



NO	PART NAME	MATERIAL
1	Body	ASTM A126B
2	Seat Ring	ASTM B62
3	Wedge	ASTM A126B
4	Wedge Ring	ASTM B62
5	Stem	ASTM B16
6	Bonnet Gasket	Graphite + Steel
7	Bonnet Bolt	ASTM A307
8	Bonnet Nut	Carbon Steel
9	Bonnet	ASTM A126B
10	Back Seat Bushing	ASTM B16
11	Packing	Graphite
12	Yoke Bolt	Carbon Steel
13	Yoke Nut	Carbon Steel
14	Packing Gland	ASTM A536
15	Packing Gland Bolt	Carbon Steel
16	Packing Gland Nut	Carbon Steel
17	Yoke	ASTM A126B
18	Stem Nut	Mn-Brass
19	Stem Nut Bushing	ASTM A126B
20	Screw	Carbon Steel
21	Handwheel	ASTM A126B
22	Handwheel Nut	ASTM A536
23	ID Plate	Aluminum

DESIGN & MANUFACTURE: MSS SP-70
 FLANGE DIMENSIONS: ANSI B16.1
 FACE TO FACE: ANSI B16.10
 TESTING: MSS SP-70

2" TO 3" - ONE PIECE YOKE & BONNET
 4" TO 12" - TWO PIECE YOKE & BONNET

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
PORT	2	2.5	3	4	5	6	8	10	12
L	7	7.5	8	9	10	10.5	11.5	13	14
H (Closed)	13.00	14.00	15.50	19.50	23.00	25.75	32.00	38.00	42.50
E	8	8	8	10	12	12	14	16	18
Flange Dimensions	G	6	7	7.5	9	10	11	13.5	16
	J	4.75	5.5	6	7.5	8.5	9.5	11.75	14.25
	T	0.625	0.687	0.750	0.937	0.937	1.000	1.125	1.187
	M	4	4	4	8	8	8	8	12
	N	0.750	0.750	0.750	0.750	0.875	0.875	0.875	1.000
Wt. (LBS)	44	57	71	110	154	196	311	481	694

FNW TM	4120 NE Columbia Blvd Portland, OR 97211 Phone (503) 287-8383 Fax (503) 281-9677	
	TITLE/DESCRIPTION: IBBM GATE VALVE, CLASS 125	
DATE: 2-27-08	BY: PEA	UNITS: INCHES
SCALE: NONE	APP'D: KMC	PAGE(S): 1
MODEL: 651		
DWG NO: 651		
NOTES:		
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