



PARTS LIST	
NO.	NAME
1	BODY
2	DISC
3	SEAT
4	UPPER SHAFT
5	PIN
6	NUT
7	WASHER
8	GLAND NUT
9	UPPER BEARING
10	UPPER SHAFT PACKING
11	UPPER PACKING WASHER
12	THRUST ADJUSTMENT RETAINER
13	KEY
14	LOWER BEARING
15	SEAT COMPRESSION WASHER
16	THRUST ADJUSTER WASHER
17	GLAND STUD
18	END PLATE
19	CAP SCREW
20	THRUST ADJUSTER
21	CAP SCREWS
22	CAP SCREWS
23	PACKING GLAND
24	LOWER SHAFT
25	SET SCREWS
26	TRAVELING NUT ACTUATOR
27	ACTUATOR SCREWS
28	ACTUATOR WASHERS

- TECHNICAL REQUIREMENTS:
- DESIGN STANDARD, AWWA C504
  - FLANGE DRILLING PER ANSI A21.1 AWWA C111 FOR BOTH CLASS 150B AND 250B VALVES.
  - DIMENSIONS IN INCHES, WEIGHT IN POUNDS. DOES NOT INCLUDE ACTUATOR.
  - WORKING PRESSURE 150 PSI OR 250 PSI BASED ON CLASS.
  - SHAFT DIAMETER AND BODY WALL THICKNESS PER AWWA C504.

**GA INDUSTRIES, LLC.**

30"-48" MECHANICAL JOINT BUTTERFLY VALVES  
W/BURIED SERVICE TRAVELING NUT ACTUATOR

SERIAL NO.	SCALE	DRAWN BY RJT	
	N.T.S.	APPR. BY JT	
REFERENCES	EFFECTIVE DATE 01-18-2010 TO		
	FIG. NUMBER	FILE	DRAWING NO.
	804	BF	BF-1023
			REV. A

SIZE	A	B	C	#D	F	#G	H	K	M	R	WGT.
48"	24	34.86	44.37	60.24	12.00	57.50	(32) 1 5/8	15.04	39.88	7.48	4849
42"	22.5	29.68	40.59	53.35	9.75	50.62	(28) 1 5/8	15.04	36.10	7.48	3599
36"	22	26.64	35.83	46.26	7.00	43.75	(24) 1 5/8	14.60	32.72	5.00	2693
30"	18	22.91	32.44	39.12	6.00	36.88	(20) 1 3/8	14.60	29.33	5.00	1893

A	ADDED NO.2 IN NOTE & POSITION NOTE, DWG.	5-04-2011	RJT
REV.	DESCRIPTION	DATE	BY

J.A. BUTTERFLY BF-SHOW BF-1023-ADWG