

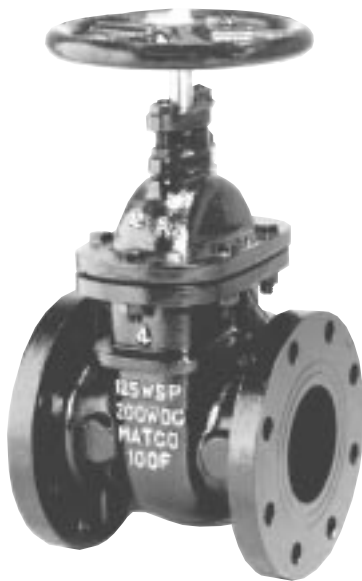
100F IRON BODY GATE VALVE

- ❖ Iron Body, Bronze Mounted (IBBM) ❖ Bolted Bonnet ❖ Non Rising Stem
- ❖ Flanged Ends ❖ Solid Wedge ❖ Class 125

200 PSI NON-SHOCK WOG 125 PSI SATURATED STEAM

Applications: Low Pressure Steam, Water, Air, and Non-Corrosive Gas or Oil

Conforms to MSS-SP70, Federal Specification WW-V-58 Class 1
 Flanges Conform with ANSI B16.1
 ISO 9002



DIMENSIONS & WEIGHTS

SIZE d _o INCH	L	D _ø	C _ø	h _ø	n	T	W _ø	H	H1	S _ø	APROX. WT. LBS.
2	7.0	6.0	4.75	.75	4	.63	7.06	9.06	3.00	.63	26
2.5	7.5	7.0	5.50	.75	4	.69	7.06	10.19	3.50	.63	34
3	8.0	7.5	6.00	.75	4	.75	7.88	11.38	3.75	.69	44
4	9.0	9.0	7.50	.75	8	.94	8.81	13.88	4.50	.81	77
5	10.0	10.0	8.50	.88	8	.94	9.88	16.06	5.00	.88	97
6	10.5	11.0	9.50	.88	8	1.00	11.00	18.50	5.50	.94	125
8	11.5	13.5	11.75	.88	8	1.13	11.00	22.63	6.75	1.00	220
10	13.0	16.0	14.25	1.00	12	1.19	12.44	25.88	8.00	1.25	315
12	14.0	19.0	17.00	1.00	12	1.25	14.00	30.44	9.50	1.25	481
14	15.0	21.0	18.75	1.13	12	1.38	15.75	38.50	10.50	1.44	735
16	16.0	23.5	21.25	1.13	16	1.44	17.69	43.50	11.75	1.88	1051
18	17.0	25.0	22.75	1.25	16	1.56	19.69	47.50	12.50	1.88	1276
20	18.0	27.5	25.00	1.25	20	1.69	24.50	52.75	13.75	2.16	1892
24	20.0	32.0	29.50	1.38	20	1.88	24.50	60.50	16.00	2.34	2805

MATERIAL SPECIFICATIONS

NO.	PARTS	MATERIAL	ASTM DESIGNATION
1	Body	Cast Iron	A 126 Class B
2	Bonnet	Cast Iron	A 126 Class B
3	Packing Box	Cast Iron	A 126 Class B
4	Disc	Cast Iron	A 126 Class B
5	Hand Wheel	Cast Iron	A 126 Class B
6	Body Seat Ring	Bronze	B 62
7	Disc Seat Ring	Bronze	B 62
8	Gland	Cast Iron	A 126 Class B
9	Stem Nut	Bronze	B 62
10	Stem	Bronze	B 21
11	Bonnet Gasket	Non Asbestos	Commercial
12	Packing Box Gasket	Non Asbestos	Commercial
13	Bonnet Bolt & Nut	Steel	A 307 Grade B
14	Gland Stud & Nut	Steel	A 307 Grade B
15	Packing Box Stud & Nut	Steel	A 307 Grade B
16	Top Nut	Steel	A 307 Grade B
17	Washer	Steel	A284
18	Packing	Graphite Fiber	Commercial
19	Operating Nut	Cast Iron	A 126 Class B

