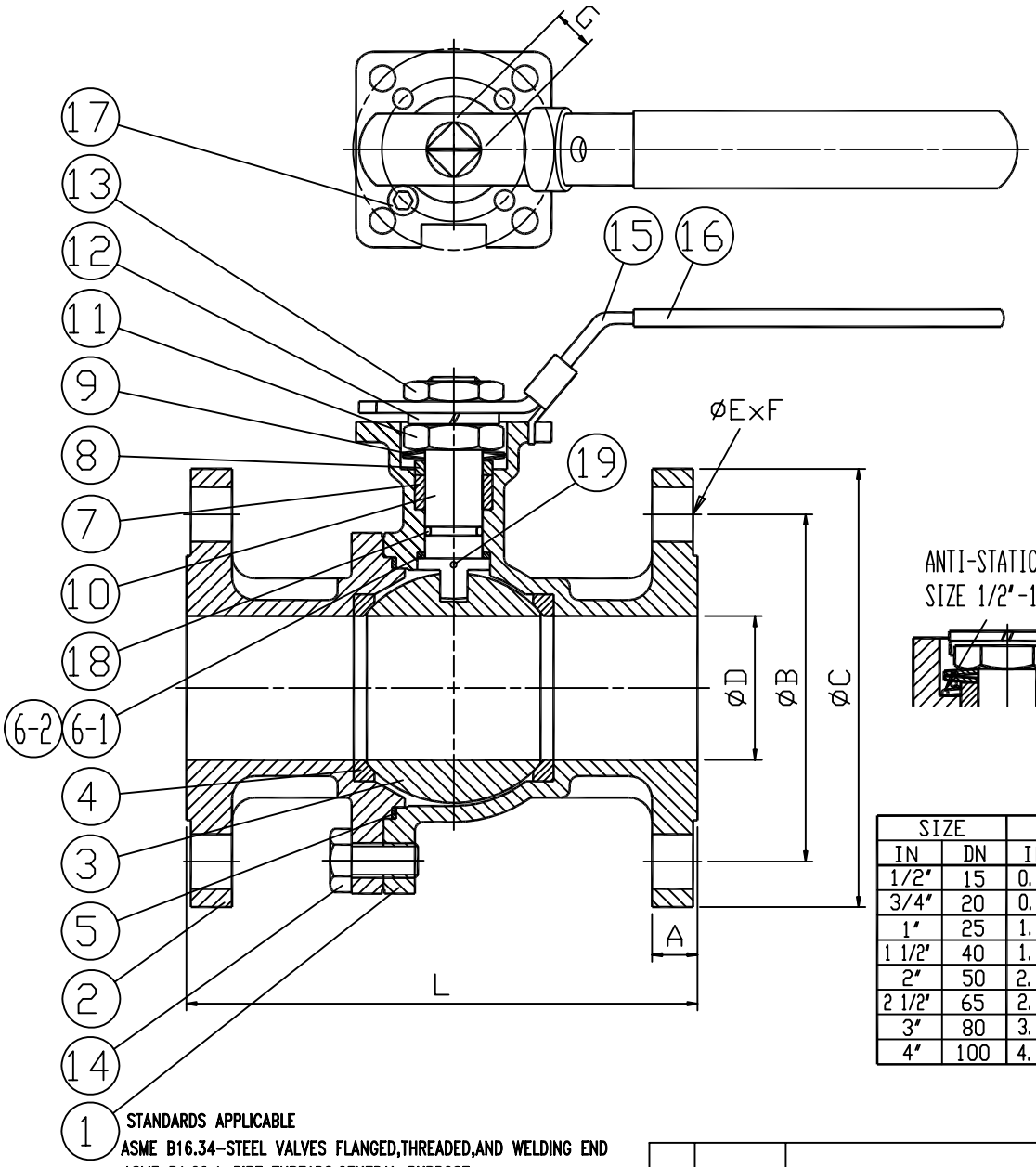
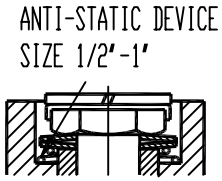
AF-51 1/2″ - 4″
2-PC Full Port Flanged Ball Valve
ANSI Class 150#
ISO 5211 Direct Mounting





ITEM	DESCRIPTION	STAINLESS STEEL	CARBON STEEL	Q'TY
1	BODY	ASTM A351 CF8M	ASTM A216 WCB	1
2	END CAP	ASTM A351 CF8M	ASTM A216 WCB	1
3	BALL	ASTM A351 CF8M/316		1
4	SEAT	PTFE		2
5	GASKET	PTFE		1
6-1	THRUST WASHER	PTFE		1
6-2		PTFE		1
7	STEM PACKING	PTFE		1
8	GLAND	AISI 304		1
9	BELLEVILLE WASHER	AISI 301		2
10	STEM	ASTM A276 316		1
11	PACKING NUT	AISI 304		1
12	SPRING WASHER	AISI 304		1
13	HANDLE NUT	AISI 304		1
14	BOLT	ASTM A193 B8	ASTM A193 B7	4-8
15	HANDLE	AISI 304	ZINC PLATED STEEL	1
16	HANDLE GRIP	VINIL PLASTISOL		1
17	STOPPOER NUT	AISI 304	CARBON STEEL	1
18	O-RING	VITON		1
19	ANTI-STATIC DRVICE	ANSI 304		1-2

SIZE		ØD		L		A		ØB		ØC		E		F	ISO 5211
IN	DN	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM	IN	MM		
1/2″	15	0.50	12.7	4.25	108.0	0.44	11.2	2.38	60.5	3.50	88.9	0.62	15.8	4	F03-F04
3/4″	20	0.75	19.1	4.62	117.0			2.75	69.9	3.88	98.6				
1″	25	1.00	25.4	5.00	127.0			3.12	79.2	4.25	108.0				F04-F05
1 1/2″	40	1.50	38.1	6.50	165.0	0.56	14.2	3.88	98.6	5.00	127.0				F05-F07
2″	50	2.00	50.8	7.00	178.0	0.62	15.8	4.75	120.7	6.00	152.4				
2 1/2″	65	2.50	63.5	7.50	191.0	0.69	17.5	5.50	139.7	7.00	177.8	0.75	19.1		F07-F10
3″	80	3.00	76.2	8.00	203.0	0.75	19.1	6.00	152.4	7.50	190.5				
4″	100	4.00	101.6	9.00	229.0	0.94	23.9	7.50	190.5	9.00	228.6			8	F10-F12

STANDARDS APPLICABLE

ASME B16.34-STEEL VALVES FLANGED,THREADED,AND WELDING END
ASME B1.20.1-PIPE THREADS,GENERAL PURPOSE
ASME B16.10-FACE TO FACE&END TO END DIMENSIONS OF VALVES
API 598-VALVE INSPECTION AND TESTING
MSS SP72-BALL VALVES WITH FLANGED OR BUTT WELDING ENDS FOR GENERAL SERVICES
MSS SP25-STANDARD MARKING SYSTEM FOR VALVES FITTINGS, FLANGES AND UNIONS

REV	DATE	DESCRIPTION	CODE	REVISER	REMARKS
					1/2"~4" #150 2-PC Flanged

MATERIAL	APPROVE		CHECK		REV: F
	SCALE	FREE	UNIT	mm	DRAWN BY: Peggy
	PART NO	AF-51			DATE: 2006.08.29
OTHER	DWG NO	AF-51	TITLE		Q'TY: 2-PC FLANGD END BALL VALVE

Anson Flow Corp.