

SPECIFICATIONS

FIGURE 1241 & 1242
BRONZE CHECK VALVES



150# Y-PATTERN SWING CHECK VALVE

FEATURES

- 300 WOG
- 150 psi saturated steam
- Resilient disc
- NPT Ends
 - Fig. 1241 - sizes 1/2" – 3"
- Solder ends
 - Fig. 1242 - sizes 1/2" – 3"
- Conforms to MSS SP-80
- Body markings comply with MSS SP-25
- NPT ends comply with ANSI/ASME B1.20.1
- Solder ends comply with ANSI B16.18

Note: Before installing solder end valves, be sure the solder or brazing alloy melting point is sufficient to withstand the line pressure and temperature and is compatible with the media through the valve.



FIGURE 1242



FIGURE 1241

FIGURE NUMBER MATRIX

FNW 124 END TYPE SIZE		
END TYPE		SIZE
1 = NPT Ends	1/2 = D	1-1/2 = J
2 = Solder Ends	3/4 = F	2 = K
	1 = G	2-1/2 = L
	1-1/4 = H	3 = M

FIGURE 1241

Catalog Number	Size		Flow		Weight	
	in.	mm	Cv	Kv	lbs	kg
FNW1241D	1/2	13	4.8	4.15	0.60	0.27
FNW1241F	3/4	19	14.3	12.37	0.91	0.41
FNW1241G	1	25	24	20.76	1.35	0.61
FNW1241H	1-1/4	32	43	37.19	2.18	0.99
FNW1241J	1-1/2	38	60	51.90	3.06	1.39
FNW1241K	2	51	102	88.23	4.57	2.07
FNW1241L	2-1/2	64	150	129.75	7.70	3.49
FNW1241M	3	76	238	205.87	11.00	4.99

FIGURE 1242

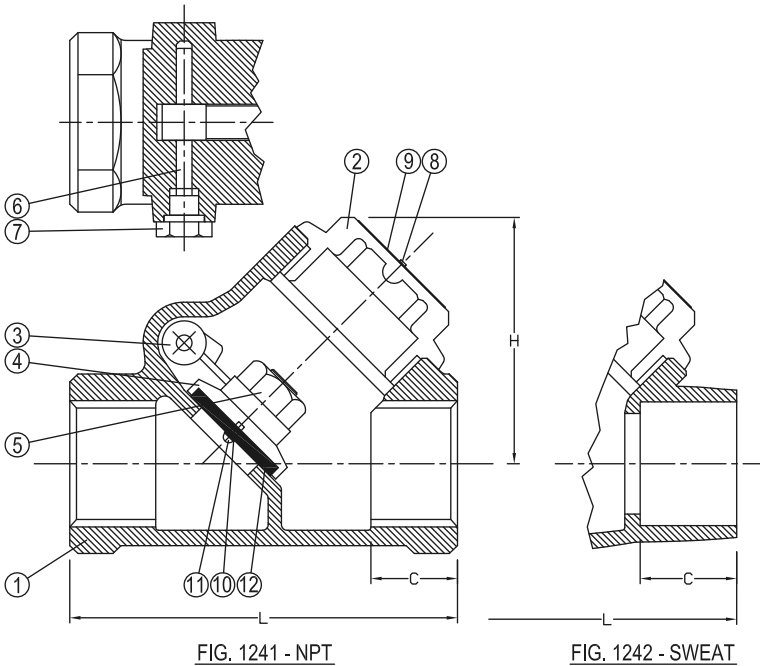
Catalog Number	Size		Flow		Weight	
	in.	mm	Cv	Kv	lbs	kg
FNW1242D	1/2	13	4.8	4.15	0.56	0.25
FNW1242F	3/4	19	14.3	12.37	0.80	0.36
FNW1242G	1	25	24	20.76	1.30	0.59
FNW1242H	1-1/4	32	43	37.19	1.95	0.88
FNW1242J	1-1/2	38	60	51.90	2.70	1.22
FNW1242K	2	51	102	88.23	4.45	2.02
FNW1242L	2-1/2	64	150	129.75	7.68	3.48
FNW1242M	3	76	238	205.87	9.15	4.15

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FIGURE 1241 & 1242
BRONZE CHECK VALVES



150# Y-PATTERN SWING CHECK VALVE



STANDARD MATERIALS

Ref. No.	Description	Material
1	Body	Bronze ASTM B62 C83600
2	Cap	Bronze ASTM B62 C83600
3	Hanger	Bronze ASTM B62 C83600
4	Disc Holder	Bronze ASTM B62 C83600
5	Hanger Nut	Brass ASTM B16 C36000
6	Hanger Pin	Brass ASTM B16 C36000
7	Side Plug	Brass ASTM B16 C36000
8	Rivet	Mild Steel
9	Name Plate	Commercial Aluminum
10	Washer	Brass ASTM B16 C36000
11	Screw	Brass ASTM B16 C36000
12	Disc	Teflon (PTFE)

DIMENSIONS

SIZE		L				C				H			
		1241		1242		1241		1242		1241		1242	
in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
1/2	13	2.36	60	2.60	66	0.54	14	0.50	13	1.77	45	1.77	45
3/4	19	2.76	70	3.39	86	0.57	14	0.75	19	1.97	50	1.97	50
1	25	3.40	86	4.09	104	0.70	18	0.91	23	2.28	58	2.28	58
1-1/4	32	3.78	96	4.72	120	0.71	18	0.97	25	2.67	68	2.67	68
1-1/2	38	4.57	116	5.39	137	0.75	19	1.09	28	2.95	75	2.95	75
2	51	5.35	136	6.69	170	0.79	20	1.34	34	3.70	94	3.70	94
2-1/2	64	6.72	171	7.64	194	1.14	29	1.47	37	4.65	118	4.55	116
3	76	7.55	192	8.74	222	1.18	30	1.66	42	5.47	139	5.37	136