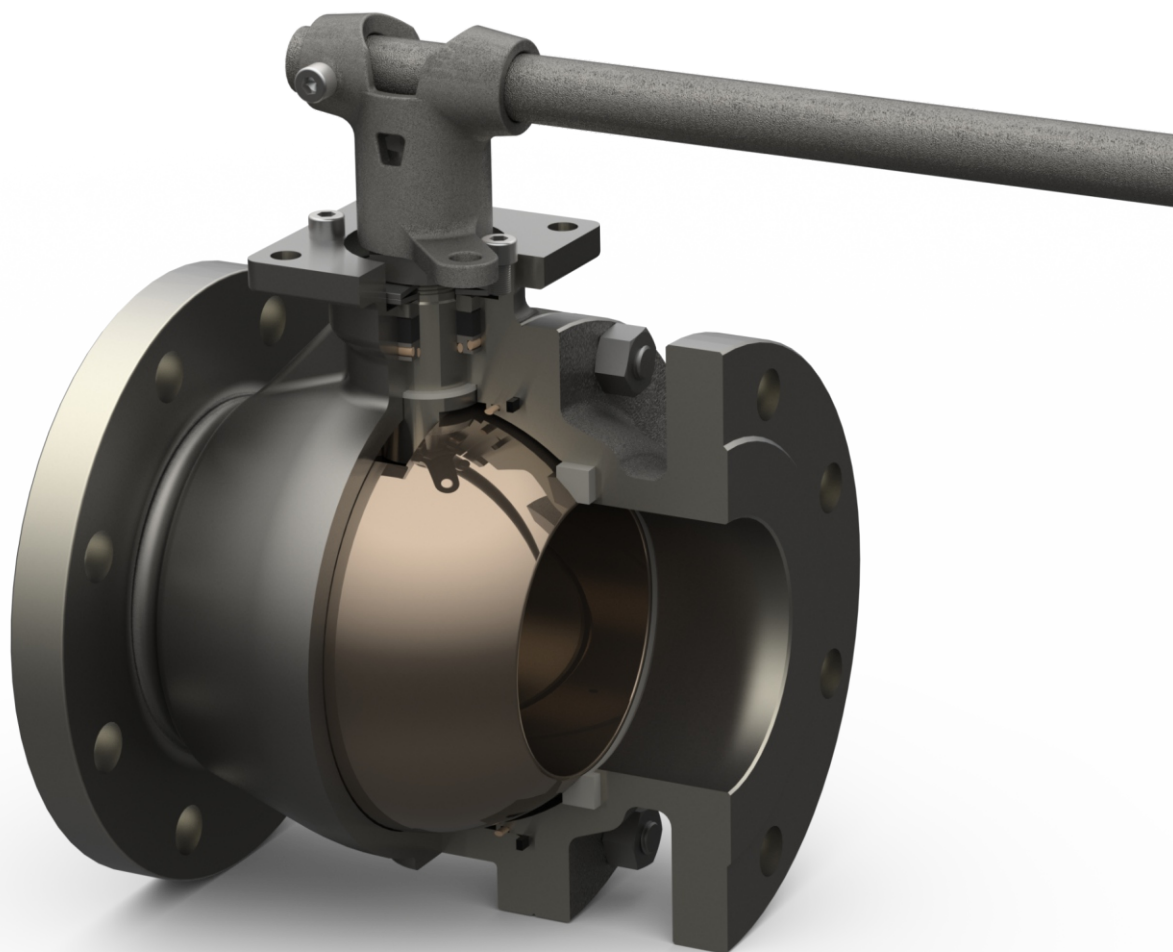


Series FC

Part number: C-FC-1504

2PC BODY CAST FLOATING BALL VALVE



Features:

Size: 1/2"~10"
Class: 150~300
Two Pieces Cast Steel Body
Floating Ball, Full & Reduced Bore
Anti-static Device
Blow-out Proof Stem
Fire Safe Design
Low Emission

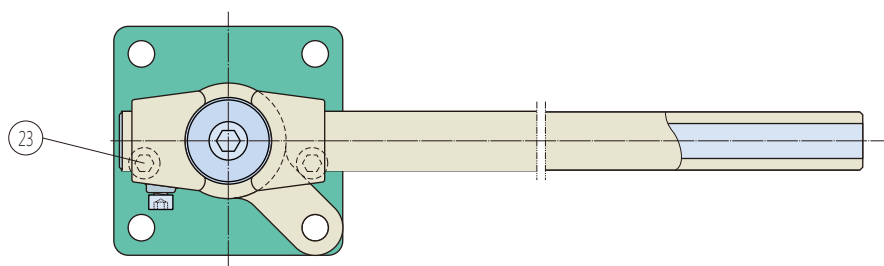
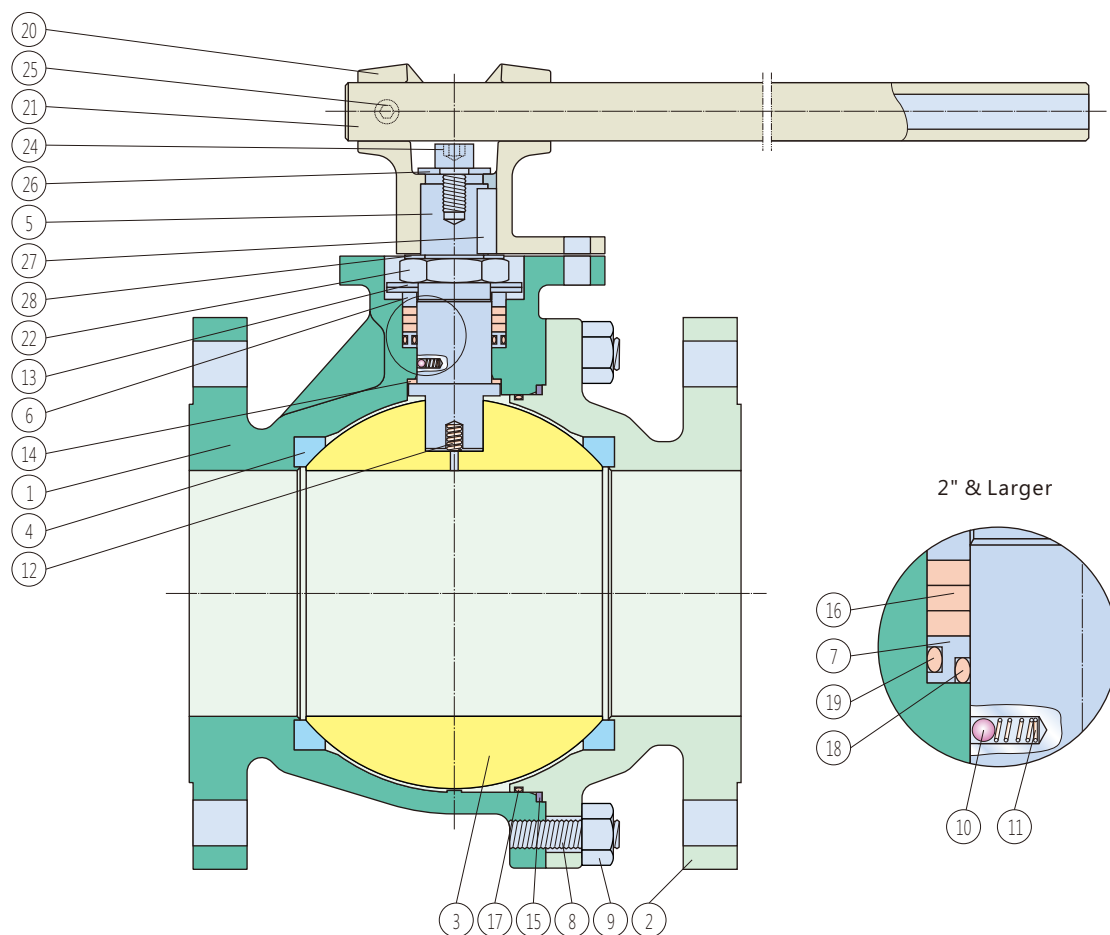
Specifications

Design	ASME B16.34/API6D/ BS EN ISO 17292(BS5351)
Face to Face	ASME B16.10
End to End	ASME B16.10
End Flange	ASME B16.5
BW End	ASME B16.25
Test	API 598/BS EN 12266(BS6755)
Fire Safe Test	API 607/API 6FA
Special	NACE MR0175

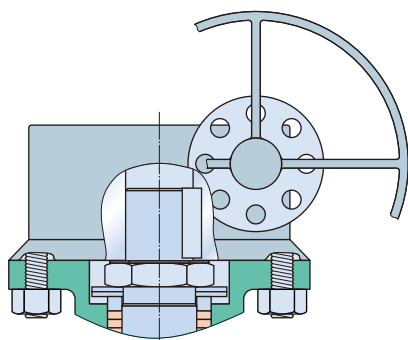
Series FC

2PC Body Cast Floating Ball Valve

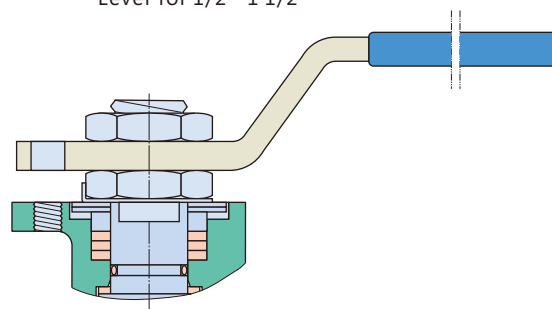
MATERIAL SPECIFICATIONS



Gear Standard for 6" & Larger



Lever for 1/2" - 1 1/2"



Series FC

2PC Body Cast Floating Ball Valve

MATERIAL SPECIFICATIONS

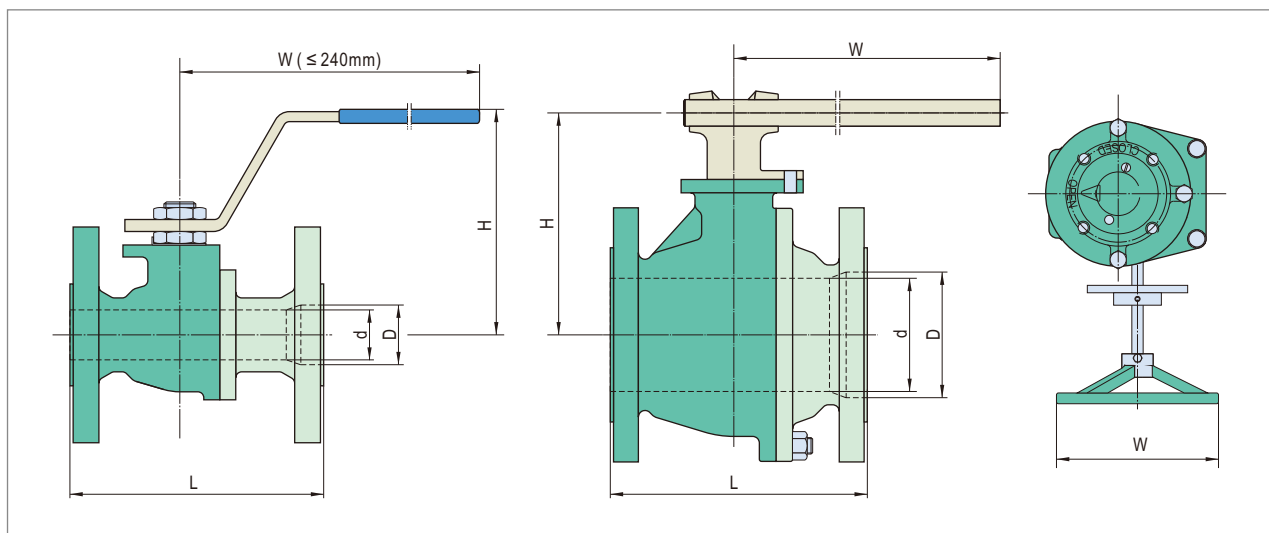
NO.	PART	WCB/ENP	WCB/316	CF8M/316	LCC/316 NACE
1	Body	ASTM A216-WCB	ASTM A216-WCB	ASTM A351-CF8M	ASTM A351-LCC
2	Adapter	ASTM A216-WCB	ASTM A216-WCB	ASTM A351-CF8M	ASTM A351-LCC
3	Ball	ASTM A105N/ENP	ASTM A182-F316	ASTM A182-F316	ASTM A182-F316
4	Seat Ring	PTFE	PTFE	PTFE	PTFE
5	Stem	AISI 4140/ENP	ASTM A182-F51	ASTM A182-F51	ASTM A182-F51
6	Gland Ring	ASTM A276-410	ASTM A276-316	ASTM A276-316	ASTM A276-316
7	O-ring Box(2"&Larger)	ASTM A276-410	ASTM A276-316	ASTM A276-316	ASTM A276-316
8	Body Stud	ASTM A193-B7	ASTM A193-B7	ASTM A193-B8	ASTM A320-L7M
9	Body Nut	ASTM A194-2H	ASTM A194-2H	ASTM A194-8	ASTM A194-7M
10	Steel Ball	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
11	Antistatic Spring	Inconel X-750	Inconel X-750	Inconel X-750	Inconel X-750
12	Antistatic Spring	Inconel X-750	Inconel X-750	Inconel X-750	Inconel X-750
13	Dish Spring	Alloy Steel	Alloy Steel	Alloy Steel	Alloy Steel
14	Thrust Washer	PTFE	PTFE	PTFE	PTFE
15	*Gasket	Graphite	Graphite	Graphite	Graphite
16	*Packing	Graphite	Graphite	Graphite	Graphite
17	*O-ring	Viton	Viton	Viton	Viton
18	*O-ring	Viton	Viton	Viton	Viton
19	*O-ring (2" & larger)	Viton	Viton	Viton	Viton
20	Lever Head	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
21	Lever Pipe	Carbon Steel Zinc Plated	Carbon Steel Zinc Plated	Carbon Steel Zinc Plated	Carbon Steel Zinc Plated
22	Nut	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
23	Position Screw	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
24	Screw	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
25	Screw	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
26	Washer	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
27	Key	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
28	** Retainer	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel

* Recommended Spare Parts
 ** Locking Washers for 1/2~1-1/2 Retainer for 2&Larger

Series FC

2PC Body Cast Floating Ball Valve

DIMENSIONS AND WEIGHT



Full Bore			Class 150			
Size in	d mm	L mm	H mm	W mm	Weight Kg	
1/2	13	108	85	160	2	
3/4	19	117	93	160	2	
1	25	127	112	180	4	
1-1/2	38	165	132	240	6	
2	51	178	138	350	12	
2-1/2	62	191	155	400	15	
3	76	203	175	400	24	
4	102	229	200	450	36	
5	125	356	246	650	58	
6	152	394	263	*300	94	
8	203	457	299	*400	115	
10	254	533	343	*400	282	
12	303	610	409	*600		

Reduce Bore			Class 150			
Size in	d mm	D mm	L mm	H mm	W mm	Weight Kg
3/4*1/2	13	19	117	85	160	2.5
1*3/4	19	25	127	93	160	4.0
1-1/2*1	25	38	165	112	180	6.2
2*1-1/2	38	51	178	132	240	8.5
2-1/2*2	51	62	191	138	350	13
3*2	51	76	203	138	350	16
4*3	76	102	229	175	400	26
6*4	102	152	394	200	450	55
8*6	152	203	457	263	*300	83
10*8	203	254	533	299	*400	122

Full Bore			Class 300			
Size in	d mm	L mm	H mm	W mm	Weight Kg	
1/2	13	140	85	160	2.5	
3/4	19	152	93	160	4	
1	25	165	112	180	5	
1-1/2	38	190	132	240	10	
2	51	216	138	400	13.5	
2-1/2	62	241	155	400	21	
3	76	283	175	450	30	
4	102	305	200	500	50	
5	125	381	246	550	65	
6	152	403	263	*300	122	
8	203	502	299	*400	150	
10	254	568	501	*400	230	

Reduce Bore			Class 300			
Size in	d mm	D mm	L mm	H mm	W mm	Weight Kg
3/4*1/2	13	19	152	85	160	2.5
1*3/4	19	25	165	93	160	3.5
1-1/2*1	25	38	190	112	180	8.0
2*1-1/2	38	51	216	132	240	12
2-1/2*2	51	62	241	138	400	19
3*2	51	76	283	138	400	22
4*3	76	102	305	175	450	38
6*4	102	152	403	200	500	75
8*6	152	203	502	263	*300	130
10*8	203	254	568	299	*400	200

* Gear operated