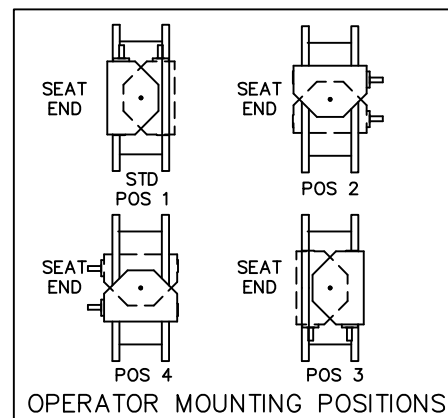


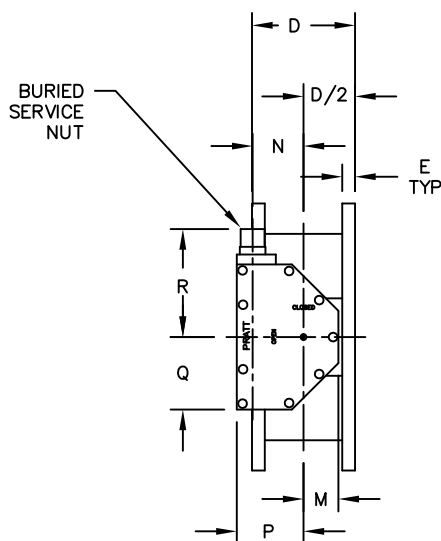
ACTUATOR SIZE	J	L	M	N	P	Q	R	NUMBER OF TURNS
MDT-2S	4-11/16	2	2-1/8	2	4-1/2	4-1/4	8-1/4	32
MDT-3S	5-5/8	2-7/16	3-1/4	3-5/32	5-5/8	5-3/8	10-3/8	30
MDT-4S	6-3/8	2-27/32	3-3/8	4	7-5/16	6-3/4	11-5/16	40
MDT-5	7-9/16	3-15/32	4-1/2	5-1/2	8-3/4	10	17	44

VALVE DIMENSIONS

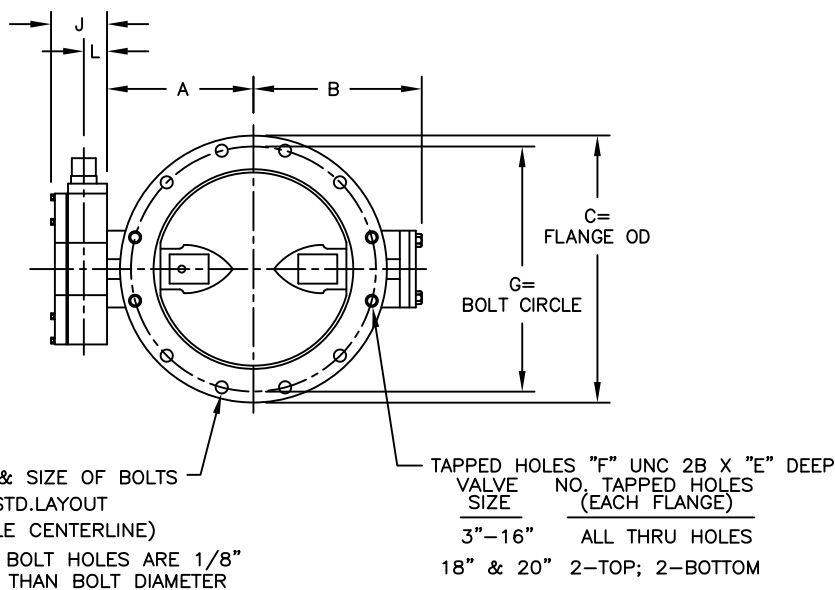
VALVE SIZE	A	B	C	D	E	F	G
3	4-3/4	3-1/4	7-1/2	5	3/4	4--5/8	6
4	5-1/2	3-1/2	9	5	15/16	8--5/8	7-1/2
6	6-1/2	5-1/8	11	5	1	8--3/4	9-1/2
8	7-3/4	6-1/2	13-1/2	6	1-1/8	8--3/4	11-3/4
10	9	9-7/8	16	8	1-3/16	12--7/8	14-1/4
12	10-1/2	11-3/8	19	8	1-1/4	12--7/8	17
14	11-7/8	12-3/4	21	8	1-3/8	12--1	18-3/4
16	13-1/2	14-3/8	23-1/2	8	1-7/16	16--1	21-1/4
18	14-3/8	15-1/4	25	8	1-9/16	16--1-1/8	22-3/4
20	16	16-7/8	27-1/2	8	1-11/16	20--1-1/8	25



- A. IGNORE SEAT SIDE DESIGNATION ON BFV SIZE 3" -20".
- B. CHECK WITH FACTORY WHEN SELECTING ALTERNATE MIRROR ACTUATOR STYLES.



ACTUATOR POSITION 1



NOTES:

1. 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.
2. DIMENSIONS AND DRILLING OF END FLANGES CONFORM TO THE AMERICAN CAST IRON FLANGE STANDARDS, CLASS 125 (B16.1).
3. (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.
4. VALVES MANUFACTURED AND TESTED IN ACCORDANCE WITH AWWA SPECIFICATIONS C-504-LATEST CLASS 150B.

2	5/1/23	ADDED POSITION CHART	RTF	RF
1	2/25/13	ADDED MDT 5	CEM	RF
REV	DATE	DESCRIPTION	DWN	APP

**PRATT**  
MUELLER brand

GROUND FLANGED ENDS  
2FI 150 BUTTERFLY VALVE  
MDT BURIED SERVICE ACTUATOR

SCALE NONE DATE 7/12/05  
DRAWN BY ES CHECKED BY JMR  
APPROVED GA=BORDER  
DRWG. NO. GA-11444 REV 2 A/C