Figure 600
STAINLESS STEEL BALL VALVES

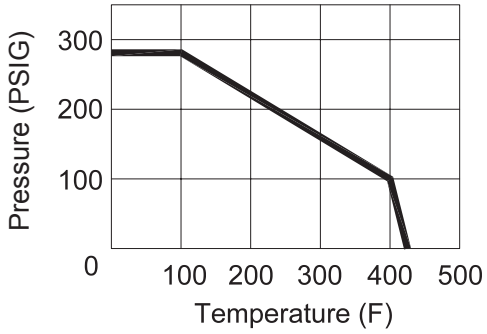
FNW™

2 PC FULL PORT 150# FLANGED

Features:

- ANSI B16.5 150# Flanges
- ANSI B16.1 Face to Face
- Full Port
- RTFE Seats Standard
- Stainless Steel Trim Standard
- Blow-out Proof Stem Design
- Anti-Static Design
- Adjustable Packing
- Removable Stop Plate and Locking Device
- ISO 5211 Actuator Mounting Pad
- API 6D Approved
- Optional Fire Safe to API 607 4th Addition





Standard Materials

Ref. No.	Description	Material 600	Material 600A	Qty
1	Body	ASTM A351 Gr. CF8M		1
2	Ball	316SS		1
3	End Cap	ASTM A351 Gr. CF8M		1
4	Seat	RTFE (PTFE+15% G.F.)		2
5	Body Seal	PTFE	Grafoil+316SS	1
6	Stem	316SS		1
7	Stem Packing	PTFE	Grafoil	1 Set
7A	Stem Bushing	PTFE	1	
7B	Bearing	PTFE	1	
8	Handle	FCD45	1	
9	Snap Ring	304SS	2	
9A	Stop Plate	304SS	1	
10	Thrust Washer	PTFE	PTFE+Grafoil	1
11	Gland	304SS	1	
13	Gland Bolt	304SS	2	
17	Body Stud	ASTM A193 Gr. B8		4-12
18	Body Nut	ASTM A194 Gr. 8		4-12

Figure Number Matrix

FNW 6 0 0 SEAT X

SEAT STYLE	SIZE CODES	
BLANK = STANDARD SEAT	1/2 = D	2-1/2 = L
A = API FIRE SAFE SEAT	3/4 = F	3 = M
	1 = G	4 = P
For other valve materials or configurations, contact FNW Valve at (503) 287-8383 for sales assistance.	1-1/4 = H	6 = U
	1-1/2 = J	8 = X
	2 = K	10 = 10

Cv & Weights

Size	Cv	Wt. (Lbs)
1/2	26	4
3/4	61	5
1	114	7
1-1/2	268	14
2	501	20
2-1/2	804	31
3	1158	44
4	2118	71
6	5074	168
8	9250*	325
10	15170*	737

Torque

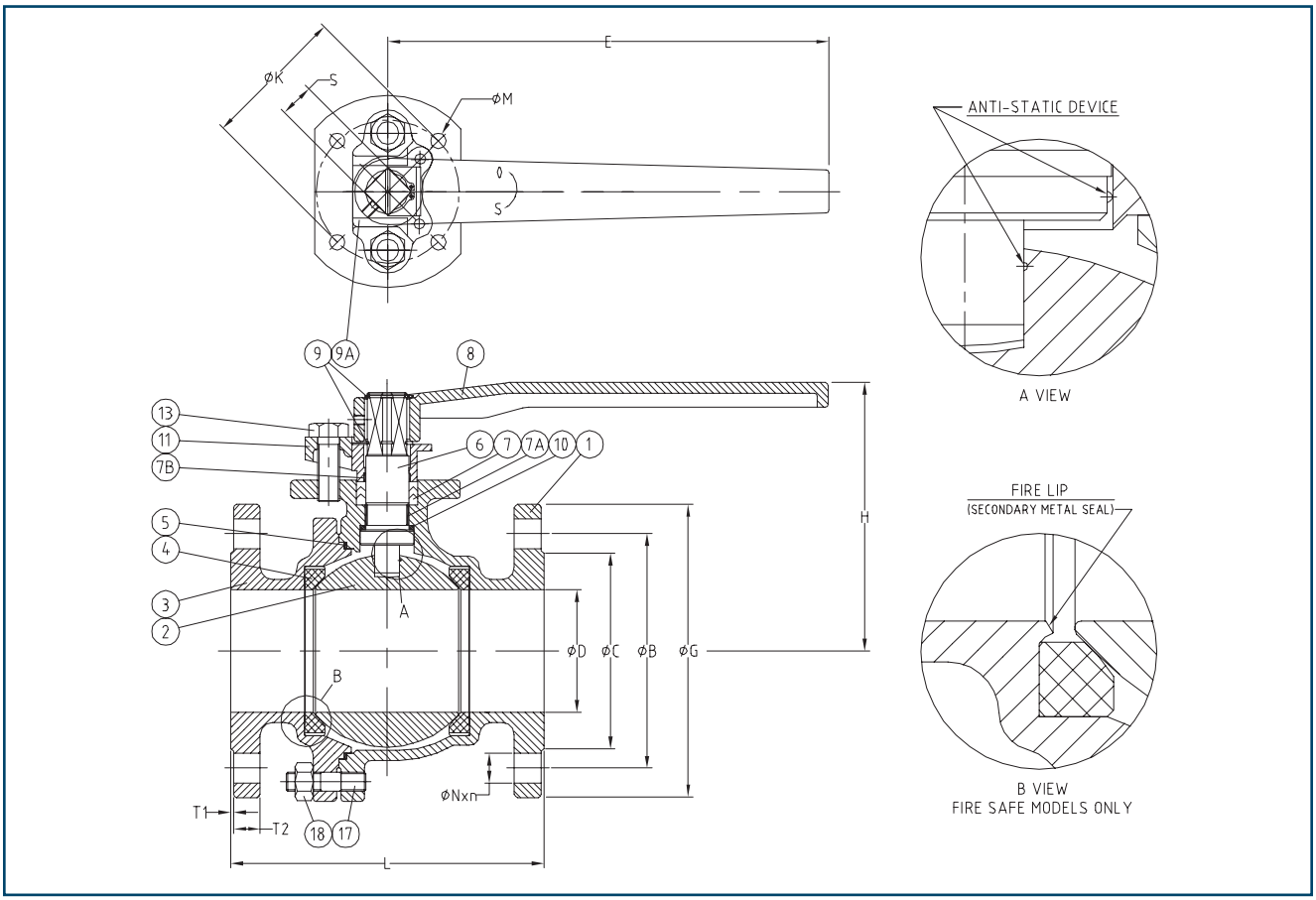
Size	Torque (in-lbs)
1/2	144
3/4	168
1	216
1-1/2	360
2	500
2-1/2	700
3	816
4	2,640
6	4,800
8	12,000
10	20,357

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Figure 600
STAINLESS STEEL BALL VALVES

2 PC FULL PORT 150# FLANGED



Dimensions (Inches)

Size	ØB	ØC	ØD	E	ØG	L	H	S	ØK	ØM	T1	T2	n	ØN
1/2	2.38	1.38	0.50	5.59	3.50	4.25	3.10	0.433	1.65	1/4-20	0.06	0.44	4	0.62
3/4	2.75	1.69	0.75	5.59	3.88	4.62	3.61	0.433	1.65	1/4-20	0.06	0.44	4	0.62
1	3.12	2.00	1.00	5.59	4.25	5.00	3.04	0.551	1.97	1/4-20	0.06	0.44	4	0.62
1-1/2	3.88	2.88	1.50	7.87	5.00	6.50	4.36	0.669	2.76	5/16-18	0.06	0.56	4	0.62
2	4.75	3.62	2.00	7.87	6.00	7.00	4.66	0.669	2.76	5/16-18	0.06	0.62	4	0.75
2-1/2	5.50	4.12	2.50	7.87	7.00	7.50	5.57	0.669	2.76	5/16-18	0.06	0.69	4	0.75
3	6.00	5.00	3.00	12.93	7.50	8.00	6.64	0.866	4.02	3/8-16	0.06	0.75	4	0.75
4	7.50	6.19	4.00	12.93	9.00	9.00	7.55	0.866	4.02	3/8-16	0.06	0.94	8	0.87
6	9.50	8.50	6.00	29.62	11.00	15.50	10.89	1.063	4.92	1/2-13	0.06	1.00	8	0.87
8	11.75	10.62	7.87	39.37	13.50	17.99	11.81	0.866	5.51	5/8-11	0.06	1.12	8	0.87
10	14.25	12.76	9.84	39.37	15.98	21.00	13.78	1.063	6.50	3/4-10	0.06	1.20	12	1.00

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