

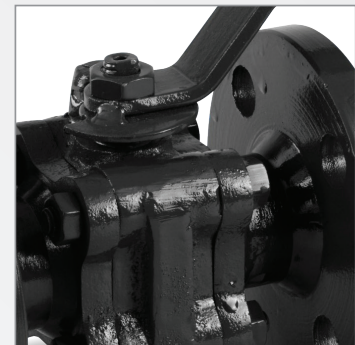
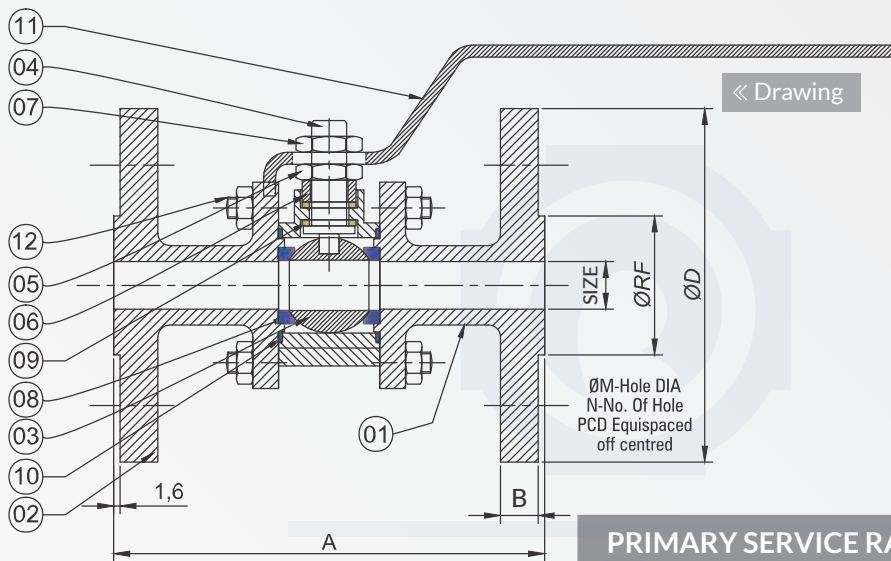
Cast Iron Ball Valves Flange End

(THREE 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



PRIMARY SERVICE RATING & TEST PRESSURE

Class	Hydro Test Pressure		Max. Temp.
	Body	Seat	
150	215 PSI	145 PSI	180°C

CLASS 150#							
Size	A	B	ØRF	ØD	ØM	N	PCD
Inch M.M.							
1/2"	15	108	10.0	35	89	16	4 60.4
3/4"	20	118	10.5	43	98	16	4 69.8
1"	25	127	11.0	51	108	16	4 79.2
1 1/4"	32	140	12.7	64	117	16	4 88.9
1 1/2"	40	165	14.2	73	127	16	4 98.5
2"	50	178	15.7	92	152	19	4 120.6
2 1/2"	65	191	17.5	105	178	19	4 139.7
3"	80	203	19.0	127	190	19	4 152.4
4"	100	229	24.0	157	229	19	8 190.5
6"	150	267	25.5	216	279	22	8 241.3
8"	200	292	29	270	343	22	8 298.4

S. N.	Parts Name	Material	Qty
01	Body	C. I.	1
02	Body Connector	C. I.	2
03	Ball	S.S. 202/304/316	1
04	Stem	S.S. 202/304/316	1
05	Gland Nut	M.S./S.S. 202/304/316	1
06	Gland Bush	M.S./S.S. 202/304/316	1
07	Lock Nut	M.S./S.S. 202/304/316	1
08	Seat Ring	PTFE	2
09	Stem Seal	PTFE	2
10	Body Sealant Ring	PTFE	1
11	Lever	M.S.	1
12	Stopper Pin	M.S.	1
13	Studs & Nuts	M.S.	-

Note: (1) All Dimension are in mm
 (2) Tolerance ± 3 mm
 (3) Square body design - upto 3",
 Round body design - 4" & above
 (4) 'E' / 'F' table also available