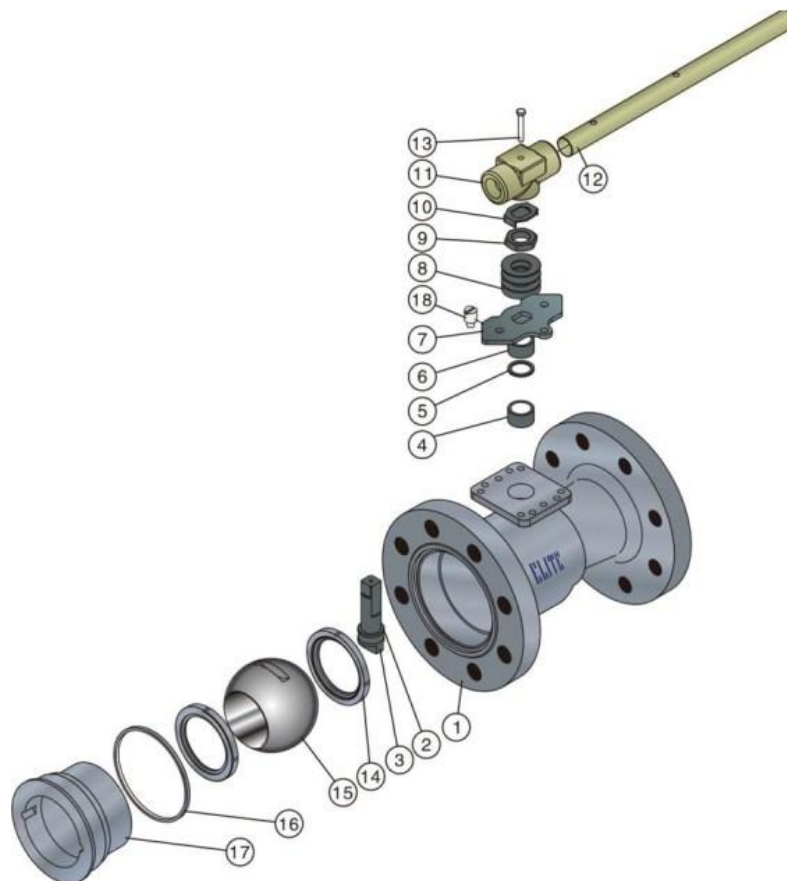


FLOATING TYPE (1PC)



Material

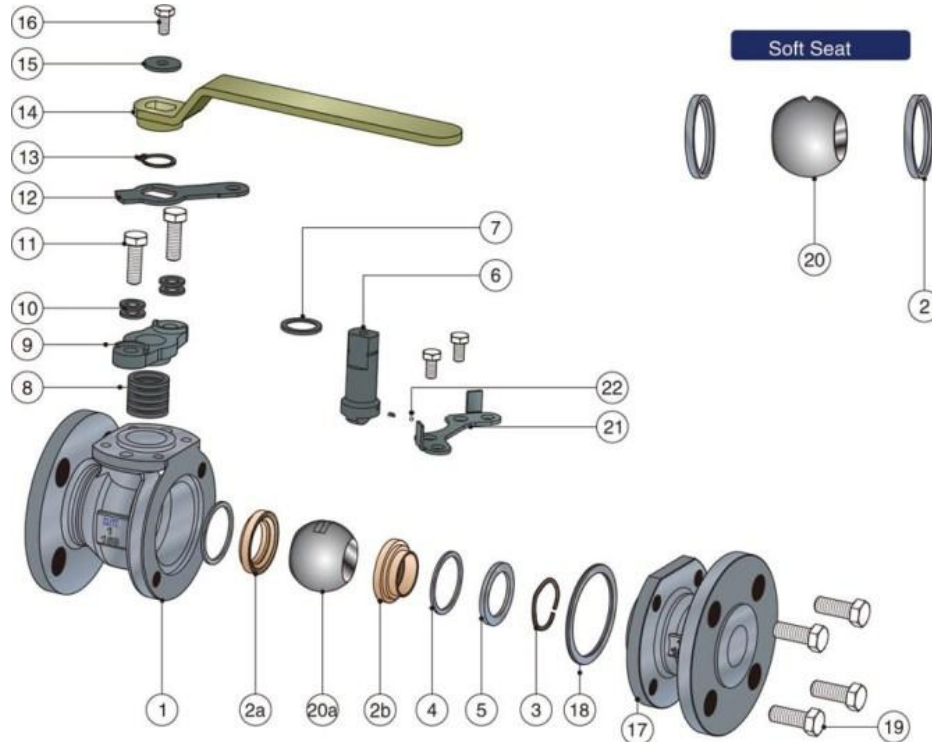
NO.	PART NAME	STANDARD MATERIALS			
		CARBON STEEL	ALLOY STEEL	STAINLESS STEEL	DUPLEX STEEL
1	BODY	A216 WCB	A217 WC6	A351 CF8M	A995 4A
2	THRUST BEARING	PTFE/RPTFE			
3	STEM	A182 F6a/F304/F316		A182 F316/17-4PH/F51	A182 F51/F53/F55
4	STEM PACKING	PTFE/FLEXIBLE GRAPHITE			
5	WASHER	STAINLESS STEEL			
6	GLAND FLANGE	SS410/SS304/SS316		SS316	
7	STOP PLATE	Q235+Zn			
8	BELLEVILLE SPRING	17-7PH/INCONEL 625			
9	GLAND NUT	A194 2H		A194 8/8M	
10	LOCK TAB	STAINLESS STEEL			
11	WRENCH BLOCK	ASTM A216 WCB			
12	HANDLE PIPE	CARBON STEEL+Zn			
13	HANDLE BOLT	A193 B7		A193 B8/B8M	
14	SEAT	PTFE/RPTFE/DEVLOX/DERLIN/PEEK			
15	BALL	A105+ENP/A182 F6a/F304/F316		A182 F316/F51	A182 F51/F53/F55
16	BODY GASKET	PTFE/ SS+PTFE/SS+GRAPHITE			
17	END CAP	A105	A182 F11	A182 F316	A182 F51
18	STOP PIN	300 SERIES STAINLESS STEEL			

The material is according to ASTM Standard.

Model Denote:EFC=Elite Flow Control | 1/2=Size in inch | BV=Ball Valve | 1=150Lb | R=RF End | 1=Floating, Split Body.

MODEL NO.:EFC-1/2BV1R1
Size:1/2" ~ 6" (DN15 ~ DN150)
Class:CL150 ~ CL2500

FLOATING TYPE (2PC)



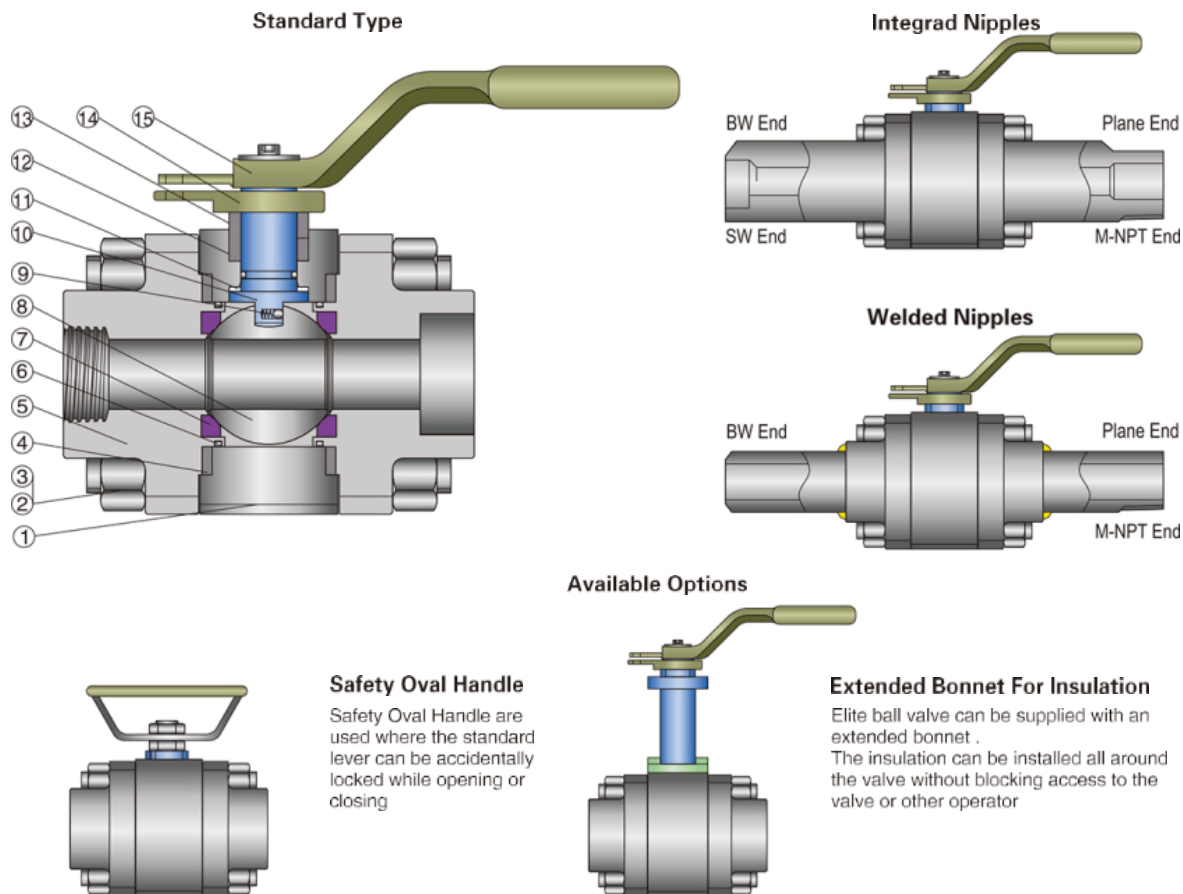
Material

NO.	PART NAME	STANDARD MATERIALS			
		CARBON STEEL	ALLOY STEEL	STAINLESS STEEL	DUPLEX STEEL
1	BODY	A105/A216 WCB	A182 F11/A217 WC6	A182 F316/A351 CF8M	A182 F51/A995 4A
2	SEAT RING	PTFE/RPTFE/DEVLON/DERLIN/PEEK			
2a	SEAT RING	A182 F304+TCC/Ni55		A182 F316+TCC/Ni55	A182 F51+TCC/Ni55
2b	SEAT RING	A182 F304+TCC/Ni55		A182 F316+TCC/Ni55	A182 F51+TCC/Ni55
3	SEAT SPRING	17-7PH/INCONELX-750			
4	SEAT BACKUP SEAL	GRAPHITE			
5	RETAINER	SS304		SS316	A182 F51/F53/F55
6	STEM	A182 F6a/F304/F316		A182 F316/17-4PH/F51	A182 F51/F53/F55
7	THRUST BEARING	PTFE/RPTFE			
8	STEM PACKING	PTFE/FLEXIBLE GRAPHITE			
9	GLAND FLANGE	A216 WCB		A351 CF8/A351 CF8M	
10	BELLEVILLE SPRING	17-7PH/INCONEL 625			
11	GLAND BOLT	A193 B7	A193 B16	A193 B8/A193 B8M	
12	STOPPER	Q235+Zn			
13	SNAP RING	AISI 1065			
14	LEVER	A216 WCB			
15	LEVER WASHER	SS304/SS316			
16	LEVER SET BOLT	A193 B7	A193 B16	A193 B8/A193 B8M	
17	CLOSURE	A105/A216 WCB	A182 F11/A217 WC6	A182 F316/A351 CF8M	A182 F51/A995 4A
18	CLOSURE GASKET	PTFE/ SS+PTFE/SS+GRAPHITE			
19	CLOSURE BOLT	A193 B7	A193 B16	A193 B8/A193 B8M	
20	BALL	A105+ENP/A182 F6a/F304/F316		A182 F316/F51	A182 F51/F53/F55
20a	BALL	A182 F304+TCC/Ni60		A182 F316+TCC/Ni60	A182 F51+TCC/Ni60
21	LOCKING PLATE	Q235+Zn			
22	ANTI STATIC DEVICE	SS316			

The material is according to ASTM Standard.

Model Denote:EFC=Elite Flow Control | 1/2=Size in inch | BV=Ball Valve | 1=150Lb | R=RF End | 1=Floating, Split Body.

FLOATING TYPE (3PC)



Material

NO.	PART NAME	STANDARD MATERIALS			
		CARBON STEEL	ALLOY STEEL	STAINLESS STEEL	DUPLEX STEEL
1	BODY	A105	A182 F11	A182 F316	A182 F51
2	BOLT	A193 B7	A193 B16	A193 B8/A193 B8M	
3	NUT	A194 2H	A194 4	A194 8/A194 8M	
4	GASKET	SS+GRAPHITE/SS+PTFE			
5	BONNET	A105	A182 F11	A182 F316	A182 F51
6	O-RING	NBR/HNBR/VITON			
7	SEAT RING	PTFE/RPTFE/DEVLO/N/PPL/PEEK			
8	BALL	A105+ENP/A182 F6a/F304/F316/F51		A182 F316/F51	A182 F51/F53/F55
9	ANTISTATIC SPRING	SS316			
10	STEM	A182 F6a/F304/F316/17-4PH		A182 F316/17-4PH/F51	A182 F51/F53/F55
11	THRUST WASHER	PTFE/RPTFE			
12	PACKING	GRAPHITE/PTFE			
13	GLAND	A276 410/304/316		A276 316	
14	GLAND FLANGE	A216 WCB/A351 CF8		A351 CF8	
15	THE HANDLE	A216 WCB/1025+Zn			

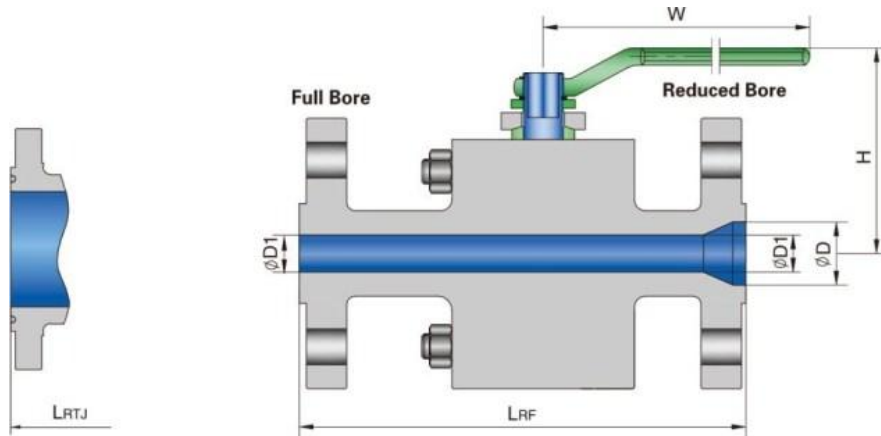
NOTE: Metal-to-metal seated ball valve designs are available upon request.

The material is according to ASTM Standard.

Model Denote:EFC=Elite Flow Control | 1/2=Size in inch | BV=Ball Valve | 8=800Lb | S=SW End | 1=Floating, Split Body.

FLOATING BALL VALVE

Dimension & Weights

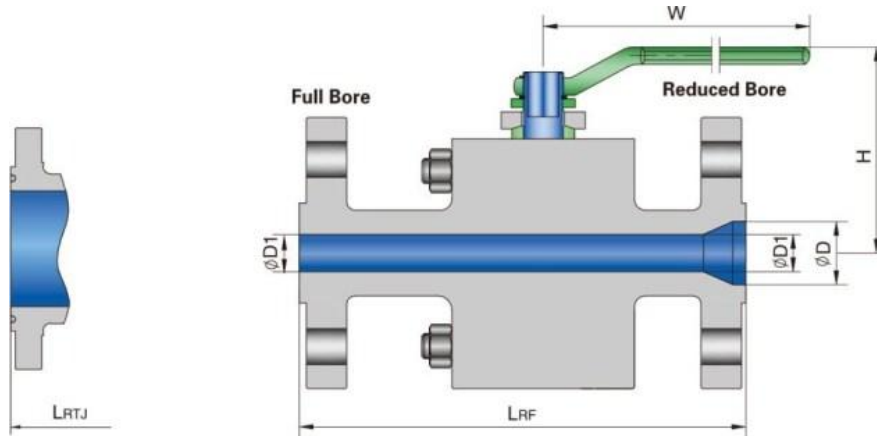


Full Bore

Nominal Pressure	Size		ϕD	$\phi D1$	L		W	H	Weight	
	NPS	DN			RF	RTJ			Lb	Kg
ASME 150	1/2"	15	13	13	108	—	160	76	4.4	2
	3/4"	20	19	19	117	—	200	108	7.0	3.2
	1"	25	25	25	127	140	200	111	10.1	4.6
	1 1/2"	40	38	38	165	178	260	130	15.9	7.2
	2"	50	49	49	178	191	260	160	24.2	11
	3"	80	74	74	203	216	400	184	50.6	23
	4"	100	100	100	229	242	700	203	83.6	38
ASME 300	6"	150	150	150	394	407	800	272	220	100
	1/2"	15	13	13	140	151	160	76	5.5	2.5
	3/4"	20	19	19	152	165	200	108	8.8	4.0
	1"	25	25	25	165	178	200	111	13.2	6.0
	1 1/2"	40	38	38	190	203	260	130	25.3	11.5
	2"	50	49	49	216	232	260	160	31.9	14.5
	3"	80	74	74	282	298	400	184	74.8	34
	4"	100	100	100	305	321	700	203	132	60

FLOATING BALL VALVE

Dimension & Weights

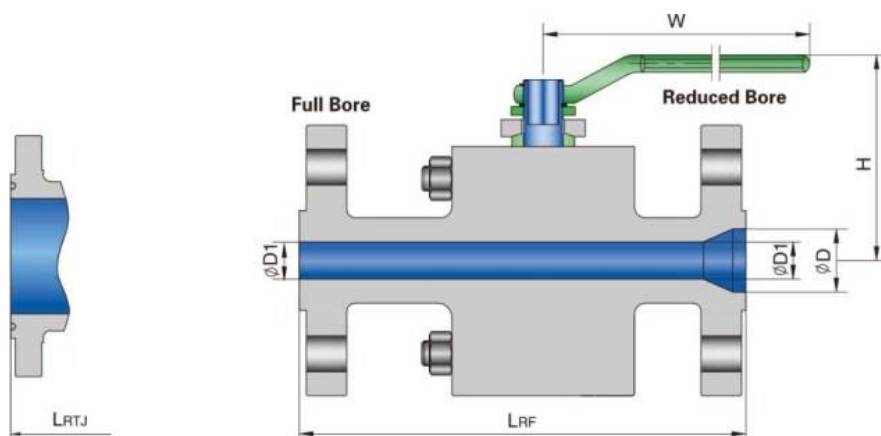


Full Bore

Nominal Pressure	Size		ϕD	$\phi D1$	L		W	H	Weight	
	NPS	DN			RF	RTJ			Lb	Kg
ASME 600	1/2"	15	13	13	165	163	165	80	9.9	4.5
	3/4"	20	19	19	190	190	200	105	13.2	6.0
	1"	25	25	25	216	216	200	110	17.6	8.0
	1 1/2"	40	38	38	241	241	260	130	35.3	16
	2"	50	49	49	292	295	360	140	48.5	22
	3"	80	74	74	356	359	450	185	99.2	45
ASME 900/1500	1/2"	15	13	13	216	216	200	100	15.6	7.1
	3/4"	20	19	19	229	229	200	110	23.1	10.5
	1"	25	25	25	254	254	260	125	38.6	17.5
	1 1/2"	40	38	38	305	305	360	158	63.4	29
	2"	50	49	49	368	371	360	165	83.8	38
ASME 2500	1/2"	15	13	13	264	264	200	100	22	10
	3/4"	20	19	19	273	273	200	110	30.9	14
	1"	25	25	25	308	308	260	125	44	20

FLOATING BALL VALVE

Dimension & Weights



Reduced Bore

Nominal Pressure	Size		ϕD	$\phi D1$	L		W	H	Weight	
	NPS	DN			RF	RTJ			Lb	Kg
ASME 150	1/2"	15	13	10	108	–	160	76	4.0	1.8
	3/4"	20	19	13	117	–	160	76	5.5	2.5
	1"	25	25	19	127	140	200	108	7.9	3.6
	1 1/2"	40	38	32	165	178	200	111	12.1	5.5
	2"	50	49	38	178	191	260	130	18.7	8.5
	3"	80	74	49	203	216	260	160	41.8	19
	4"	100	100	74	229	242	400	184	63.8	29
ASME 300	6"	150	150	100	394	407	700	203	154	70
	1/2"	15	13	10	140	151	160	76	4.8	2.2
	3/4"	20	19	13	152	165	160	76	7.3	3.3
	1"	25	25	19	165	178	200	108	11	5.0
	1 1/2"	32	38	32	190	203	200	111	20.3	9.2
	2"	50	49	38	216	232	260	130	28.6	13
	3"	80	74	49	282	298	260	160	59.4	27
	4"	100	100	74	305	321	400	184	99	45
	6"	150	150	100	403	419	700	203	176	80