



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 POSITION 01

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  $\pm 1/16$ " FOR 3" THRU 10" VALVES. "D" DIMENSION  $\pm 1/8$ " FOR 12" THRU 20" VALVES.
- DIMENSIONS AND DRILLING OF END FLANGES CONFORM TO THE 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.
<b>PRATT</b> HENRY PRATT COMPANY AURORA, ILL.				
GROUNDHOG VALVE FLANGED ENDS MDT BURIED SERVICE ACTUATOR				
SCALE NONE DATE 7-12-05				
DRAWN BY ES CHECKED BY				
APPROVED GA=BORDER				
DRWG. NO.	GA-11444	REV	o	A/C