

125# FLANGED 200 WOG IBBM GLOBE VALVE

Features:

- 200 PSI WOG Non-Shock (-20°F to 150°F)
- 125 PSI WSP (Saturated Steam to 353°F)
- Flat Faced Flanges
- Rising Stem OS&Y
- Back Seat Stop

Standards:

- Class 125 Flanges: ANSI B16.1
- Pressure/Temperature Rating: ANSI B16.1
- Face to Face Dimensions: ANSI B16.10
- Design & Testing: MSS SP-85

Options & Accessories:

FNW offers many options, accessories and modifications for their iron body valves which include, but are not limited to: By-Passes, Packing Options, Stem Extensions, Floor Stands, Switches, and Actuation such as Pneumatic Cylinders or Electric Operators, Gear Operators, and Chain wheels.

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.

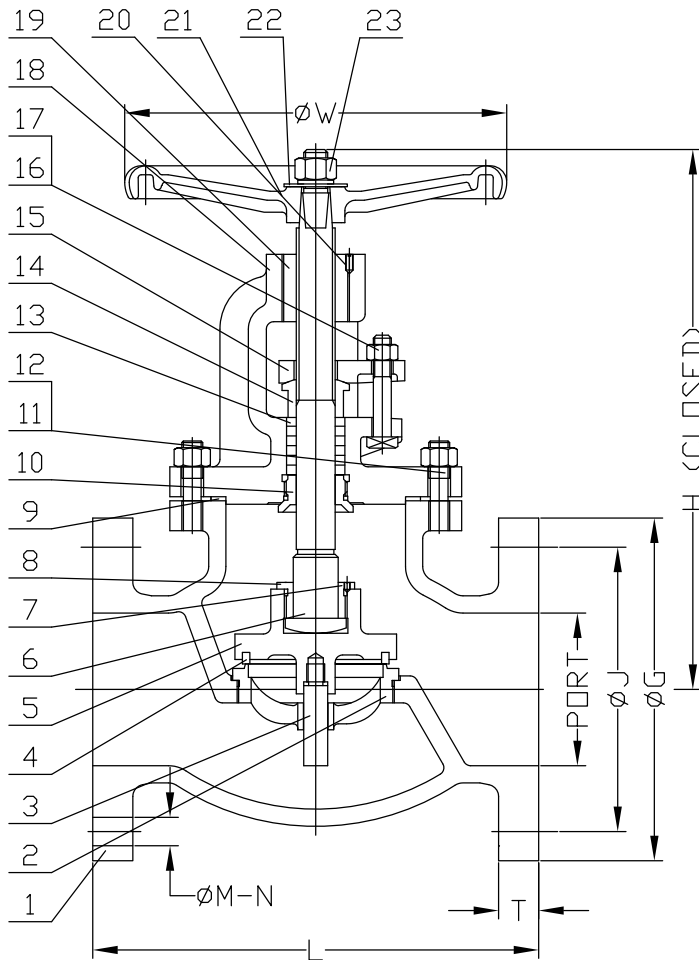
** Maximum temperature for bronze trim.



Figure Number Matrix

FNW 661 <u>Size</u>		
<u>SIZE CODE</u>		
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	Cast Iron, ASTM A126 B
2	Seat Ring	Bronze, ASTM B62
3	Guide Spindle	Brass, ASTM B16
4	Disc Seal Ring	Bronze, ASTM B62
5	Disc	Cast Iron, ASTM A126 B
6	Stem	Brass, ASTM B16
7	Check Screw	Carbon Steel
8	Disc Cover	Carbon Steel
9	Bonnet Gasket	Graphite & Steel Plate
10	Back Seat Bushing	Brass, ASTM B16
11	Stud	Carbon Steel, ASTM A307B
12	Nut	Carbon Steel, ASTM A563
13	Packing	Graphite
14	Packing Gland	Brass, ASTM B16
15	Gland Follower	Ductile Iron, ASTM A536 65-45-12
16	Square Head Bolt	Carbon Steel
17	Nut	Carbon Steel
18	Bonnet	Cast Iron, ASTM A126 B
19	Stem Nut	Brass, Mn
20	Screw	Carbon Steel
21	Handwheel	Cast Iron, ASTM A126 B
22	Washer	Carbon Steel
23	Nut	Carbon Steel
24	ID Plate	Aluminum

2" to 3" Valves: Do not have guide spindle

Dimensions (inches)

Size	Port	ØJ	ØG	T	N	ØM	L	ØW	H (closed)
2	2.00	4.75	6.00	0.63	4	0.75	8.00	8.00	12.00
2-1/2	2.50	5.50	7.00	0.69	4	0.75	8.50	8.00	12.50
3	3.00	6.00	7.50	0.75	4	0.75	9.50	8.00	13.12
4	4.00	7.50	9.00	0.94	8	0.75	11.50	10.00	14.00
5	5.00	8.50	10.00	0.94	8	0.87	13.00	12.00	15.25
6	6.00	9.50	11.00	1.00	8	0.87	14.00	12.00	17.00
8	8.00	11.75	13.50	1.12	8	0.87	19.50	14.00	19.00
10	10.00	14.25	16.00	1.19	12	0.98	24.50	18.00	21.25
12	12.00	17.00	19.00	1.25	12	0.98	27.50	20.00	24.00

Cv & Weight

Size	Cv	Wt. (Lbs)
2	45	37
2-1/2	70	46
3	105	62
4	195	93
5	315	146
6	465	176
8	860	364
10	1390	639
12	n/a	886

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