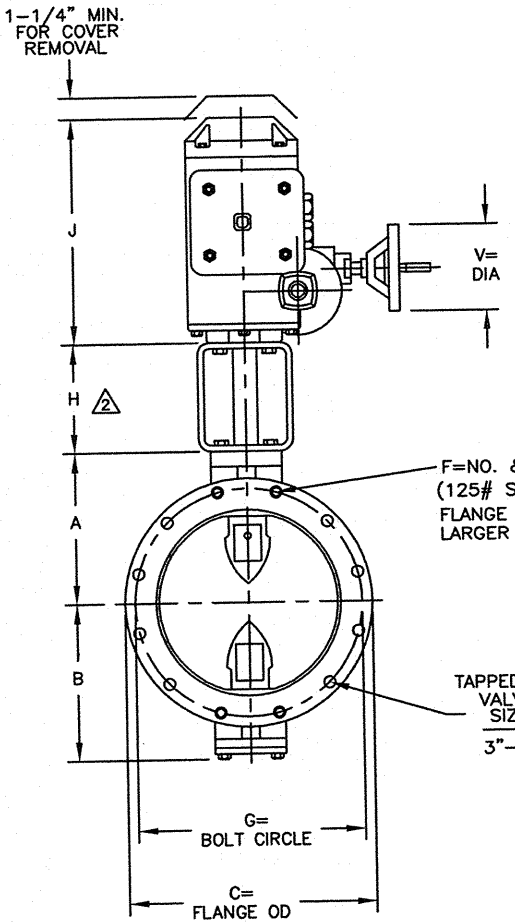


VALVE SIZE	A	B	C	D	E	F	G	H
3	4-3/4	3-1/4	7-1/2	5	3/4	4--5/8	6	4
4	5-1/2	3-1/2	9	5	15/16	8--5/8	7-1/2	4
6	6-1/2	5-1/8	11	5	1	8--3/4	9-1/2	5
8	7-3/4	6-1/2	13-1/2	6	1-1/8	8--3/4	11-3/4	5
10	9	9-7/8	16	8	1-3/16	12--7/8	14-1/4	5
12	10-1/2	11-3/8	19	8	1-1/4	12--7/8	17	6
14	11-7/8	12-5/8	21	8	1-3/8	12--1	18-3/4	6
16	13-1/2	14-1/2	23-1/2	8	1-7/16	16--1	21-1/4	8



MODEL	J	M	P	R	S	V
504	11-1/2	8-1/2	3	8-1/8	15	6-3/8
524	12-3/8	9-1/4	3-3/4	8-1/8	15	6-3/8

WIRING DIAGRAM	
MODEL	DRAWING NO.
504/524	GA-11650

F=NO. & SIZE OF BOLTS
(125# STD.LAYOUT STRADDLE CENTERLINE)
FLANGE BOLT HOLES ARE 1/8"
LARGER THAN BOLT DIAMETER

TAPPED HOLES "F" UNC 2B X "E" DEEP
VALVE SIZE NO. TAPPED HOLES
3"-16" ALL THRU HOLES

- NOTES:
- ALL DIMENSIONS SHOWN IN INCHES. "D" DIMENSION $\pm 1/16$ " FOR 3" THRU 10" VALVES. "D" DIMENSION $\pm 1/8$ " FOR 12" THRU 20" VALVES.
 - DIMENSIONS AND DRILLING OF END FLANGES CONFORM TO THE AMERICAN CAST IRON FLANGE STANDARDS, CLASS 125 (B16.1).
 - (RECOMMENDATIONS FOR MATING FLANGES) WHERE INSULATING BUSHINGS ARE USED, IT IS NECESSARY THAT BOLT HOLES BE DRILLED OVERSIZE BY AN AMOUNT EQUAL TO TWO TIMES THE INSULATING SLEEVE THICKNESS TO MAINTAIN THE SAME MINIMUM CLEARANCE FOR BOLTS.
 - VALVES MANUFACTURED AND TESTED IN ACCORDANCE WITH AWWA SPECIFICATIONS C-504-LATEST REVISION, CLASS 150B.
 - SUPPLIED WITH (2) 3/4" CONDUIT ENTRIES.
 - MUST USE CONTROL PANEL STATION P/N: 2324247 FOR LOCAL CONTROL.

6-24-13	JTC	ADDED NOTE 6	RCB
3-15-07	ES	UPDATE WIRING DIAGRAM AND POSITION DATA	PPS
11-4-05	ES	ADDED "D" DIMS	PPS
1-15-05	BZ	STANDARDIZED DRAWING UPDATED WIRING DWG	ES
REV	DATE	BY	DESCRIPTION
PRATT HENRY PRATT COMPANY AURORA, ILL.			
MODEL 2F2 BUTTERFLY VALVE POSITRON II OPEN/CLOSE BASIC			
SCALE	NONE	DATE	4/20/04
DRAWN BY	DSL	CHECKED BY	ES
APPROVED	GA-BORDER		
DRWG. NO.	GA-10643	REV	4