

Full Port Double Union Ball Valve

Figure 340
UPVC with NPT and SW Ends*

Figure 350
CPVC with NPT and SW Ends*

Figure 340F
PVC with Class 150# Flanges

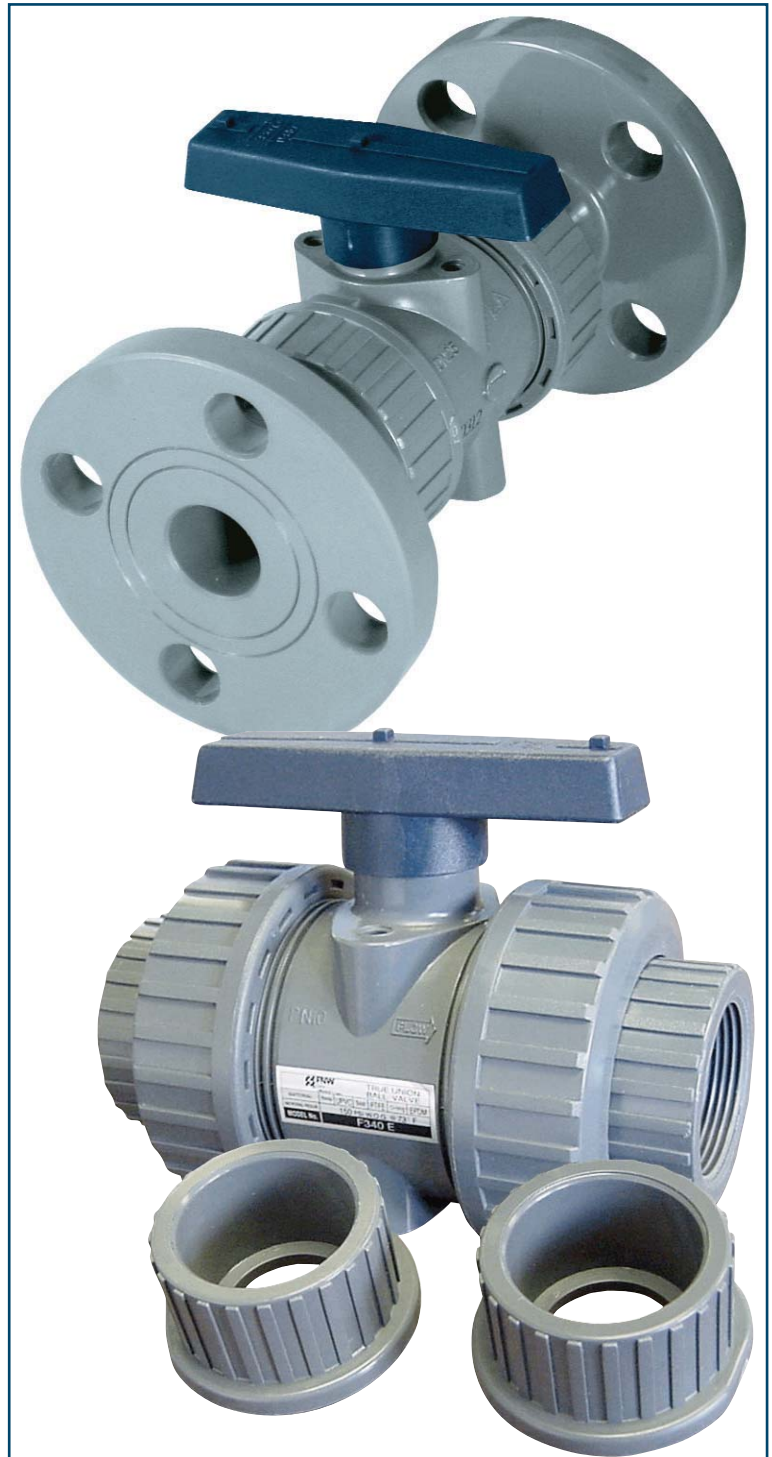
*SW only above 2", NPT upon request

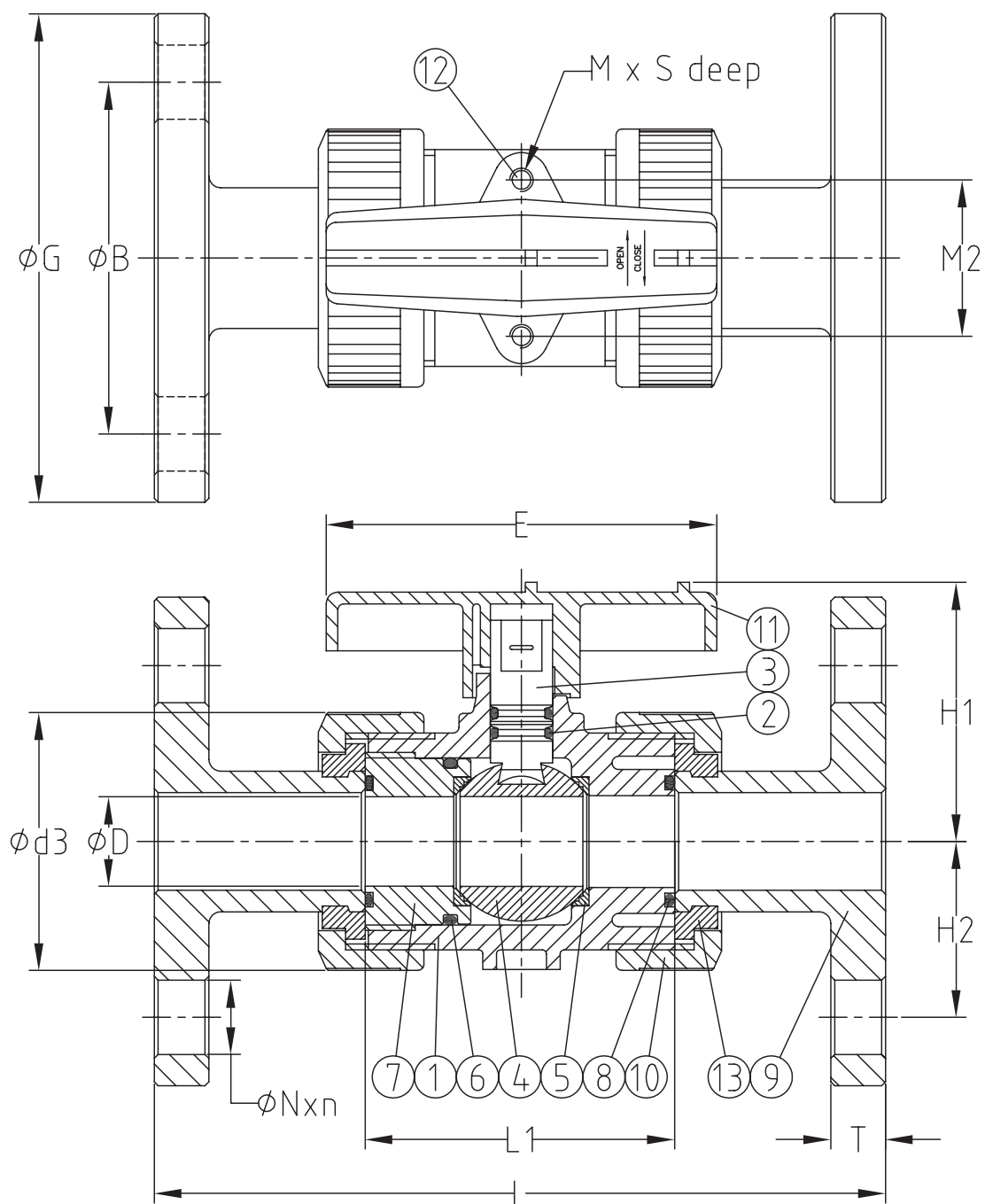
Valve Features

- Full Port Design
- Pressure Rating: 150 PSI
- Temperature Range:
 - UPVC: 41°F to 122°F (5°C to 50°C)
 - CPVC: 32°F to 194°F (0°C to 90°C)
- Bidirectional Flow
- Adjustable Seat Tightness
- Easy Disassembly with Handle
- Easy Replacement Reduces Down Time
- Can Be Modified for Actuator Installation

Options

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





Dimensions (inches) Figure 340F

Size	ϕD	E	L	L1	ϕB	ϕG	$\phi d3$	T	H1	H2	M2	M*	S*	ϕN	n
1/2	0.512	3.07	5.63	2.36	2.40	3.50	1.77	0.51	1.89	0.81	1.18	M5	0.276	0.63	4
3/4	0.709	3.62	6.77	2.87	2.76	3.86	2.17	0.55	2.24	1.02	1.30	M6	0.315	0.63	4
1	0.906	3.94	7.36	3.07	3.11	4.25	2.60	0.55	2.60	1.30	1.58	M6	0.433	0.63	4
1-1/4	1.181	4.33	7.48	3.43	3.50	4.61	3.23	0.63	2.99	1.50	1.85	M8	0.433	0.63	4
1-1/2	1.496	4.76	8.35	3.62	3.90	5.00	3.86	0.63	3.47	1.65	2.05	M8	0.433	0.63	4
2	1.890	5.79	9.21	4.41	4.76	5.98	4.72	0.63	4.25	2.09	2.76	M8	0.591	0.75	4
2-1/2	2.402	7.09	10.20	5.35	5.51	7.00	5.51	0.71	4.57	*	*	*	*	0.75	4
3	2.717	8.82	11.97	6.22	5.98	7.52	6.30	0.71	5.12	*	*	*	*	0.75	4
4	3.898	10.94	14.65	6.93	7.52	9.02	8.86	0.71	7.01	*	*	*	*	0.75	8

Cv & Weights

Figure 340, 340F, and 350		
Size	Cv	Wt. (Lbs)
1/2	12.5	0.48
3/4	28	0.73
1	50.9	0.99
1-1/4	81	1.39
1-1/2	150	2.27
2	230	3.41
2-1/2	360	7.13
3	485	11.97
4	768	11.97

Figure Number Matrix

FIGURE 340, 340F, AND 350

F N W 3 BODY 0 ENDS SEALS X

<u>BODY</u>	<u>ENDS</u>	<u>SEALS</u>	<u>SIZE CODES</u>	
4 = UPVC	BLANK = NPT AND SW	E = EPDM	1/2 = D	2 = K
5 = CPVC	(SW ONLY OVER 2",	V = VITON®	3/4 = F	2-1/2 = L
(NPT/SW ONLY)	NPT UPON REQUEST)		1 = G	3 = M
	F = FLANGED		1-1/4 = H	4 = P
	(340 ONLY)		1-1/2 = J	

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

Standard Materials

Figure 340, 340F, and 350						
Ref. No.	Description	Material				Qty
		340E / 340FE	340V / 340FV	350E	350V	
1	Body	UPVC		CPVC		1
2	Stem O-ring	EPDM	Viton®	EPDM	Viton®	2
3	Stem	UPVC		CPVC		1
4	Ball	UPVC		CPVC		1
5	Seat Seal	PTFE				2
6	Carrier O-ring	EPDM	Viton®	EPDM	Viton®	1
7	Seal Carrier	UPVC		CPVC		1
8	Union O-ring	EPDM	Viton®	EPDM	Viton®	2
9	End Connector/Flange	UPVC		CPVC		2
10	Union Nut	UPVC		CPVC		2
11	Handle	ABS				1
12	Insert Nut	Actuated Valves Only				1 Set
13	Set Ring (340F only)	UPVC		CPVC		2

Torque

Figure 340, 340F, and 350	
Size	Torque (in-lbs)
1/2	18
3/4	27
1	36
1-1/4	54
1-1/2	71
2	106
2-1/2	178
3	230
4	371