + Ends - Seat - Size (in.)
 6 = 316L BV = 3pc 2-way Ball Valve E=Encapsulated N=Non-Encapsulated TC=Tri-Clamp BW=Butt-weld P=PTFE .50 .75 1 ...

Example:

W + 6 + BV + E + TC - P - 4
 (W6BVETC-P-4)



ENCAPSULATED 2-WAY BALL VALVES



ITEM	DESCRIPTION	MATERIAL	QNTY
1	Handle Nut	304	2
2	Handle	304	1
3	Belleville Washer	304	2
4	Lock Tab Washer	304	1
5	Packing Nut	304	2
6	Washer	304	2
7	Packing Bushing	304	1
8	Triple Packing	PTFE	1
9	Stem	316L	1
10	O-Ring	FKM	1
11	Stem Seal	PTFE	1
12	Valve Body	316L	1
13	Seat	PTFE	2
14	Body Seal	PTFE	2
15	End Piece	316L	2
16	Washer	304	4
17	Hex Nut	304	4
18	Body Bolt	304	4
19	Ball	316L	1
20	Stop Pin	304	1

ENCAPSULATED BALL VALVE REPAIR KITS

SIZE	PART NUMBER
1/2"	WBVE-RK-P-.50
3/4"	WBVE-RK-P-.75
1"	WBVE-RK-P-1
1.5"	WBVE-RK-P-15
2"	WBVE-RK-P-2
2.5"	WBVE-RK-P-25
3"	WBVE-RK-P-3
4"	WBVE-RK-P-4

Repair Kit Contains:

- (3) Stem Packing
- (1) O-ring
- (1) Stem Seal
- (2) Seat (encapsulated)
- (2) Body Seal