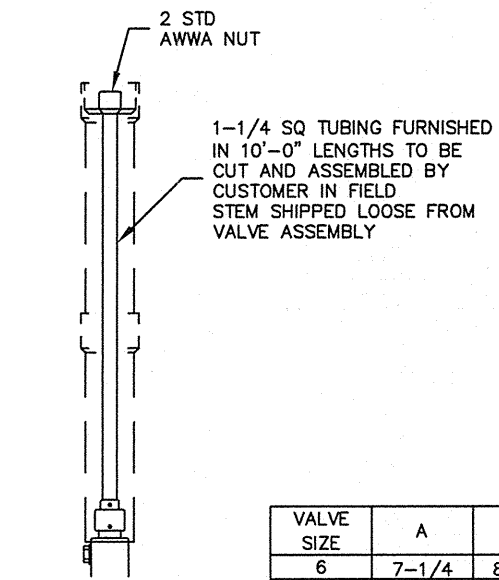


ACTUATOR POSITION 1



OPTIONAL EXTENSION STEM ARRANGEMENT

- NOTES:
1. ALL DIMENSIONS SHOWN IN INCHES.
  2. "D" DIMENSION  $\pm 1/8"$ .
  3. FOR BOLTS SMALLER THAN  $\phi 1-3/4$ , BOLT HOLES WILL BE  $1/8"$  LARGER THAN DIAMETER OF BOLT. FOR BOLTS  $\phi 1-3/4$  OR LARGER, BOLT HOLES WILL BE  $1/4"$  LARGER THAN DIAMETER OF BOLT.
  4. RECOMMENDATION 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.
  5. CAUTION: IT IS RECOMMENDED THAT VALVES BE INSTALLED INTO THE PIPING SYSTEM IN ACCORDANCE WITH AWWA M-11 IN ORDER TO PREVENT ANY UNDUE PIPING STRESS, DEFLECTION OR BENDING THAT MAY EFFECT THE PERFORMANCE OF THE VALVE.
  6. EXTENSION STEM CAN BE USED WITH STANDARD VALVE BOXES OR 5" SOIL PIPE.

FLANGE THICKNESS "E" TOLERANCES	
3" THRU 12"	$+1/8"$ $-0"$
14" THRU 24"	$+3/16"$ $-0"$
30" THRU 48"	$+1/4"$ $-0"$

VALVE SIZE	A	B	C	D	E	F	G
6	7-1/4	8-3/8	12-1/2	6	1-1/2	12--3/4	10-5/8
8	8-1/2	9-5/8	15	8	1-5/8	12--7/8	13
10	9-3/4	11	17-1/2	8	1-7/8	16--1	15-1/4
12	11-1/2	12-5/8	20-1/2	8	2	16--1-1/8	17-3/4
14	12-3/4	13-7/8	23	12	2-1/8	20--1-1/8	20-1/4
16	14	15-1/8	25-1/2	12	2-1/4	20--1-1/4	22-1/2
18	15-1/4	16-3/8	28	12	2-3/8	24--1-1/4	24-3/4
20	17	17-5/8	30-1/2	12	2-1/2	24--1-1/4	27
24	19-3/4	20-1/4	36	12	2-3/4	24--1-1/2	32
30	25-5/8	26	43	12	3	28--1-3/4	39-1/4
36	28-1/8	31-1/8	50	15	3-3/8	32--2	46
42	32-1/8	35-1/8	57	15	3-11/16	36--2	52-3/4
48	36-1/4	39-5/8	65	15	4	40--2	60-3/4

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
MDT-5S	8-5/16	3-15/16	5-1/2	7	10-1/2	15-15/16	19-7/8	136
MDT-6S	11 1/8	5-1/16	7	8-1/4	12-5/8	14-3/16	26-1/2	215

5-25-17	CHANGED TITLEBLOCK AND TITLE	LF	W
REV	DATE	DESCRIPTION	DWN APP
<b>Mueller Co.</b>			
GENERAL ARRANGEMENT DRAWING LINESEAL 350 BUTTERFLY VALVE 6"-48", FLANGED ENDS MDT W/ BURIED SERVICE NUT			
SCALE NONE DATE 4-10-17			
DRAWN BY JCL CHECKED BY RF			
APPROVED GA-BORDER			
DRWG. NO. GA-11861MS	REV 1	JC	