



ACTUATOR POSITION 01

NOTES:

- ALL DIMENSIONS SHOWN IN INCHES.
- "D" DIMENSION $\pm 1/8"$.
- FOR BOLTS SMALLER THAN $\phi 1-3/4$, BOLT HOLES WILL BE $1/8"$ LARGER THAN DIAMETER OF BOLT. FOR BOLTS $\phi 1-3/4$ OR LARGER, BOLT HOLES WILL BE $1/4"$ 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-507 LATEST REVISION, CLASS 150.
- 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.
- VALVE ROTOR SHOWN IN OPEN POSITION.
- CAUTION: IT IS RECOMMENDED THAT VALVES BE INSTALLED INTO THE PIPING SYSTEM IN ACCORDANCE WITH AWWA M-11 IN ORDER TO PREVENT ANY UNDUE PIPING STRESS, DEFLECTION OR BENDING THAT MAY AFFECT THE PERFORMANCE OF THE VALVE.

VALVE SIZE	A	B	C	D	E	F	G	EH	EJ	EL	EN	EP	ER
4	9-7/8	12-1/4	9	13	1-1/4	8 x 5/8	7-1/2	14-1/4	8-1/8	2-5/16	7/8	2	2-15/16
6	10-1/2	13-1/4	11	16	1	8 x 3/4	9-1/2	16-1/2	9	2-5/16	1-1/8	2-3/8	2-15/16
8	11-1/8	13-15/16	13-1/2	18	1-1/8	8 x 3/4	11-3/4	19	10-1/8	2-3/4	1-1/8	2-7/16	3-13/16
10	12-7/8	16-1/8	16	18-1/8	1-3/16	12 x 7/8	14-1/4	22	11-7/8	3-3/8	1	3-3/16	4-1/8
12	15	18-1/2	19	21	1-1/4	12 x 7/8	17	25-3/4	13-1/2	4-1/16	1-1/8	3-3/16	3-7/8
14	17-3/8	20-5/8	21	26-1/4	1-3/8	12 x 1	18-3/4	29-3/4	15-1/2	4-1/2	1-5/16	3-1/4	4-1/2
16	20-1/16	23-1/4	23-1/2	27	1-7/16	16 x 1	21-1/4	32-7/8	17-1/8	4-3/4	1-7/16	3-5/16	5
18	21-9/16	24-7/8	25	29	1-9/16	16 x 1-1/8	22-3/4	36-5/8	18-3/4	4-7/8	1-9/16	3-15/16	5-9/16
20	23-5/8	27-3/4	27-1/2	32	1-11/16	20 x 1-1/8	25	39-7/8	20-1/2	4-9/16	1-5/8	5-1/4	6-1/4
24	26-1/2	29-3/4	32	37	1-7/8	20 x 1-1/4	29-1/2	44-3/4	23-7/8	4-15/16	1-15/16	5-15/16	7-3/4
30	32-1/2	35-7/16	38-3/4	46	2-1/8	28 x 1-1/4	36	55-5/8	29-1/2	5-15/16	2-3/8	6-11/16	10-7/16
36	36-7/8	41-1/16	46	54	2-3/8	32 x 1-1/2	42-3/4	65-3/8	34-1/2	6-7/16	2-5/8	7-5/8	8-3/4
42	42-1/2	47-3/16	53	59-1/2	2-5/8	36 x 1-1/2	49-1/2	75-1/2	39-7/8	8-3/8	2-7/16	9-1/16	12-7/8
48	50-3/8	58-1/16	59-1/2	72	2-3/4	44 x 1-1/2	56	86-3/4	44-5/8	7-15/16	3-5/8	9-1/2	12-5/8

ACTUATOR SIZE	J	L	M	N	P	Q	R	S	T	V	W	NUMBER OF TURNS
MDT-3S	5-5/8	2-7/16	3-1/4	3-5/32	5-5/8	5-3/8	10-3/8	10-1/2	10-1/8	12	9-1/8	30
MDT-4S	6-3/8	2-27/32	3-3/8	4	7-5/16	6-3/4	11-5/16	11-1/2	11	12	9-1/8	40
MDT-5	7-9/16	3-15/32	4-1/2	5-1/2	8-3/4	10	17	17 3/16	17-3/16	18	16-7/16	44
MDT-5S	8-5/16	3-15/16	5-1/2	7	10-1/2	15-15/16	19-7/8	20	19-13/16	24	22-1/4	136
MDT-6S	9-7/8	5-1/16	7	8-1/4	12-5/8	14-3/16	26-1/2	27-3/4	27-1/2	24	22-1/4	215
MDT-10	12-13/16	5-7/8	11-15/16	11-5/8	19-1/16	19-29/32	28-1/4	33-1/4	33-1/4	24	26	526

3/08/10	MZ	CEM	REVISED TITLE	6/29/17	LF	JUR	UPDATED TITLEBLOCK
8/23/04	BZ	ES	CORRECTED VALUE	8/7/13	JUR	RCB	REVISED TABLE
REV.-DATE	BY	APP.	REVISION	REV.-DATE	BY	APP.	REVISION