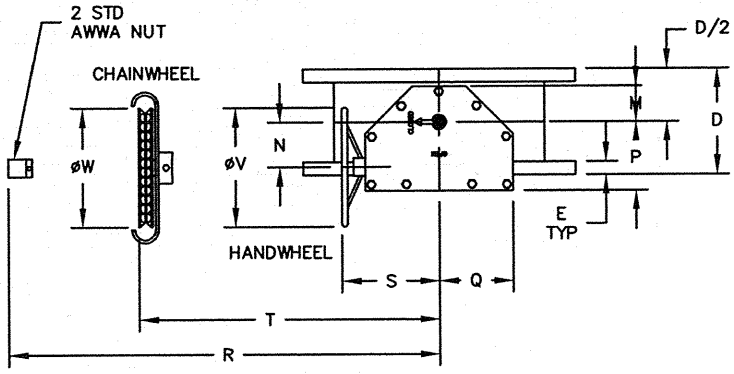
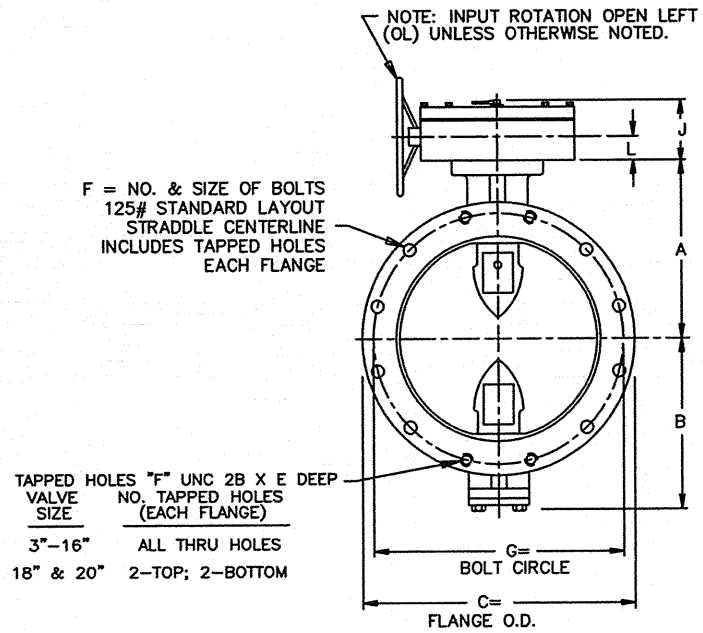
ACTUATOR SIZE	J	L	M	N	P	Q	R	S	T	V	W	NUMBER OF TURNS
MDT-2S	4-11/16	2	2-1/8	2	4-1/2	4-1/4	8-1/4	7-7/8	7-7/8	8	9-1/8	32
MDT-3S	5-5/8	2-7/16	3-1/4	3-5/32	5-5/8	5-3/8	10-3/8	10-1/2	10-1/8	12	9-1/8	30
MDT-4S	6-3/8	2-27/32	3-3/8	4	7-5/16	6-3/4	11-5/16	11-1/2	11	12	9-1/8	40
MDT-5	7-9/16	3-15/32	4-1/2	5-1/2	8-3/4	10	17	17 3/16	17-3/16	18	16-7/16	44

VALVE SIZE	A	B	C	D	E	F	G
3	4-3/4	3-7/8△	7-1/2	5	3/4	4--5/8	6
4	5-1/2	4-1/8△	9	5	15/16	8--5/8	7-1/2
6	6-1/2	5-1/8	11	5	1	8--3/4	9-1/2
8	7-3/4	6-1/2	13-1/2	6	1-1/8	8--3/4	11-3/4
10	9	9-7/8	16	8	1-3/16	12--7/8	14-1/4
12	10-1/2	11-3/8	19	8	1-1/4	12--7/8	17
14	11-7/8	12-3/4	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 POSITION 1



TAPPED HOLES "F" UNC 2B X E DEEP

VALVE SIZE	NO. TAPPED HOLES (EACH FLANGE)
3"-16"	ALL THRU HOLES
18" & 20"	2-TOP; 2-BOTTOM

NOTES:

1. ALL DIMENSIONS SHOWN IN INCHES.
2. "D" DIMENSION ±1/16" FOR 3" THRU 10" VALVES.
   "D" DIMENSION ±1/8" FOR 12" THRU 20" 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 FLANGES 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.

REV	DATE	BY	DESCRIPTION	APP.

PRATT® HENRY PRATT COMPANY AURORA, ILL.

3" - 20" FLG BUTTERFLY VALVE
MDT MANUAL ACTUATOR

SCALE NONE DATE 1-20-09
DRAWN BY CEM CHECKED BY
APPROVED GA=BORDER
DRWG. NO. GA-11864 REV 0 A/C