



NO.	PART NAME	MATERIAL		Q'TY
1	BODY	ASTM A351 Gr. CF8M	ASTM A216 Gr. WCB	1
2	END CAP	ASTM A351 Gr. CF8M	ASTM A216 Gr. WCB	1
3	BALL	ASTM A351 Gr. CF8M / ASTM A276 Gr. 316		1
4	SEAT	RPTFE		2
5	GASKET	PTFE		1
		GRAPHITE		1
6	THRUST WASHER	PTFE		1
		GRAPHITE		1
7	STEM PACKING	GRAPHITE		1
8	GLAND	SS304		1
9	BELLEVILLE WASHER	SS301		2
10	STEM	ASTM A276 Gr. 316		1
11	PACKING NUT	SS304		1
12	SPRING WASHER	SS304		1
13	HANDLE NUT	SS304		1
14	BOLT	ASTM A276 B8	ASTM A276 B7	4-8
15	HANDLE	SS304	ZINC PLATED STEEL	1
16	HANDLE SLEEVE	VINYL		1
17	STOP NUT	SS304	CARBON STEEL	1
18	LOCK SADDLE	SS304		1
19	O-RING	VITON		1

SIZE		ϕD		L		A		ϕB		ϕC		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				F04-F05
1"	25	1.00	25.4	5.00	127.0			3.12	79.2	4.25	108.0				F05-F07
1 1/2"	40	1.50	38.1	6.50	165.0	0.56	14.2	3.88	98.6	5.00	127.0	0.75	19.1		F07-F10
2"	50	2.00	50.8	7.00	178.0	0.62	15.8	4.75	120.7	6.00	152.4			F10-F12	
2 1/2"	65	2.50	63.5	7.50	191.0	0.69	17.5	5.50	139.7	7.00	177.8				
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	



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NO.	REASONS FOR CHANGE	DATE	REVISION	00	2PC ANSI 150 lbs FLANGE BALL VALVE			
			SCALE	Free	FULL BORE , API 607 & ISO 10497-5			
			UNIT	mm	SIZE	1/2"~4"	MODEL	F-GF1
			INSPECTED BY	David	MAT'L	ASTM A351 Gr. CF8M	TYPE	B
			DRAWN BY	Joanne	DATE	Aug. 10, 2012	FILE	ABFGF1-xxRxx-01-BRA