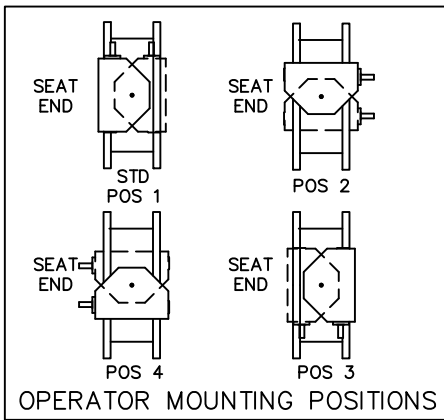
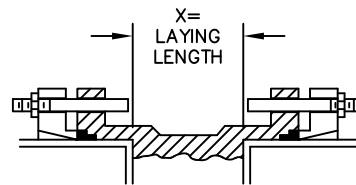


ACTUATOR SIZE	J	L	M	N	P	Q	R	NUMBER OF TURNS
MDT-2S	4-11/16	2	2-1/8	2	4-1/2	4-1/4	8-1/4	32
MDT-3S	5-5/8	2-7/16	3-1/4	3-5/32	5-5/8	5-3/8	10-3/8	30
MDT-4S	6-3/8	2-27/32	3-3/8	4	7-5/16	6-3/4	11-5/16	40
MDT-5	7-9/16	3-15/32	4-1/2	5-1/2	8-3/4	10-7/16	17	44

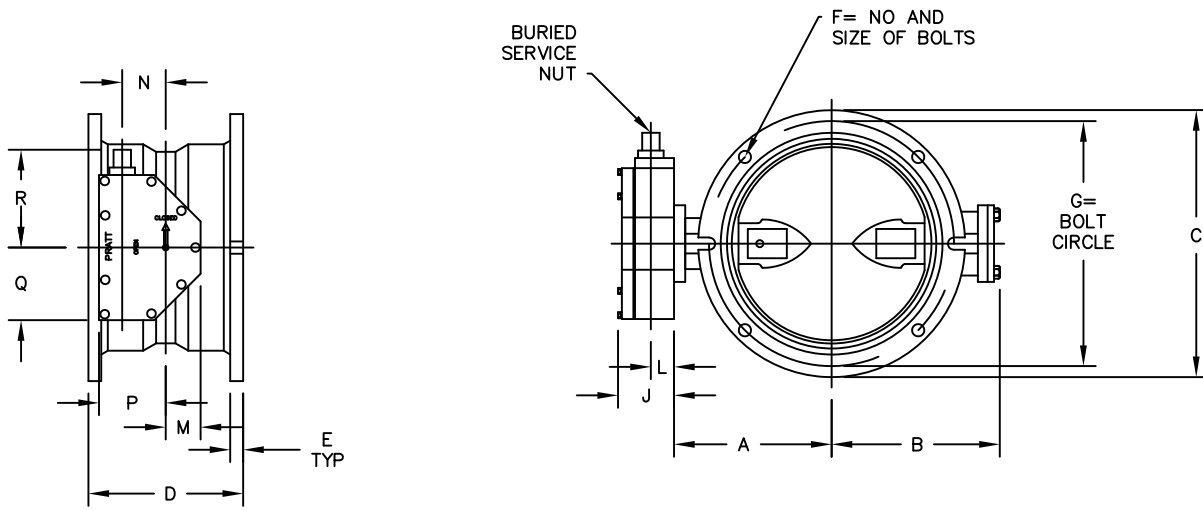


VALVE SIZE	A	B	C	D	E	F	G	X
4	5-1/2	3-1/2	9	8-1/8	1	4--3/4	7 1/2	3-1/8
6	6-1/2	5-1/8	11	8-1/2	1-1/16	6--3/4	9 1/2	3-1/2
8	7-3/4	6-1/2	13-1/4	8-5/8	1-1/8	6--3/4	11 3/4	3-5/8
10	9	9-3/4	15-9/16	10	1-3/16	8--3/4	14	4-1/4
12	10-1/2	11-3/8	17-15/16	10-1/2	1-1/4	8--3/4	16-1/4	4 1/4
14	11-7/8	12-3/4	20-5/16	11-1/2	1-5/16	10--3/4	18 3/4	4-1/2
16	13-1/2	14-1/2	22-9/16	12	1-3/8	12--3/4	21	5
18	14-3/8	15-3/8	24-11/16	12-1/4	1-3/8	12--3/4	23-1/4	5-1/4
20	16	17	27-3/32	12-1/2	1-1/2	14--3/4	25-1/2	5-1/2

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



INSTALLATION DIAGRAM  
BOLTS, NUTS, GLANDS  
AND GASKETS FURNISHED  
BY OTHERS



ACTUATOR POSITION 1

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 ANSI/AWWA C111/A21.11
- (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.
- SEE DRAWING GA-11486 FOR VALVE CROSS SECTION.

4	5/1/23	ADDED POSITION CHART	RTF	RF
3	11/21/11	CORRECTED DIMS	CEM	JR
2	3/11/09	CHANGED NOTE 2	JLM	JR
1	1/18/06	GA-11486 WAS S-2014	CEG	JR
REV	DATE	DESCRIPTION	DWN	APP

**PRATT**  
a MUELLER brand

GENERAL ARRANGEMENT DRAWING  
2MII VALVE MECHANICAL JOINT ENDS  
MDT BURIED SERVICE ACTUATOR

SCALE NONE DATE 5/12/04  
DRAWN BY DSL CHECKED BY ES  
APPROVED GA=BORDER  
DRWG. NO. GA-10705 REV 4 A/C