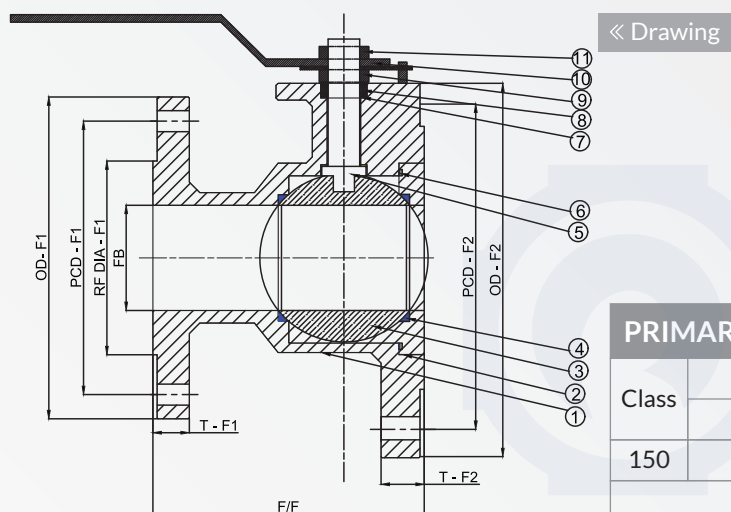
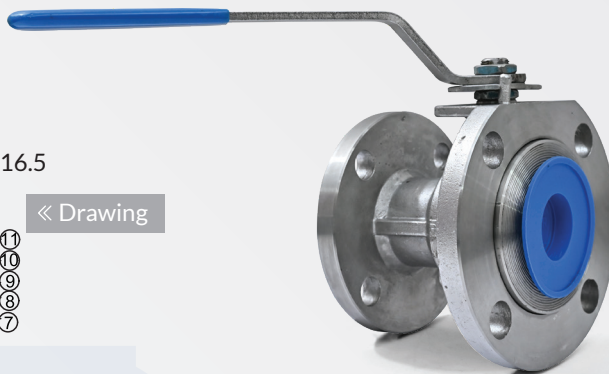


# I. C. Flush Bottom Ball Valves

## FLUSH BOTTOM

### Technical Data

Design & Manufacturing Std: BS 5351 / API 6 D  
 Testing & inspection Std: API 598 / BS 5146  
 Face To Face: As per ANSI B 16.11  
 End Connections: Flange as per ANSI B 16.5



PRIMARY SERVICE RATING & TEST PRESSURE			
Class	Hydro Test Pressure		Max. Temp.
	Body	Seat	
150	425 PSI	300 PSI	180°C
Air Test - Seat 80 PSI ± PSI			

Sr. No.	Size (mm) F1x F2	FLANGE 1 DIMENSIONS								FLANGE 2 DIMENSIONS							
		FB	FF	O.D.	RF DIA	PCD	PCD Hole	No Hole	Flange Thickness	FB	FF	O.D.	RF DIA	PCD	PCD Hole	No Hole	Flange Thickness
1	25X40	25	79	108	50	79	16	4	11.5	25	79	126	73	98.5	16	4	13
2	40X50	38	109	126	72	98.5	16	4	15	38	109	150	91	121	19	4	17
3	50X80	50	123	152.5	90	121	19	4	17	50	123	190	125	152	19	4	19
4	80X100	75	157	190	127	152	19	4	19	75	157	229	157	191	19	8	20

S. N.	Parts Name	Material	Qty
01	Body	ASTM A 351 Gr. CF8/CF8M/CF3/CF3M	1
02	Body Nut	ASTM A 351 Gr. CF8/CF8M/CF3/CF3M	1
03	Ball	AISI 304/316/304 L/316 L	1
04	Seat Ring	PTFE/GFT	2
05	Stem	AISI 202/304/316/304 L/316 L	1
06	Body Sealant Ring	PTFE/GFT	1
07	Stem Seal	PTFE/GFT	2
08	Gland Bush	AISI 202/304/316/304 L/316 L	1
09	Gland Nut	AISI 202/304/316/304 L/316 L	1
10	Lever	M.S./S.S. 202/304/316	1
11	Lock Nut	AISI 202/304/316/304 L/316 L	1



Note: (1) All Dimension are in mm. (2) Tolerance  $\pm 3$  mm  
 (3) 45° Lever Operation also available  
 (4) 90° lever operation also available

Application

