

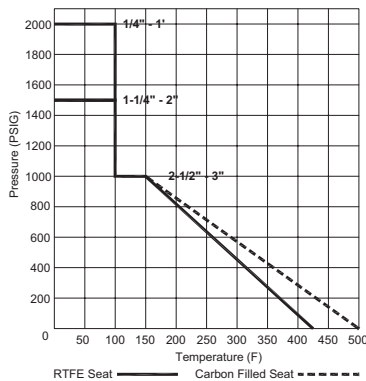
# Figure 220 STAINLESS STEEL BALL VALVES



## 2 PC FULL PORT 2000 WOG

### Features:

- 2000 WOG\*
- 150 WSP (with Carbon Filled Seats)
- Full Port
- Blow-out Proof Stem
- Adjustable Packing
- Investment Cast Body & End Caps
- Threaded NPT Ends
- Stainless Steel Handle with Vinyl Grip
- Locking Device
- Actuator Mounting Pad
- Optional Carbon Filled Seats
- Conforms to MSS SP-110
- Tested to API 598



\*1/4" to 1" - 2000 WOG  
1-1/4" to 2" - 1500 WOG  
2-1/2" to 3" - 1000 WOG

### Figure Number Matrix

FNW 2 2 0 SEAT X			
SEAT TYPE		SIZE CODES	
BLANK = STANDARD RTFE		1/4 = B	1-1/4 = H
C = CARBON FILLED TFE		3/8 = C	1-1/2 = J
		1/2 = D	2 = K
		3/4 = F	2-1/2 = L
		1 = G	3 = M

For other valve materials or configurations, contact FNW Valve at (503) 287-8383 for sales assistance.

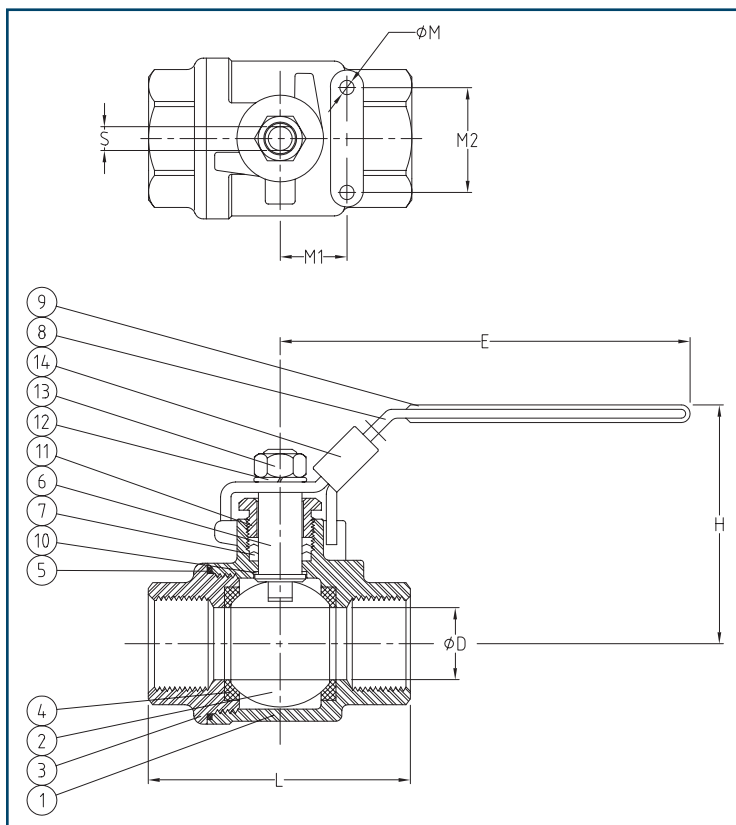
### Cv & Weights

Size	Cv	Wt. (Lbs)
1/4	6	0.7
3/8	12	0.7
1/2	19	1.0
3/4	37	1.2
1	64	2.5
1-1/4	103	3.1
1-1/2	143	4.9
2	360	8.2
2-1/2	440	16.5
3	520	24.5

### Torque

Size	Torque (in-lbs)
1/4	60
3/8	60
1/2	80
3/4	150
1	200
1-1/4	250
1-1/2	320
2	500
2-1/2	680
3	800

### 2 PC FULL PORT 2000 WOG



#### Standard Materials

Ref. No.	Description	Material		Qty
		220	220C	
1	Body	ASTM A351 Gr. CF8M		1
2	Ball	316SS		1
3	End Cap	ASTM A351 Gr. CF8M		1
4	Seat	RTFE	Carbon Filled TFE	2
5	Body Seal	PTFE	Carbon Filled TFE	1
6	Stem	316SS		1
7	Stem Packing	PTFE	Carbon Filled TFE	1 Set
8	Handle	304SS		1
9	Handle Cover	Vinyl		1
10	Thrust Washer	PTFE	Carbon Filled TFE	1
11	Gland Nut	304SS		1
12	Handle Washer	304SS		1
13	Handle Nut	304SS		1
14	Locking Pad	304SS		1

#### Dimensions (Inches)

Size	ØD	E	L	H	S	M1	M2	M
1/4	0.39	3.74	2.17	2.52	0.196	0.50	1.12	10-24UNC
3/8	0.47	3.74	2.17	2.52	0.196	0.50	1.12	10-24UNC
1/2	0.62	4.92	2.55	2.52	0.255	0.50	1.12	10-24UNC
3/4	0.78	4.92	3.03	2.64	0.255	0.88	1.38	10-24UNC
1	0.98	5.51	3.46	3.27	0.314	0.88	1.38	10-24UNC
1-1/4	1.25	5.51	4.01	3.50	0.314	1.00	1.50	1/4 -20UNC
1-1/2	1.57	7.87	4.33	3.93	0.393	1.00	1.50	1/4 -20UNC
2	1.96	7.87	4.92	4.25	0.393	1.00	1.50	1/4 -20UNC
2-1/2	2.55	9.84	6.45	5.91	0.472	1.18	2.76	1/4 -20UNC
3	3.14	9.84	7.12	6.34	0.472	1.18	2.76	1/4 -20UNC

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