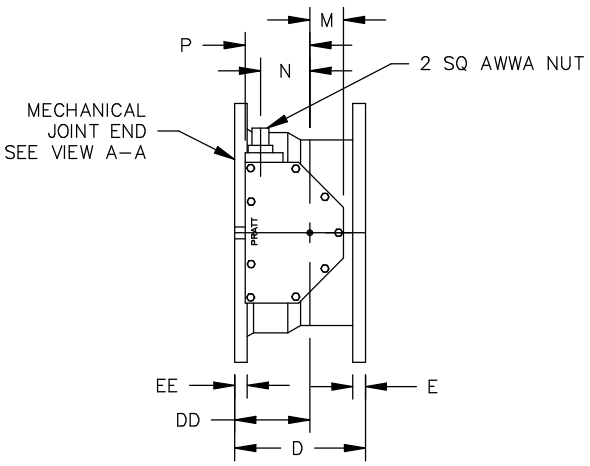
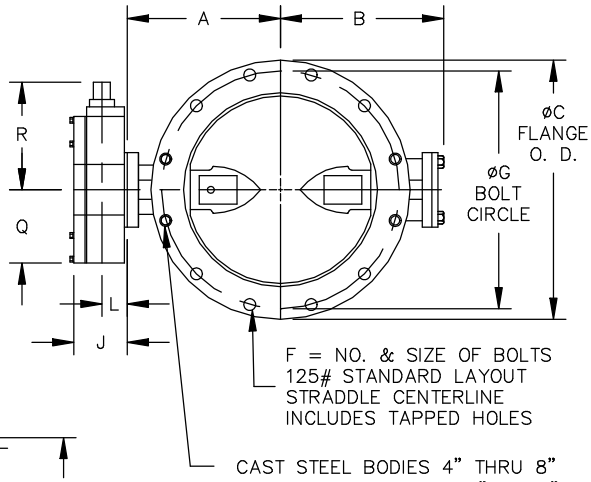
VALVE SIZE	A	B	C	CC	D	DD	E	EE	F	FF	G	GG	X
6	6–1/2	5–1/8	11	11	6–3/4	4–1/4	1–1/16	1–1/16	8––3/4	6––3/4	9–1/2	9–1/2	4–1/4
8	7–3/4	6–1/2	13–1/2	13–1/4	7–5/16	4–5/16	1–1/8	1–1/8	8––3/4	6––3/4	11–3/4	11–3/4	4–13/16
10	9	9–7/8	16	15–9/16	8–5/8	4–5/8	1–1/4	1–3/16	12––7/8	8––3/4	14–1/4	14	6–1/8
12	10–1/2	11–3/8	19	17–15/16	8–5/8	4–5/8	1–1/4	1–1/4	12––7/8	8––3/4	17	16–1/4	6–1/8
14	11–7/8	12–3/4	21	20–5/16	9–3/4	5–3/4	1–3/8	1–5/16	12––1	10––3/4	18–3/4	18–3/4	6–1/4
16	13–1/2	14–3/8	23–1/2	22–9/16	10	6	1–7/16	1–3/8	16––1	12––3/4	21–1/4	21	6–1/2
18	14–3/8	15–1/4	25	24–11/16	10–1/8	6–1/8	1–9/16	1–7/16	16––1–1/8	12––3/4	22–3/4	23–1/4	6–5/8
20	16	16–7/8	27–1/2	27–3/32	10–1/4	6–1/4	1–11/16	1–1/2	20––1–1/8	14––3/4	25	25–1/2	6–3/4

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	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

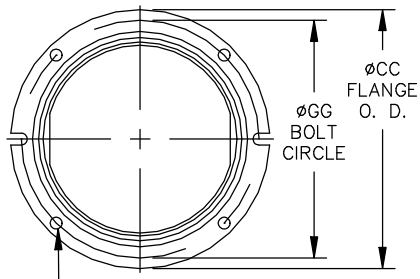


ACTUATOR POSITION 1



F = NO. & SIZE OF BOLTS
125# STANDARD LAYOUT
STRADDLE CENTERLINE
INCLUDES TAPPED HOLES

CAST STEEL BODIES 4" THRU 8"
& CAST IRON BODIES 18" & 20"
HAVE 4 TAPPED HOLES
"F" SIZE UNC–2B X "E" DEEP
PER FLANGE. 2 HOLES AT
TOP AND 2 HOLES AT BOTTOM

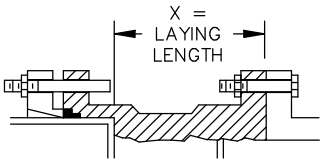


FF = NO. & SIZE OF BOLTS

VIEW A–A

NOTES:

1. ALL DIMENSIONS SHOWN IN INCHES.
2. "D" DIMENSION ±1/16" FOR 6" 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 FLANGE CONFORM TO THE AMERICAN CAST IRON FLANGE STANDARDS, CLASS 125 (B16.1).
5. DIMENSIONS AND DRILLING OF MECHANICAL JOINT END CONFORM TO ANSI/ AWWA C111/ A21.11.
6. VALVES MANUFACTURED & TESTED IN ACCORDANCE WITH AWWA SPECIFICATION C–504 LATEST REVISION, CLASS 150B.
7. 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.



INSTALLATION DIAGRAM
BOLTS, NUTS, GLANDS
AND GASKETS FURNISHED
BY OTHERS

REV.	DATE	BY	DESCRIPTION	APP.

PRATT® HENRY PRATT COMPANY
AURORA, ILL.

6"–20" GROUNDHOG VALVE
FLANGE X MECHANICAL JOINT ENDS
MDT BURIED SERVICE NUT

SCALE NONE DATE 5–18–05
DRAWN BY ES CHECKED BY
APPROVED GA=BORDER
DRWG. NO. GA–11425 REV 0 A/C