



TOLERANCES	
FLANGE THICKNESS "E":	+1/8" 0
LAYING LENGTH "D":	
3" THRU 10"	+1/16"
12" THRU 20"	+1/8"
BOLT CIRCLE "G":	+1/64"
FLANGE O.D. "C":	
3" THRU 10"	+1/8"
12" THRU 20"	+3/16"

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

OPTIONAL EXTENSION
STEM ARRANGEMENT

VALVE SIZE	A	B	C	D	E	F	G
3	4-3/4	3-1/4	7-1/2	5	13/16	4--5/8	6
4	5-1/2	3-1/2	9	5	1	8--5/8	7 1/2
6	6-1/2	5-1/8	11	5	1-1/16	8--3/4	9 1/2
8	7-3/4	6-1/2	13-1/2	6	1 3/16	8--3/4	11 3/4
10	9	9-11/16	16	8	1 3/16	12--7/8	14 1/4
12	10-1/2	11-3/16	19	8	1 5/16	12--7/8	17
14	11-7/8	12-5/8	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	DESCRIPTION	DWN	APP
3	12/16/16	UPDATED TITLE BLOCK	JMD	JCF
2	4/26/11	REV COLUMN "E", ADD TOL.	JJM	RCB
1	10/06/09	REVISED COLUMN "B"	SK	RCB

PRATT

HP250II 125# FLG
3" THRU 20"
MDT BURIED SERVICE ACTUATOR

SCALE NONE DATE 1/30/09

DRAWN BY CEM CHECKED BY JR

APPROVED _____ | GA=BOARD

DRWG. NO. GA-11868 REV 3 A/C