

4

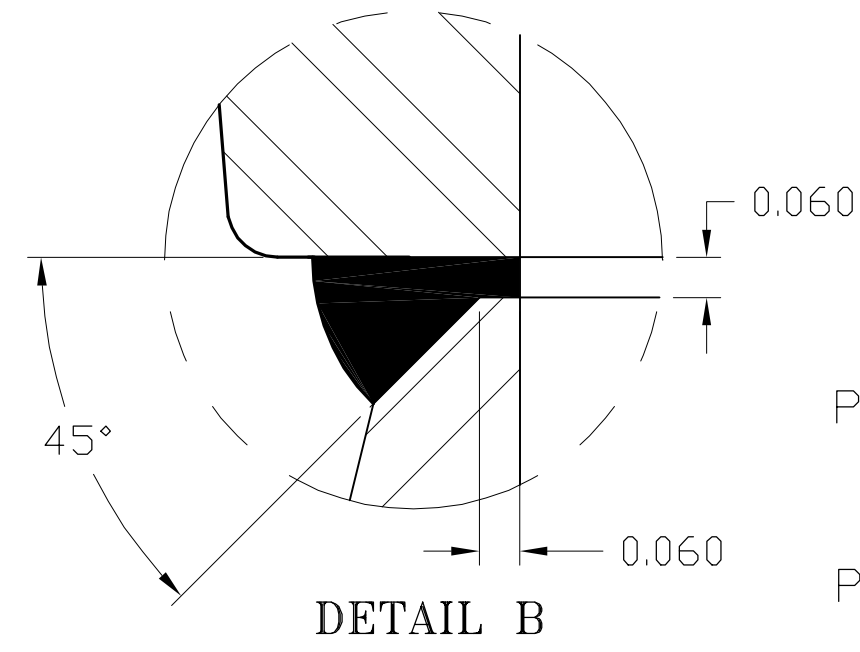
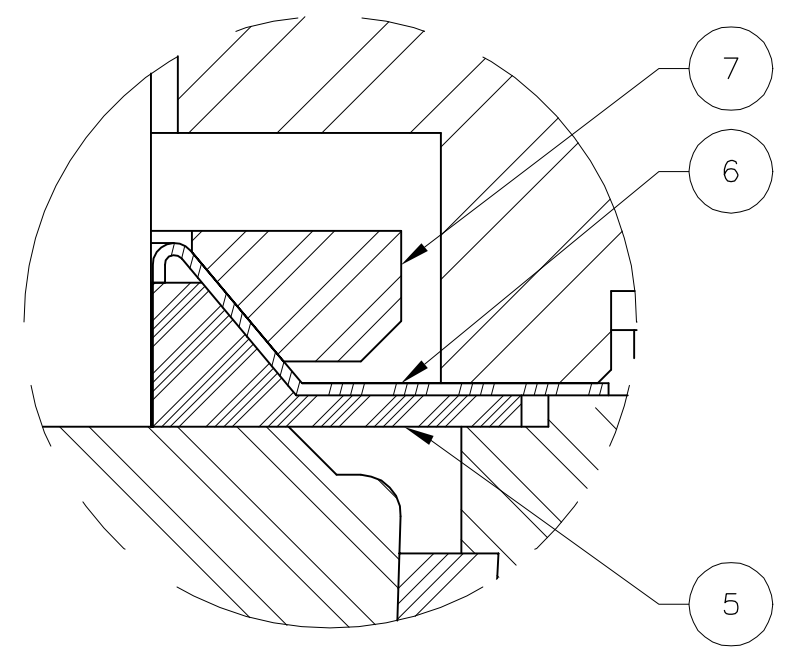
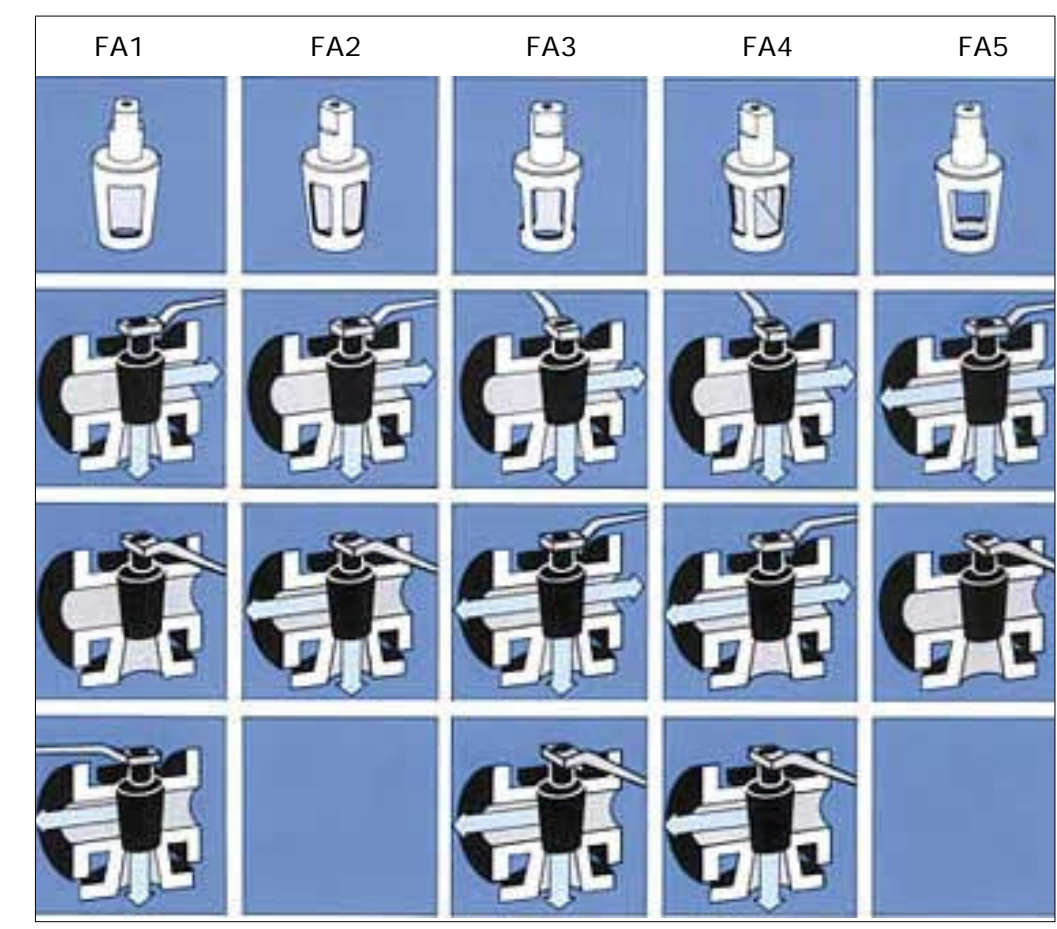
3

2

1

BILL OF MATERIAL

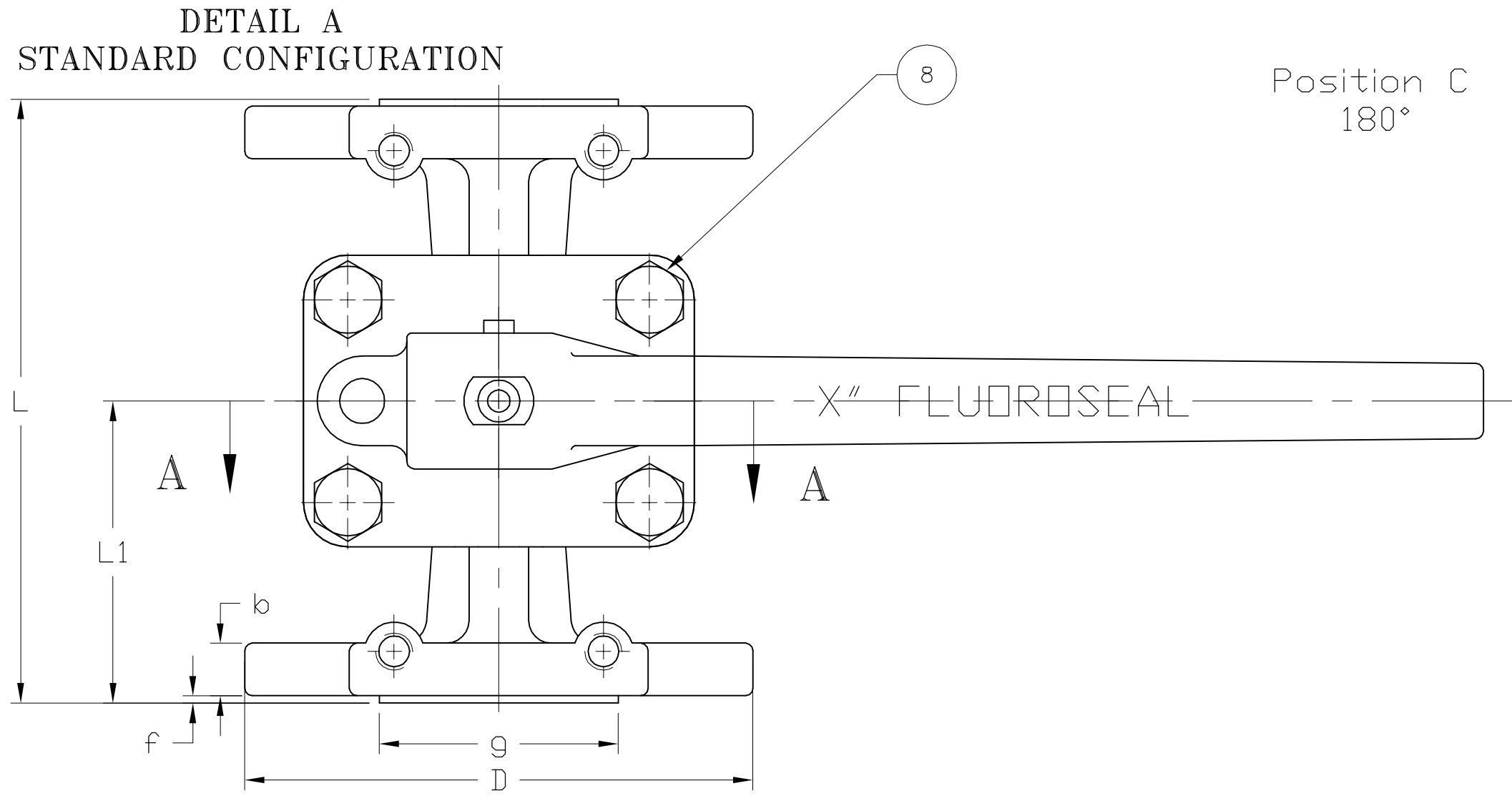
ITEM	QTY	DESCRIPTION
1	1	BODY
2	1	PLUG
3	1	COVER
4	1	SLEEVE
5	1	DELTA RING/ DIAPHRAGM COMBINED
6	1	METAL DIAPHRAGM
7	1	THRUST COLLAR
8	4	COVER BOLT
9	3	ADJUSTMENT BOLT (SEE NOTE 9)
10	1	FLUOROSEAL HANDLE/WRENCH
11	1	WRENCH BOLT
12	1	WELDING NECK FLANGE



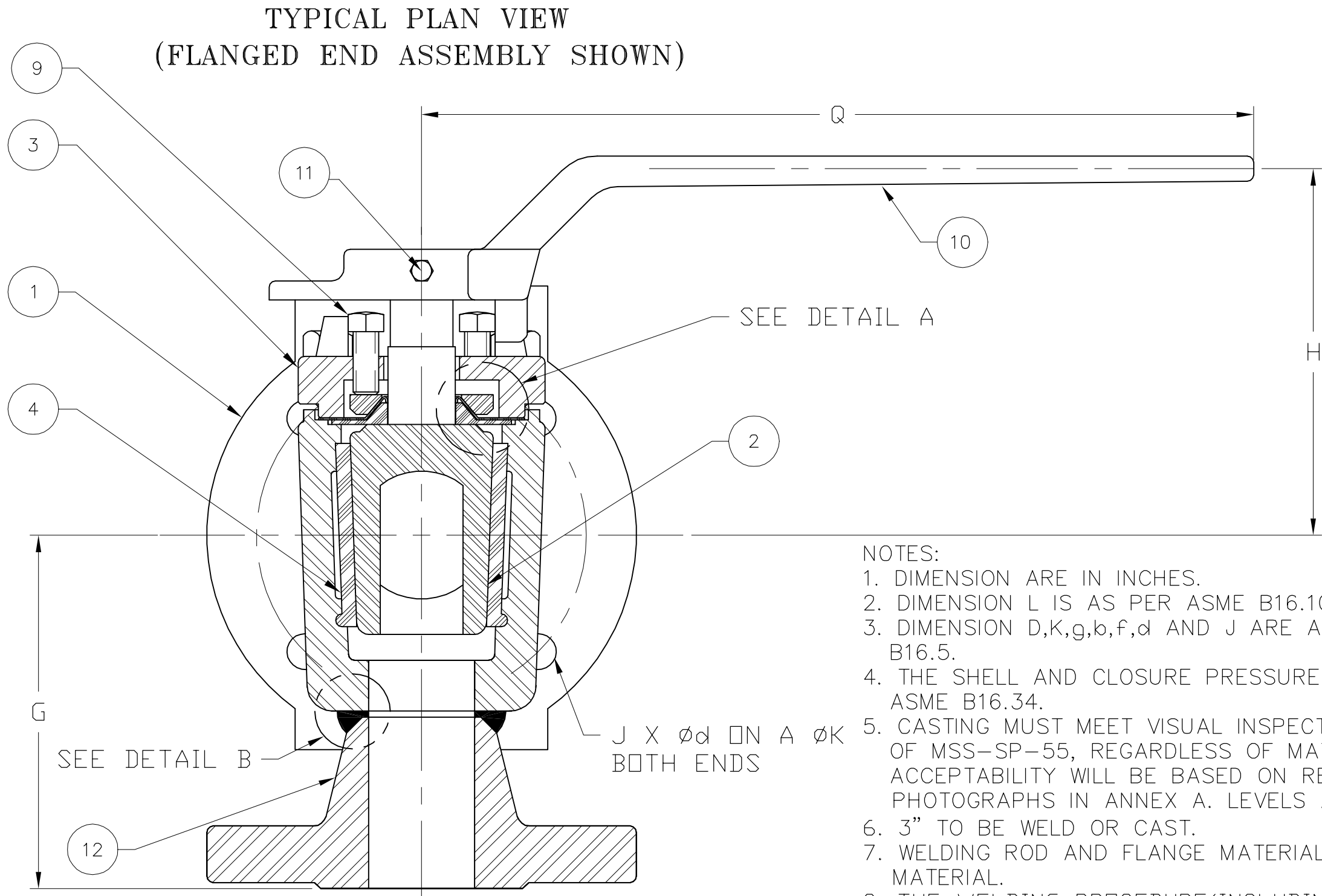
Position A
0°

Position B
90°

Position C
180°



TECHNICAL DATA													
SIZE	CLASS	L	H	D	K	g	b	f	d	J	Q	L1	G
1/2"	150	4.25	3.69	3.50	2.38	1.38	.38	.06	.63	4	8.00	2.12	2.75
3/4"	150	4.63	3.69	3.88	2.75	1.69	.41	.06	.63	4	8.00	2.31	2.88
1"	150	5.00	4.38	4.25	3.13	2.00	.44	.06	.63	4	9.00	2.50	3.5
1 1/2"	150	6.50	5.25	5.00	3.88	2.88	.56	.06	.63	4	14.25	3.25	4.13
2"	150	7.00	6.00	6.00	4.75	3.63	.63	.06	.75	4	16.50	3.50	4.5
2 1/2"	150	8.00	6.56	7.50	5.50	4.13	.75	.06	.75	4	16.50	4.00	5.13
3"	150	8.00	6.56	7.50	6.00	5.00	.75	.06	.75	4	16.50	4.00	5.13



TECHNICAL DATA													
SIZE	CLASS	L	H	D	K	g	b	f	d	J	Q	L1	G
1/2"	300	5.50	3.69	3.75	2.63	1.38	.56	.06	.63	4	8.00	2.75	2.88
3/4"	300	6.00	3.69	4.63	3.25	1.69	.63	.06	.75	4	8.00	3.00	3.0
1"	300	6.50	4.38	4.88	3.50	2.00	.69	.06	.75	4	9.00	3.25	3.75
1 1/2"	300	7.50	5.25	6.13	4.50	2.88	.81	.06	.88	4	14.25	3.75	4.38
2"	300	8.50	6.00	6.50	5.00	3.63	.88	.06	.75	8	16.50	4.25	4.75
2 1/2"	300	11.13	6.56	8.25	5.88	4.13	1.13	.06	.88	8	16.50	5.56	5.56
3"	300	11.13	6.56	8.25	6.63	5.00	1.13	.06	.88	8	16.50	5.56	5.56

- NOTES:
1. DIMENSION ARE IN INCHES.
 2. DIMENSION L IS AS PER ASME B16.10.
 3. DIMENSION D,K,g,b,f,d AND J ARE AS PER ASME B16.5.
 4. THE SHELL AND CLOSURE PRESSURE TESTS ARE AS PER ASME B16.34.
 5. CASTING MUST MEET VISUAL INSPECTION REQUIREMENTS OF MSS-SP-55, REGARDLESS OF MATERIAL, ACCEPTABILITY WILL BE BASED ON REFERENCE PHOTOGRAPHS IN ANNEX A. LEVELS A & B ARE ACCEPTABLE
 6. 3" TO BE WELD OR CAST.
 7. WELDING ROD AND FLANGE MATERIAL TO BE SAME AS BODY MATERIAL.
 8. THE WELDING PROCEDURE (INCLUDING HEAT TREATMENT) & PERFORMANCE TEST SHALL CONFORM TO THOSE SPECIFIED IN SECTION IX OF ASME CODE.
 9. BUSHING IS USED FOR 1/2" & 3/4" VALVE.

A	FULL PENETRATION WELDING ECN# - 0131	19/07/04	M.K	S.E.
REV	DESCRIPTION	DATE	DFTR	APVD
REVISION				

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TITLE: 1/2" - 3" 153F/303F STANDARD CONFIG. ASSEMBLY W/ WRENCH		
SIZE C	DWG NO. FPS-153-303-F-STD-05-11	REV A
DRAWN BY: S.CHEN	DATE: 19/07/2004	SCALE: N.T.S.
CHKD BY: S.ELFASHNY	DATE: 19/07/2004	SHEET: 1/1
THIRD ANGLE PROJECTION DO NOT SCALE DRAWING		