



SECTION A-A

VALVE SIZE	DIMENSIONS										
	A	B	B*	C	D	E	F	G	H	J	K
4"	3.93	2.00	2.75	7.50	9.00	5/8"	22.50	12	0.56	2	11.50
6"	5.90	2.25	3.25	9.50	11.00	3/4"	25.00	12	0.68	2	11.50
* 8"	7.87	2.75	3.50	11.75	13.5	3/4"	28.50	12	0.68	2	11.50
10"	9.84	2.75	3.93	14.25	16.0	7/8"	34.50	16	1.00	4	12.50
12"	11.81	3.00	4.37	17.00	19.0	7/8"	38.00	16	1.00	4	14.75
14"	13.78	3.00	4.75	18.75	21.0	1"	43.50	18	1.06	4	14.75
16"	15.74	3.50	4.75	21.25	23.5	1"	48.50	18	1.18	4	14.75
18"	17.71	3.50	5.50	22.75	25.0	1-1/8"	52.50	18	0.81	6	14.75
20"	19.68	4.50	5.93	25.00	27.5	1-1/8"	56.00	24	1.56	8	16.75
24"	23.62	4.50	6.69	29.50	32.0	1-1/4"	66.00	24	1.62	8	23.50
26"	25.59	NA	7.08	31.75	34.2	1-1/4"	75.44	24	1.57	8	23.50
28"	27.56	NA	7.48	34.00	36.5	1-1/4"	79.75	24	1.57	8	23.50
30"	29.52	NA	8.25	36.00	38.7	1-1/4"	82.50	24	2.04	10	23.50
36"	35.43	NA	9.84	42.75	46.0	1-1/2"	99.50	30	1.77	10	23.50

ITEM	DESCRIPTION	MATERIAL
1	BODY BOLT	CARBON STEEL
2	PACKING SCREW	STAINLESS STEEL
3	YOKE POST	CARBON STEEL
4	HANDWHEEL	CARBON STEEL
5	BEVEL GEAR	DUCTILE IRON
6	HEX BOLT	ZINC PLATED
7	STEM	CHROME STEEL
8	HEX BOLT	STAINLESS STEEL
9	THRUST BEARING	BRONZE
10	TOP PLATE	CARBON STEEL
11	STEM NUT	BRONZE
12	TRANSVERSE SEAL	VITON
13	BODY (2 PART)	**
14	GATE	STAINLESS STEEL
15	SEAT RING	VITON

B=MODEL NA1 VALVE (TAPPI/MSS-SPB1 FACE-TO-FACE)
 B*=MODEL A1 VALVE (WIDE BODY FACE-TO-FACE)
 H=DEPTH OF BLIND TAPPED HOLES IN CHEST AREA OF VALVE
 J=NUMBER OF BLIND TAPPED HOLES IN CHEST AREA OF VALVE
 * VALVE SHOWN
 ** VARIOUS MATERIALS AVAILABLE (CONSULT BROCHURE)

NOTE:
 (3:1) BEVEL GEARS ARE RECOMMENDED FOR 4"-10" VALVE.
 (4:1) BEVEL GEARS ARE RECOMMENDED FOR 12"-20" VALVES.
 (6:1) BEVEL GEARS ARE RECOMMENDED FOR 24" AND LARGER VALVES.
 CONSULT THE FACTORY FOR SPECIAL APPLICATIONS.



WEY VALVE INC.
 NETTLETON, MS

MODEL A1/NA1 KNIFE GATE
 WITH BEVEL GEAR ACTUATOR.

DATE 5-20-98	DRAWN BY T. MARTIN	DWG NO. NA-98-4	REV. 3
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