



**NOTES:**

1. ALL DIMENSIONS SHOWN IN INCHES.
2. "D" DIMENSION ±1/16" FOR 4" THRU 10" VALVES.  
"D" DIMENSION ±1/8" FOR 12" THRU 16" VALVES.
3. FOR BOLTS SMALLER THAN Ø1-3/4, BOLT HOLES WILL  
BE 1/8" LARGER THAN DIAMETER OF BOLT.  
FOR BOLTS Ø1-3/4 OR LARGER, BOLT HOLES WILL  
BE 1/4" LARGER THAN DIAMETER OF BOLT.
4. DIMENSIONS AND DRILLING OF END FLANGE  
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 150B.
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. THE VALVE IS DESIGNED FOR IRON OR PVC PIPE  
WITH CAST IRON EQUIVALENT O. D.'S  
(NOT FOR USE WITH IPS O. D. PIPE)
8. USE WITH 'TYTON' RUBBER RING GASKET  
(REG T.M. OF U. S. PIPE AND FOUNDRY CO.)
9. EXTENSION STEM CAN BE USED WITH STANDARD  
VALVE BOXES OR 5" SOIL PIPE

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

PIPE SIZE	PIPE O. D.	MIN. MATING I. D.
4	4.80	2.61
6	6.90	4.96
8	9.05	7.22
10	11.10	9.22
12	13.20	10.97
14	15.65	12.56
16	17.80	14.59

VALVE SIZE	A	B	C	CC	D	DD	E	F	G	X
4	5-1/2	4-1/8	6-3/8	9	7-11/16	2-1/2	3/4	8--5/8	7-1/2	4-1/16
6	6-1/2	5-1/8	9	11	7-7/8	2-1/2	1	8--3/4	9-1/2	4-1/2
8	7-3/4	6-1/2	11-1/4	13-1/2	9	3	1-1/8	8--3/4	11-3/4	4-13/16
10	9	9-7/8	14	16	10-5/16	4	1-3/16	12--7/8	14-1/4	6-1/16
12	10-1/2	11-3/8	16-3/8	19	11-1/2	4	1-1/4	12--7/8	17	6-9/16
14	11-7/8	12-1/4	18-7/8	21	11-3/8	4	1-3/8	12--1	18-3/4	9-1/16
16	13-1/2	13-7/8	21-3/4	23-1/2	11-1/2	4	1-7/16	16--1	21-1/4	9-3/16

REV	DATE	BY	DESCRIPTION	APP.

**PRATT** HENRY PRATT COMPANY  
AURORA, ILL.

4" - 16" BUTTERFLY VALVE  
FLANGE X PUSH-ON ENDS  
MDT BURIED SERVICE ACTUATOR

SCALE NONE DATE 1-25-09

DRAWN BY CEM CHECKED BY [Signature]

APPROVED [Signature] GA-BORDER

DRWG. NO. GA-11865 REV 0 1/2