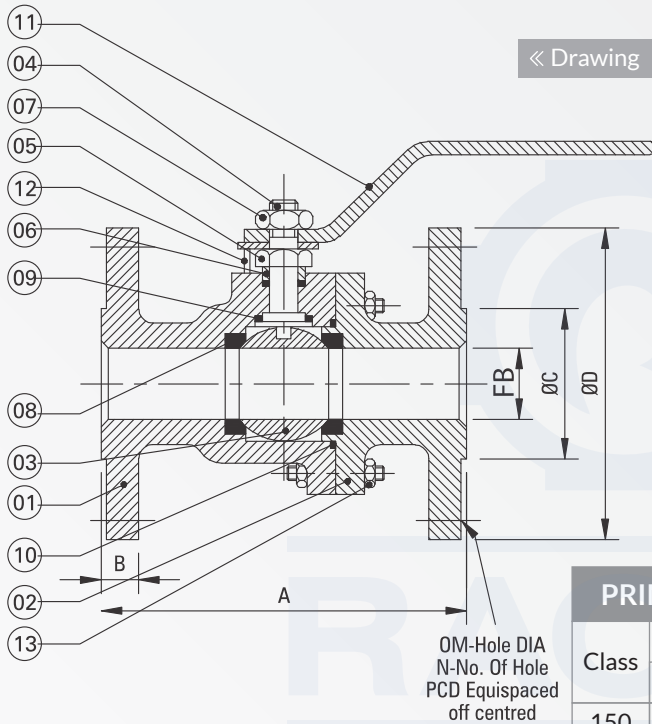


# I. C. Ball Valves Flange End

(TWO PIECE DESIGN)

### 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



« Drawing



### 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			

IC BALL VALVE 2PC F/E 150#								
Size	A	FB	ØD	ØC	PCD	B	ØM	N
15	108	12.5	89	33	60.5	10	16	4
20	117	19	99	42	70	11	16	4
25	127	25	107	51	79.5	12	16	4
40	164	38	126	73	98	14.5	16	4
50	177	50	151.5	92	121	16	19	4
65	190	63	175	105	140	17.5	19	4
80	203	75	191	127	152	18	19	4
100	231	101	230	157	190.5	19	19	8
125	253	125	253	182	216	24	22	8
150	267	150	280	213	241	26	22	8

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

Note: (1) All Dimension are in mm.  
 (2) Tolerance ± 3 mm  
 (3) 65 mm and Above  
 Lever Material will be MS

