



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

DESIGN & MANUFACTURE: MSS SP-85
 FLANGE DIMENSIONS: ANSI B16.1
 FACE TO FACE: ANSI B16.10
 TESTING: MSS SP-85

2" TO 3" - VALVES DO NOT HAVE GUIDE SPINDLE

SIZE	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	
PORT	2	2.5	3	4	5	6	8	10	12	
L	8	8.5	9.5	11.5	13	14	19.5	24.5	27.5	
H (Closed)	12	12.5	13.125	14	15.25	17	19	21.25	24	
E	8	8	8	10	12	12	14	18	20	
Flange Dimensions	G	6	7	7.5	9	10	11	13.5	19	
	J	4.75	5.5	6	7.5	8.5	9.5	11.75	17	
	T	0.625	0.687	0.750	0.937	0.937	1.000	1.125	1.250	
	M	4	4	4	8	8	8	8	12	12
	N	0.750	0.750	0.750	0.750	0.875	0.875	0.875	1.000	1.000
Wt. (LBS)	37	46	62	93	146	176	364	639	886	

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TITLE/DESCRIPTION: IBBM GLOBE VALVE, CLASS 125

DATE: 2-27-08	BY: PEA	UNITS: INCHES
SCALE: NONE	APPD: KMC	PAGE(S): 1
MODEL: 661		
DWG NO: 661		
NOTES:		

FILE: 661_2-12.dwg	WT:	LOC: PORTLAND
PAGE SIZE: 8.5x11	REV: 0	RDATE:

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