



ACTUATOR POSITION 01

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 NO. TAPPED HOLES
SIZE (EACH FLANGE)
3"-16" ALL THRU HOLES
18" & 20" 2-TOP; 2-BOTTOM

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

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

NOTES:

- ALL DIMENSIONS SHOWN IN INCHES. "D" DIMENSION ±1/16" FOR 3" THRU 10" VALVES. "D" DIMENSION ±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 CLASS 150B.

REV	DATE	BY	DESCRIPTION	APP
Δ	9-28-08	CEG	REMOVE PRATT FROM MDT	
Mueller Co.				
3" - 20" LINESEAL III BUTTERFLY VALVE MDT BURIED SERVICE ACTUATOR				
SCALE		NONE		
DATE		7-12-05		
DRAWN BY		ES		
CHECKED BY		CEG		
APPROVED		GA-BORDER		
DRWG. NO.		GA-11444MS		
REV		1		