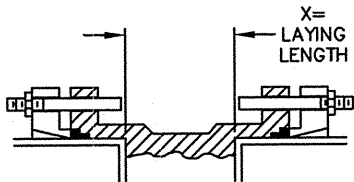


ACTUATOR POSITION 1



INSTALLATION DIAGRAM
BOLTS, NUTS, GLANDS
AND GASKETS FURNISHED
BY OTHERS

NOTES:

1. ALL DIMENSIONS SHOWN IN INCHES. "D" DIMENSION ±1/16" FOR 3" THRU 10" VALVES. "D" DIMENSION ±1/8" FOR 12" THRU 20" VALVES.
2. DIMENSIONS AND DRILLING OF MECHANICAL JOINT END CONFORM TO ANSI/ AWWA C111/ A21.11.
3. (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.
4. VALVES MANUFACTURED AND TESTED IN ACCORDANCE WITH AWWA SPECIFICATIONS C-504 LATEST REVISION, CLASS 250.

2

VALVE SIZE	A	B	C	D	E	F	G	X
4	5-1/2	3-1/2	9	8-1/8	1	4--3/4	7 1/2	3-1/8
6	6-1/2	5-1/8	11	8-1/2	1-1/16	6--3/4	9 1/2	3-1/2
8	7-3/4	6-1/2	13-1/4	8-5/8	1-1/8	6--3/4	11 3/4	3-5/8
10	9	9-3/4	15-9/16	9-1/4	1-3/16	8--3/4	14	4-1/4
12	10-1/2	11-3/8	17-15/16	9-1/4	1-1/4	8--3/4	16-1/4	4 1/4
14	11-7/8	12-3/4	20-5/16	11-1/2	1-5/16	10--3/4	18 3/4	4-1/2
16	13-1/2	14-1/2	22-9/16	12	1-3/8	12--3/4	21	5
18	14-3/8	15-3/8	24-11/16	12-1/4	1-3/8	12--3/4	23-1/4	5-1/4
20	16	17	27-3/32	12-1/2	1-1/2	14--3/4	25-1/2	5-1/2

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	4-1/2	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	17	44

4/22/09	DSL	CORRECTED NOTE	
1-30-09	CEM	REFORMAT & UPDATE	JR
REV	DATE	BY	DESCRIPTION

PRATT HENRY PRATT COMPANY
AURORA, ILL.

GENERAL ARRANGEMENT DRAWING
BONDED SEAT HP250 II MJE
4 THRU 20"
MDT BURIED SERVICE ACTUATOR

SCALE NONE DATE 4-18-06

DRAWN BY BB CHECKED BY JR

APPROVED GA-BORDER

DRWG. NO. GA-11561 REV 2 A/C