

Figure 721 THERMOPLASTIC VALVES

FNW™

WAFER STYLE BUTTERFLY VALVE

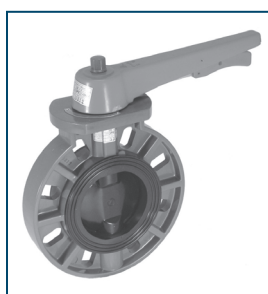
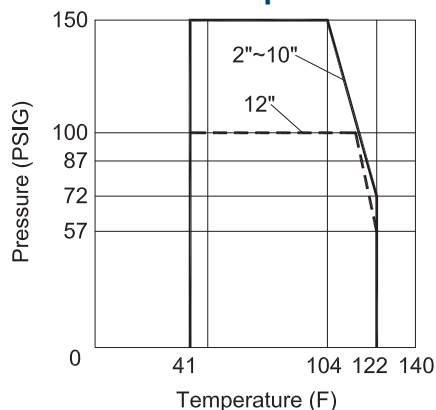
Features

- Compact Design
- Pressure Rating:
 - 150 PSI (2" to 10")
 - 100 PSI (12")
- Temperature Range: 41°F to 122°F (5°C to 50°C)
- EPDM or FPM (Viton®) Seat/Seals
- Wafer Style with Guide Holes Drill to 125/150# Flanges
- Bubble Tight Shut Off
- Ideally Suited for Limited Piping Spaces
- Can Be Modified for Actuator Installation
- Lever Operated (2" to 8")
- Gear Operated (8" to 12")

Options

FNW offers many options and modifications for valves. These include, but are not limited to: Actuation including chain wheels, worm gear operators, pneumatic and electric operators, control accessories, stem extensions, and custom mounting hardware. Contact FNW with your specific application needs.

Pressure/Temperature



Cv & Torque

Size	Cv	Torque (in-lbs)
2	100	107
2-1/2	265	185
3	390	248
4	500	460
5	660	735
6	1160	825
8	1995	1,042
10	3570	2,400
12	5048	3,400

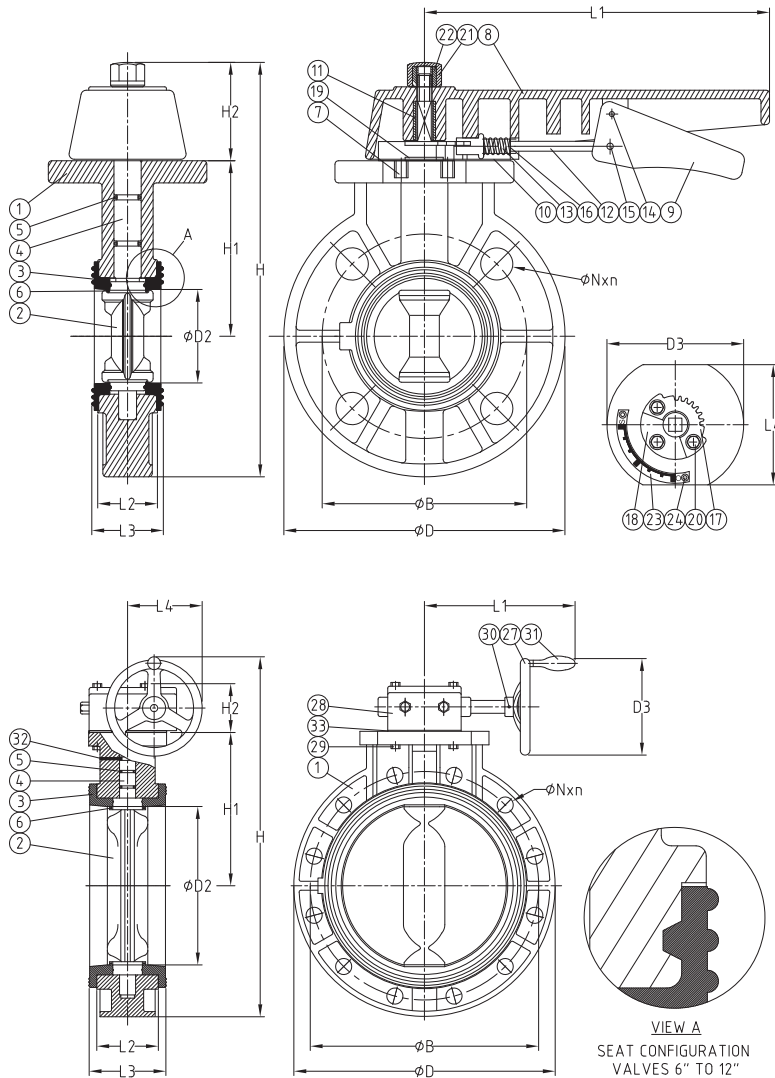
Weights

Size	Wt. (Lbs.)
2	2.75
2-1/2	3
3	4
4	5
5	8
6	12
8	14
Gear Operated	
8	34.5
10	46
12	70

Figure Number Matrix

FNW 7 2 1 E G X		
SEAT/SEALS	OPERATOR	SIZE CODES
E = EPDM	BLANK = LEVER (2"~8")	2 = K 6 = U
V = FPM (VITON®)	G = GEAR (8"~12")	2-1/2 = L 8 = X
		3 = M 10 = 10
		4 = P 12 = 12
		5 = S

WAFER STYLE BUTTERFLY VALVE



Standard Materials

Ref. No.	Description	Material		Qty
		EPDM Seat	Viton® Seat	
1	Body	UPVC		1
2	Disc	UPVC		1
3	Seat	EPDM	Viton®	1
4	Stem	410SS		1
5	Stem O-ring	EPDM	Viton®	2
6	Disc O-ring	EPDM	Viton®	2
7	Insert Nut	C3604		3
8	Handle	PP		1
9	Release Lever	PP		1
10	Spring Lock	PP		1
11	Handle Insert	Stainless Steel		1
12	Handle Lever	304SS		1
13	Spring	304SS		1
14	Upper Spring Pin	304SS		1
15	Lower Spring Pin	304SS		1
16	Washer	304SS		1
17	Locking Plate	304SS		1
18	Gear Seat	UPVC		1
19	Stem Washer (2" to 5")	304SS		1
20	Locking Plate Bolt	304SS		3
21	Handle Nut	UPVC		1
22	Handle Nut Insert	C3604		1
23	Position Scale	304SS		1
24	Rivet	Stainless Steel		2
27	Hand Wheel	FC 20		1
28	Gear Box	CI		1
29	Bolt and Washer	304SS		4
30	Spring Pin	Steel		1
31	Handwheel Handle	Steel		1
32	Pin	Stainless Steel		1
33	Packing	EPDM		1

Dimensions (inches)

Size	ØD2	L1	L2	L3	ØB	ØD	H	H1	H2	ØN	n	D3	L4
2	2.22	7.83	1.38	1.69	4.76	6.50	9.78	4.06	2.48	0.75	4	4.13	3.70
2-1/2	2.74	7.83	1.42	1.81	5.51	7.28	10.53	4.45	2.44	0.75	4	4.72	3.70
3	3.13	7.83	1.42	1.81	5.98	7.87	10.91	4.53	2.44	0.75	4	4.84	3.70
4	4.04	9.92	1.85	2.20	7.52	9.02	12.44	5.33	2.60	0.75	8	5.31	3.94
5	5.12	11.69	2.24	2.72	8.50	10.12	14.70	6.50	3.15	0.87	8	6.46	4.33
6	6.02	11.69	2.44	2.78	9.49	11.22	15.93	6.97	3.27	0.87	8	6.65	3.94
8	7.99	11.69	2.99	3.35	11.73	13.50	18.29	8.27	3.27	0.87	8	7.91	4.80
Gear Operated Figure 721													
8	7.99	11.20	2.99	3.35	11.73	13.50	20.67	8.27	3.05	0.87	8	7.95	6.34
10	10.04	11.20	3.76	4.29	14.25	16.18	23.27	9.53	3.05	0.98	12	7.95	6.34
12	12.19	12.99	4.59	5.24	17.01	19.29	27.80	11.89	2.99	0.98	12	9.84	7.28