



TEST PRESSURE		BODY MARKING		NO.	DESCRIPTION	MAT'L	Q'TY	REMARK	
BODY	SEAT	MAKER SIZE RATING MATERIAL HEAT No.		01	BODY	A351	CF8M	1	
	HYD			04	RETAINER	A351	CF8M	1	
PSI	PSI			05	YOKE	A351	CF8	1	
		232	43.5	06	KNIFE	A240	316	1	
				08	GLAND FLANGE	A351	CF8M	1	
ITEM		CODE No.		12	SLEEVE GLAND	A351	CF8	1	
FACE-TO-FACE		MSS SP-81		14	WHEEL NUT	A351	CF8	1	
END FLANGE		ASME B16.5		15	HANDWHEEL	A536 65-45-12		1	
TEST PRESSURE		MSS SP-81		16	YOKE SLEEVE	A439	D2C	1	
SHELL/SEAT TEST		MSS SP-81		18	STEM	A182	F304	1	
MATERIAL RATING		ASME B16.34		19	SEAT RING	RTFE		2	
				38	SLEEVE BOX	A351	CF8	1	
				56	YOKE BOLT	A193	B8	1 Set	
				57	YOKE NUT	A194	8	1 Set	
				58	GLAND BOLT	A193	B8	1 Set	
				59	GLAND NUT	A194	8	1 Set	
				62	WRENCH BOLT	A193	B8M	1 Set	
				64	WASHER	A276	304	1 Set	
				66	STOPPER	A182	F304	1	
				69	GREASE NIPPLE	A307	Gr.B	1	Cr. PLATING
				70	SET SCREW	A193	B8	1	
				71	NAME PLATE	A240	304	1	
				73	BEARING			2	
				74	KEY	A108	1045	1	
				75	O-RING	EPDM		2	
				76	STOPPER BOLT	A193	B8	1	
				77	STOPPER NUT	A194	8	1	
				84	PIN BOLT	A193	B8	2	
				85	PIN NUT	A194	8	2	
				86	SLEEVE BOX BOLT	A193	B8	1 Set	
				87	SLEEVE BOX NUT	A194	8	1 Set	
				97	PACKING	PTFE		1Set	PALMETTO #1347AF

DIMENSIONS

UNIT : inches

VALVE SIZE	L	d	OPEN	H1	H2	H3	O	FLANGED						WEIGHT (Lbs)	REMARK
								O.D.	B.C.	R	C	t	N - H		
12"	3.00	11.42	50.75	14.09	16.93	3.24	17.72	19.00	17.00	15.00	0.75	0.06	12 - 7/8	223	
14"	3.00	13.00	57.11	15.47	19.94	3.48	19.69	21.00	18.75	16.25	0.81	0.06	12 - 1	256	
16"	3.50	14.57	64.95	18.11	22.28	3.67	21.65	23.50	21.25	18.50	0.88	0.06	16 - 1	382	
18"	3.50	16.54	70.65	19.92	24.19	3.67	21.65	25.00	22.75	21.00	0.94	0.06	16 - 1 1/8	428	
20"	4.50	18.50	77.17	22.36	27.18	3.67	21.65	27.50	25.00	23.00	1.0	0.06	20 - 1 1/8	613	
24"	4.50	22.44	90.18	26.30	31.31	3.67	21.65	32.00	29.50	27.25	1.0	0.06	20 - 1 1/4	783	

FNW TM		KNIFE GATE VALVES, (BI-DIRECTION)			
		BODY CF8M, LUG TYPE, RF, TRIM 316, CLASS 150			
REVISION	DATE	DESCRIPTION	CHD.	REV.	APP.
TITLE		APP.			
2000B - 150# 12 - 24"		REV.	2	2011-06-22	
SCALE		NON	DES.		
DATE		DWG. NO.		38211ABBC	
ANSI B <17x11>					