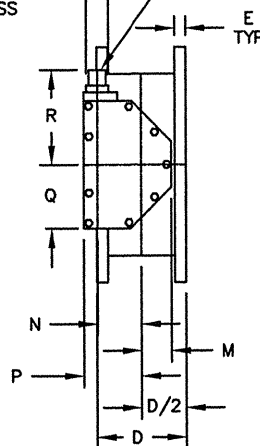


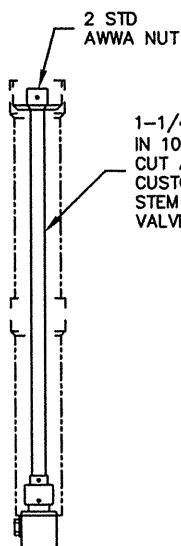
F = NO. & SIZE OF BOLTS
125# STANDARD LAYOUT
STRADDLE CENTERLINE
INCLUDES TAPPED HOLES
EACH FLANGE

18" & 20" BODIES HAVE TAPPED HOLES
TAPPED HOLES ARE "F" UNC-2B X "E" DEEP
2 HOLES AT TOP AND 2 HOLES
AT BOTTOM PER FLANGE.

2 SQ AWWA NUT
INPUT ROTATION OPEN
LEFT (OL) UNLESS
OTHERWISE NOTED



ACTUATOR POSITION 1



1-1/4 SQ TUBING FURNISHED
IN 10'-0" LENGTHS TO BE
CUT AND ASSEMBLED BY
CUSTOMER IN FIELD
STEM SHIPPED LOOSE FROM
VALVE ASSEMBLY

OPTIONAL EXTENSION
STEM ARRANGEMENT

NOTES:

1. ALL DIMENSIONS SHOWN IN INCHES.
2. "D" DIMENSION $\pm 1/16$ ".
3. FLANGE THROUGH BOLT HOLES WILL BE $1/8$ " LARGER THAN DIAMETER OF BOLT.
4. DIMENSIONS AND DRILLING OF END FLANGES CONFORM TO THE AMERICAN CAST IRON FLANGE STANDARDS, CLASS 125 (B16.1).
5. VALVES MANUFACTURED & TESTED IN ACCORDANCE WITH AWWA SPECIFICATION C-504 LATEST REVISION, CLASS 250B.
6. 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.
7. EXTENSION STEM CAN BE USED WITH STANDARD VALVE BOXES OR 5" SOIL PIPE

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

ACTUATOR SIZE	VALVE SIZE	J	L	M	N	P	Q	R	NUMBER OF TURNS
MDT-2S	3"-8"	4-11/16	2	2-1/8	2	4-1/2	4-1/4	8-1/4	32
MDT-3S	10"-14"	5-5/8	2-7/16	3-1/4	3-5/32	5-5/8	5-3/8	10-3/8	30
MDT-4S	16" & 18"	6-3/8	2-27/32	3-3/8	4	7-5/16	6-3/4	11-5/16	40
MDT-5	18" & 20"	7-9/16	3-15/32	4-1/2	5-1/2	8-3/4	10	17	44

REV	DATE	BY	DESCRIPTION	APP
Mueller Co.				
3" - 20" LINESEAL XP250 II 125# FLG MDT BURIED SERVICE ACTUATOR				
SCALE	NONE	DATE	1-30-89	
DRAWN BY	CEM	CHECKED BY		
APPROVED		GA=BORDER		
DRWG NO	GA-11868MS	REV	0	1/2