

# 2 PC / 3 PC FLANGE END BALL VALVE



2 Pc Design



3 Pc Design

## PRODUCT RANGE

<b>Size</b>	15 mm - 300 mm
<b>Material</b>	Cast Iron Cast Steel - ASTM A216 Gr. WCB S304 - ASTM A351 Gr. CF8 SS316 - ASTM A351 Gr. CF8M
<b>End Connection</b>	Flange End ASA 150# / 300# / BS 10 Tab F

## APPLICABLE STANDARDS

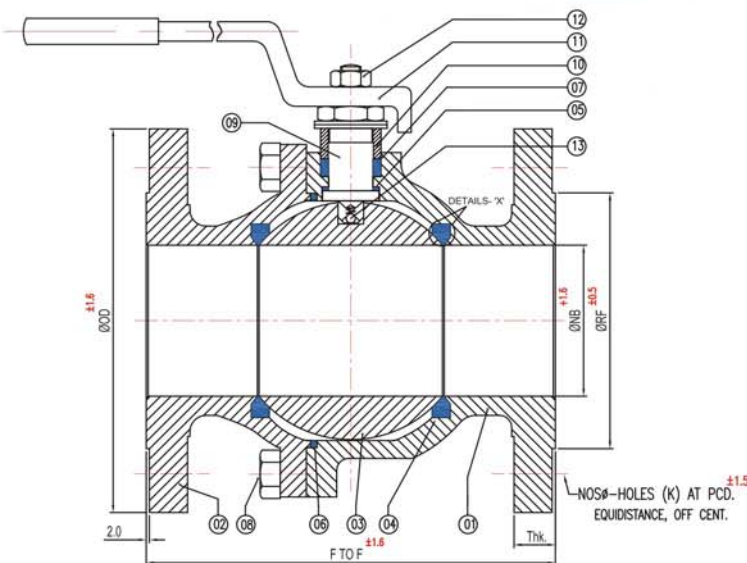
<b>Design Standard</b>	BS 5351 / EN ISO 17292
<b>Face to Face</b>	ASME B16.10
<b>Flange Dimensions</b>	ASME B16.5, RF
<b>Testing Standard</b>	API 598 / BS 6755 -I
<b>Pressure Temp Rating</b>	ASME B16.34
<b>Fire Safe</b>	API 607

## DESIGN FEATURES

- Full Port Design
- Blow-out Proof Stem
- Anti Static Device
- Investment Casting Body
- Floating Ball / Trunion Mounted
- Locking Arrangement
- Fire Safe Design
- ISO 5211 Mounting Pad

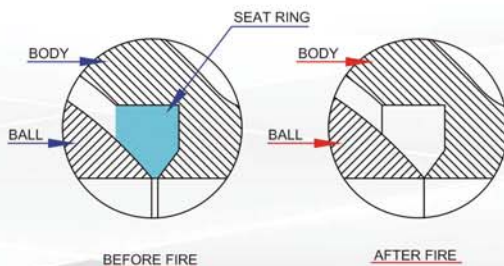
## AVAILABLE MODIFICATIONS

- Full Jacketed Ball Valve
- Partially Jacketed Ball Valve
- Flush Bottom Ball Valve
- Extended Stem Ball Valve
- SS304L / SS316L MOC
- Pneumatic / Electric Actuator



TEST PRESSURE			
Rating	Body	Seat	Pneumatic
150#	32 kg./cm <sup>2</sup>	23 kg./cm <sup>2</sup>	7 kg./cm <sup>2</sup>
300#	79 kg./cm <sup>2</sup>	58 kg./cm <sup>2</sup>	7 kg./cm <sup>2</sup>

P. NO.	PART NAME	MATERIAL		
		CAST STEEL	SS304	SS316
1	Body	A216 Gr. WCB	A351 GR. CF8	A351 Gr. CF8M
2	Side Piece	A216 Gr. WCB	A351 GR. CF8	A351 Gr. CF8M
3	Ball	SS 304 / CF8	SS 304 / CF8	SS 304 / CF8M
4	Seat Ring	PTFE / GFT / CFT		
5	Stem Ring	PTFE		
6	Body Gasket	PTFE		
7	Gland Packing	PTFE		
8	Stud & Nut	A 193 B7 -2H	SS 304	AI93 B8M-8M
9	Stem	AISI 304	AISI 304	AISI 316
10	Gland Bush	AISI 304	AISI 304	AISI 316
11	Handle	CS / SS	SS 304	SS 304
12	Handle Nut	MS / SS	SS	SS
13	Antistatic Device	SS 304	SS 304	SS 304



DETAILS- 'X'

2 Pc / 3 Pc BALL VALVE FLANGE ANSI 150#							
SIZE	NB	F-F Dist	ØD	ØRF	THK.	NOS ØH/DIA	PCD
15 mm	13	108	90	34.9	10	4-16	60.3
20 mm	19	117	100	42.9	11	4-16	70
25 mm	25	127	110	50.8	11.6	4-16	79.4
40 mm	38	165	125	73	14.7	4-16	98.4
50 mm	50	178	150	92.1	16.3	4-19	120.7
65 mm	64	190	180	104.8	17.9	4-19	139.7
80 mm	75	203	190	127	19.5	4-19	152.4
100 mm	100	229	230	157.2	24.3	8-19	190.5
150 mm G	150	267	280	215.9	25.9	8-22.2	241.3
200 mm G	201	292	345	269.9	29	8-22.2	298.5
250 mm G	250	533	405	324	30.6	12-25.4	362
300 mm G	300	610	485	381	32.2	12-25.4	431.8

(G : Gear Operated)