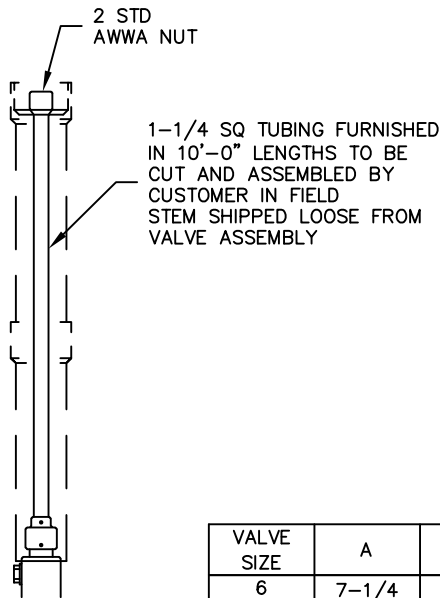


ACTUATOR POSITION 1

NOTES:

1. ALL DIMENSIONS SHOWN IN INCHES.
2. "D" DIMENSION ±1/8".
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. 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.
5. 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 EFFECT THE PERFORMANCE OF THE VALVE.
6. 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
6	7-1/4	8-3/8	12-1/2	6	Δ1-1/2	12--3/4	10-5/8
8	8-1/2	9-5/8	15	8	1-5/8	12--7/8	13
10	9-3/4	11	17-1/2	8	1-7/8	16--1	15-1/4
12	11-1/2	12-5/8	20-1/2	8	2	16--1-1/8	17-3/4
14	12-3/4	13-7/8	23	12	2-1/8	20--1-1/8	20-1/4
16	14	15-1/8	25-1/2	12	2-1/4	20--1-1/4	22-1/2
18	15-1/4	16-3/8	28	12	2-3/8	24--1-1/4	24-3/4
20	17	17-5/8	30-1/2	12	2-1/2	24--1-1/4	27
24	19-3/4	20-1/4	36	12	2-3/4	24--1-1/2	32
30	25-5/8	26	43	12	3	28--1-3/4	39-1/4
36	28-1/8	31-1/8	50	15	3-3/8	32--2	46
42	32-1/8	35-1/8	57	15	3-11/16	36--2	52-3/4
48	36-1/4	39-5/8	65	15	4	40--2	60-3/4

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	Δ4-1/4	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
MDT-5	7-9/16	3-15/32	4-1/2	5-1/2	8-3/4	Δ10-7/16	17	44
MDT-5S	8-5/16	3-15/16	5-1/2	7	10-1/2	15-15/16	19-7/8	136
MDT-6S	11 1/8	5-1/16	7	8-1/4	12-5/8	14-3/16	26-1/2	215

FLANGE THICKNESS "E" TOLERANCES

3" THRU 12"	+1/8"
	- 0"
14" THRU 24"	+3/16"
	- 0"
30" THRU 48"	+1/4"
	- 0"

REV	DATE	DESCRIPTION	DWN	APP
6	09/17/21	REMOVE NOTE FOR RECOMMENDED FLOW DIRECTION FOR HP350	CA	TF
5	9-12-16	REVISED FLOW DIRECTION NOTE	SAD	SS
4	8-28-14	REVISED DIM / ADDED TOL. BLOCK	JUR	RCB
3	1-18-10	4-1/4 WAS 4-1/2; 10-7/16 WAS 10	MZ	CEM
2	11-17-09	CORRECTED FLOW ARROW	CEM	JR
1	1-18-09	ADDED ARROWS	AA	JHW

PRATT®

GENERAL ARRANGEMENT DRAWING
6"-48" HP-350 VALVE FLANGED ENDS
MDT BURIED SERVICE ACTUATOR

SCALE NONE DATE 1-05-08

DRAWN BY AA CHECKED BY PPS

APPROVED GA=BORDER

DRWG. NO. GA-11861 REV 6 1/2