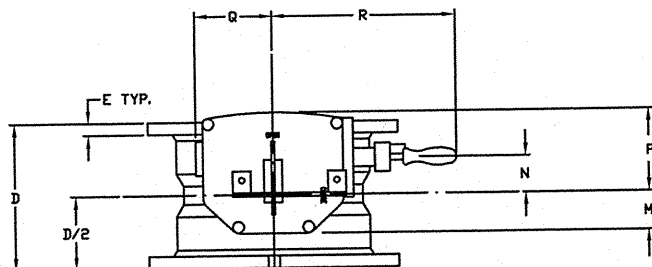
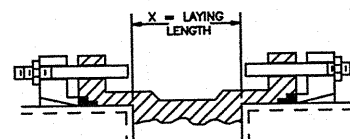
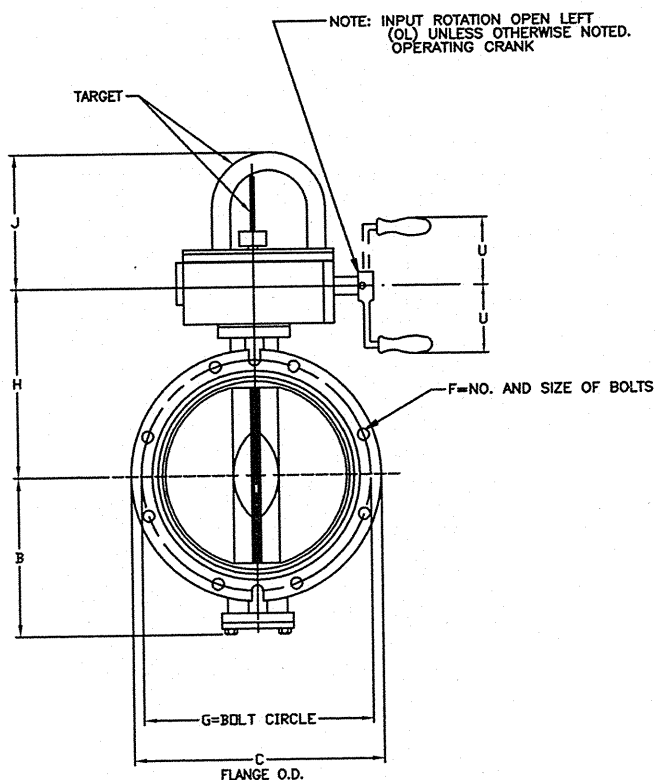


VALVE SIZE	ACTUATOR SIZE	B	C	D (SEE NOTE 1)	E	F	G	H	J	M	N	P	Q	R	U	X	NUMBER OF TURNS
4	MDT-2S	4-1/2	9	8-1/8	1	4--3/4	7-1/2	7-15/32	7-3/8	2-1/8	2	4-1/2	4-1/2	11	4-9/16	3-1/8	32
6	MDT-2S	5-1/2	11	8-1/2	1-1/16	6--3/4	9-1/2	8-1/2	7-3/8	2-1/8	2	4-1/2	4-1/2	11	4-9/16	3-1/2	32
8	MDT-2S	6-3/4	13-1/4	8-5/8	1-1/8	6--3/4	11-3/4	9-3/4	7-3/8	2-1/8	2	4-1/2	4-1/2	13-5/16	8-9/16	3-5/8	32
10	MDT-3S	9-7/8	15-9/16	10	1-3/16	8--3/4	14	11-7/16	7-21/32	3-1/4	3-5/32	5-5/8	5-3/8	15-7/16	8-9/16	5	30
12	MDT-3S	11-3/8	17-15/16	10-1/2	1-1/4	8--3/4	16-1/4	12-15/16	7-21/32	3-1/4	3-5/32	5-5/8	5-3/8	15-7/16	8-9/16	5-1/2	30
14	MDT-3S	12-5/8	20-5/16	11-1/2	1-5/16	10--3/4	18-3/4	14-3/4	7-21/32	3-1/4	3-5/32	5-5/8	5-3/8	15-7/16	8-9/16	4-1/2	30
16	MDT-4S	14-1/2	22-9/16	12	1-7/16	12-3/4	21	16-11/32	9-7/8	3-3/8	4	7-5/16	6-3/4	18-3/4	12-9/16	5	40
18	MDT-4S	15-1/4	24-11/16	12-1/4	1-3/8	12--3/4	23-1/4	17-7/32	9-7/8	3-3/8	4	7-5/16	6-3/4	18-3/4	12-9/16	5-1/4	40
20	MDT-5	17	27-3/32	12-1/2	1-1/2	14--3/4	25-1/2	19-15/32	11-5/32	4-1/2	5-1/2	8-3/4	10-1/8	24	12-9/16	5-1/2	44
24	MDT-5S	18-5/8	31-9/16	13-1/4	1-5/8	16--3/4	30	23-5/16	12-1/8	5-1/2	7	10-1/2	15-15/16	26-7/8	12-9/16	6-3/8	136



ACTUATOR POSITION 3



INSTALLATION DIAGRAM
NOTE: BOLTS, NUTS, GLANDS AND GASKETS
FURNISHED BY OTHERS.

NOTES:

- ALL DIMENSIONS SHOWN IN INCHES. "D" DIMENSION $\pm 1/16"$ FOR 6" THRU 10" VALVES. "D" DIMENSION $\pm 1/8"$ FOR 12" THRU 24" VALVES.
- DIMENSIONS AND DRILLING OF END FLANGES CONFORM TO THE AMERICAN CAST IRON FLANGE STANDARDS, CLASS 125 (B16.1).
- (RECOMMENDATIONS 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.
- VALVES MANUFACTURED AND TESTED IN ACCORDANCE WITH AWWA SPECIFICATIONS C-504-87.
- ACTUATOR MOUNTED IN POSITION AS SHOWN.
- VALVE ASSEMBLIES ARE UNDERWRITERS LABORATORIES (UL) LISTED AND APPROVED FOR USE IN FIRE PROTECTION SYSTEMS.

PAINT: INTERIOR OF VALVE: AMERCOAT 370 OXIDE RED. EXTERIOR OF VALVE (EXCEPT FLANGE FACES) AND ACTUATOR: SAFETY RED. TARGET: SAFETY YELLOW

1	4/20/15	RCB	ADD 24"/MDT-5S	AA
REV	DATE	BY	DESCRIPTION	APP.
PRATT HENRY PRATT COMPANY AURORA, ILL.				
GENERAL ARRANGEMENT DRAWING IBV BUTTERFLY VALVES MECHANICAL JOINT ENDS (250#UL)				
SCALE	NONE	DATE	2/25/15	
DRAWN BY	JUR	CHECKED BY	PPS	
APPROVED		GA-BORDER		
DRWG. NO.	GA-11962	REV	1	1/2