

Figure 500 STAINLESS STEEL BALL VALVES



1 PC STANDARD PORT 150# FLANGED

Features:

- Standard Port
- RTFE Seats Standard
- Stainless Steel Trim Standard
- Blow-out Proof Stem Design
- AntiStatic Design
- Adjustable Packing
- Removable Stop Plate & Locking Device

Standards:

- Design: ASME B16.34
- Pressure Test: API 598
- Flange Dimensions: ANSI B16.5
- Face to Face Dimensions: ANSI B16.10
- Materials & Design: ASME B16.34
- Mounting Pad: ISO 5211

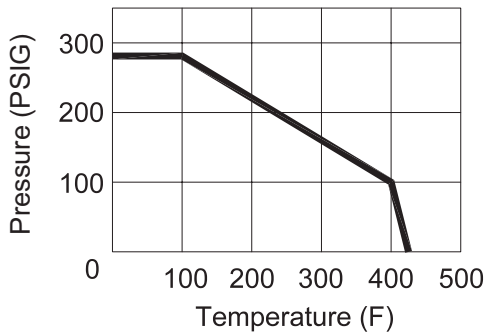


Figure Number Matrix

FNW 5 0 0 X	
	SIZE CODES
For other valve materials or configurations, contact FNW Valve at (503) 287-8383 for sales assistance.	2 = K 4 = P 2-1/2 = L 6 = U 3 = M

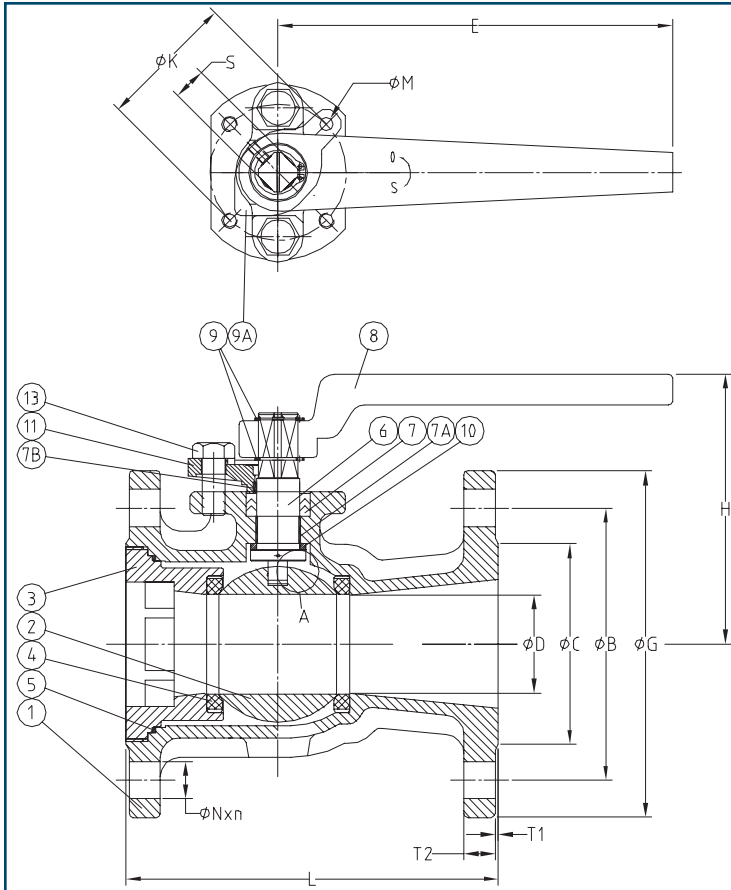
Cv & Weights

Size	Cv	Wt. (Lbs)
2	165	17
2-1/2	240	24
3	290	33
4	690	52
6	900	91

Torque

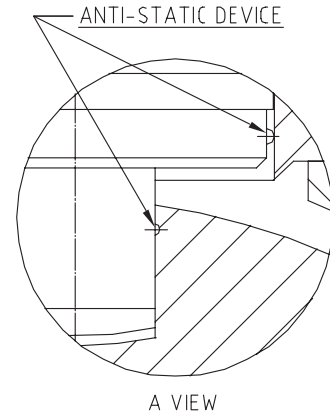
Size	Torque (in-lbs)
2	333
2-1/2	488
3	1,008
4	1,209
6	2,867

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Standard Materials

Ref. No.	Description	Material	Qty
1	Body	ASTM A351 Gr. CF8M	1
2	Ball	ASTM A351 Gr. CF8M (6" Hollow Ball)	1
3	Insert	ASTM A351 Gr. CF8M	1
4	Seat	RTFE (PTFE+15% G.F.)	2
5	Body Seal	PTFE	1
6	Stem	ASTM A276-316	1
7	Stem Packing	PTFE	1 Set
7A	Stem Bushing	PTFE	1
7B	Bearing	PTFE	1
8	Handle	ASTM A216 Gr. WCB	1
9	Snap Ring	AISI 304SS	2
9A	Stop Plate	AISI 304SS	1
10	Thrust Washer	PTFE	1
11	Gland	AISI 304SS	1
13	Gland Bolt	AISI 304SS	2



Dimensions (Inches)

Size	ØB	ØC	ØD	E	ØG	L	H	S	ØK	ØM	T1	T2	n	ØN
2	4.75	3.62	1.50	7.95	6.00	7.0	5.30	0.669	2.76	5/16-18	0.06	0.62	4	0.62
2-1/2	5.50	4.12	2.00	7.95	7.00	7.5	5.45	0.669	2.76	5/16-18	0.06	0.69	4	0.74
3	6.00	5.00	2.50	12.93	7.50	8.0	6.49	0.866	4.02	3/8-16	0.06	0.75	4	0.74
4	7.50	6.19	3.25	12.93	9.00	9.0	7.36	0.866	4.02	3/8-16	0.12	0.94	8	0.74
6	9.50	8.50	4.50	29.62	11.00	10.5	9.83	1.063	4.92	1/2-13	0.12	1.00	8	0.86

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