

125# FLANGED 200 WOG IBBM SWING CHECK VALVE

Features:

- 200 PSI WOG Non-Shock (-20°F to 150°F)
- 125 PSI WSP (Saturated Steam to 353°F)
- Flat Faced Flanges
- Horizontal Swing
- Horizontal Installation or Vertical with Upward Flow

Standards:

- Class 125 Flanges: ANSI B16.1
- Pressure/Temperature Rating: ANSI B16.1
- Face to Face Dimensions: ANSI B16.10
- Design & Testing: MSS SP-71

Pressure/Temperature*

Temp (°F)	Pressure (PSI)
-20 to 150	200
200	190
225	180
250	175
275	170
300	165
325	155
350	150
375	145
400	140
425	130
**450	125

* P/T listed is for 2 to 12 inch, 200 WOG ASTM A126 Class B gray iron valves. Temperatures shown are that of the pressure containing parts of the valve and are assumed to be equal to the contained fluid's temperature. Use of a pressure rating at a pressure containing temperature other than the contained fluid's is at the responsibility of the end-user.

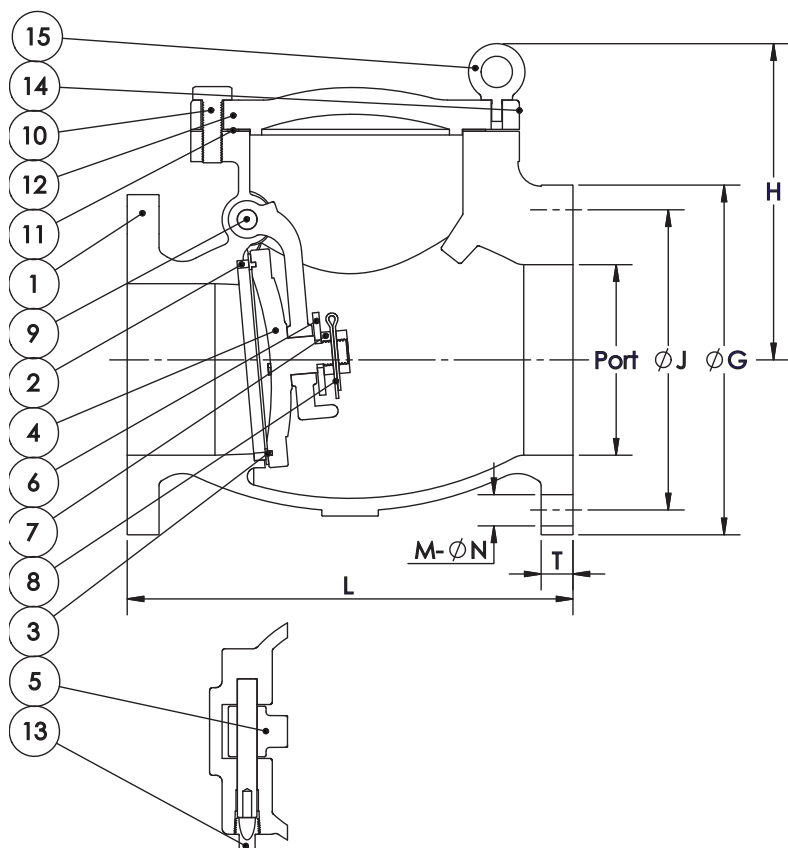
** Maximum temperature for bronze trim.



Figure Number Matrix

FNW 671A Size		
SIZE CODE		
2 = K	4 = P	8 = X
2-1/2 = L	5 = S	10 = 10
3 = M	6 = U	12 = 12

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Standard Materials

Ref. No.	Description	Material
1	Body	ASTM A126 B, Cast Iron
2	Seat Ring	ASTM B62, Bronze
3	Disc Ring	ASTM B62, Bronze
4	Disc	ASTM A126 B, Cast Iron
5	Hinge	ASTM A216 WCB, Carbon Steel
6	Washer	ASTM A307 B, Carbon Steel
7	Nut	ASTM A563, Carbon Steel
8	Pin	304SS, Stainless Steel
9	Hinge Pin	13Cr, Stainless Steel
10	Bolt	ASTM A307 B, Carbon Steel
11	Bonnet Gasket	Graphite + Steel
12	Bonnet	ASTM A126 B, Cast Iron
13	Plug	ASTM A47, Malleable Iron
14	ID Plate	Aluminum
15	Lifting Eye Bolt (6" and Larger)	ASTM A307 B, Carbon Steel

Dimensions (inches)

Size	Port	ØJ	H	T	M	ØN	L	ØG
2	2.01	4.75	6.02	0.62	4	0.75	8.00	5.98
2-1/2	2.50	5.50	6.38	0.69	4	0.75	8.50	7.01
3	2.99	6.00	6.93	0.75	4	0.75	9.50	7.48
4	4.02	7.50	8.66	0.94	8	0.75	11.50	9.02
5	5.00	8.50	8.90	0.94	8	0.87	13.00	10.00
6	5.98	9.50	12.64	1.00	8	0.87	14.00	10.98
8	7.99	11.75	13.86	1.12	8	0.87	19.50	13.50
10	10.00	14.25	15.12	1.19	12	0.98	24.50	15.98
12	12.01	17.00	16.77	1.25	12	0.98	27.50	19.02

Cv & Weight

Size	Cv	Wt. (Lbs)
2	137	22
2-1/2	221	31
3	327	42
4	605	71
5	975	110
6	1440	130
8	2670	236
10	4300	377
12	6350	564

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