

BALL VALVE

Class 150 / 300

3 Piece Design
Flange end



Technical Data :

CONSTRUCTION : 3 Pc., FULL BORE,
BLOW-OUT PROOF STEM,
FLOATING BALL,
SOFT SEATED DESIGN BALL VALVE.

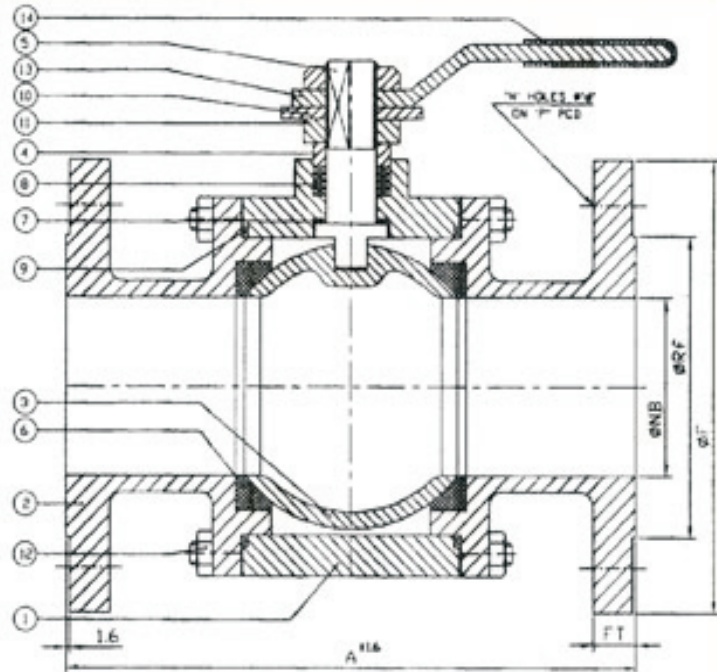
DESIGN & MFG. CODE : BS 5351

INSPECTION & TESTING : BS 6755 (I)

FACE TO FACE : ASME B 16.10

END CONNECTION : ANSI B 16.5 R/F

PRESSURE & TEMP. RATING : ASA 150# & 300#



P.No.	NOMENCLATURE	MATERIAL
1	BODY	C.I. / WCB / CF8 / CF8M
2	SIDE PIECE	C.I. / WCB / CF8 / CF8M
3	BALL	AISI 304/AISI316/CF8/CF8M
4	GLAND	AISI 304 / 316
5	STEM	AISI 304 / 316
6	BODY SEAT	PTFE
7	STEM SEAL	PTFE
8	GLAND PACKING	PTFE
9	BODY SEAL	PTFE
10	STOPPER PLATE	CARBON STEEL /SS
11	GLAND NUT	AISI 304 / AISI 316
12	STUD & NUT	CARBON STEEL /SS
13	LEVER	CARBON STEEL /SS
14	SLEEVE	PVC

CLASS 300

Size	∅NB	A	∅F	FT	∅Rf	'P'	∅'d'	'N'
25	25	165.1	124	17.5	51	88.9	19	4
40	38	190.5	155.5	20.6	73	114.3	19	4
50	50	216	165.1	22.2	92	127	22.2	8
65	63	241.3	190.5	25.4	105	149.4	22.2	8
80	75	282.4	209.5	28.6	127	168.1	22.2	8
100	100	305	254	31.8	157	200.1	22.2	8
150	150	403.3	317.5	36.6	216	269.8	22.2	12
200	200	419	381	41.2	270	330.2	25.4	12
250	250	457	444.5	47.8	324	387.4	28.6	16
300	300	348	520.7	50.8	381	450.9	31.8	16

CLASS 150

Size	∅NB	A	∅F	FT	∅Rf	'P'	∅'d'	'N'
15	12.5	108	88.9	9.7	35	60.5	16	4
20	17	117.5	98.5	10.5	43	69.9	16	4
25	25	127	108	11.2	51	79.2	16	4
40	38	165	127	14.3	73	98.5	16	4
50	50	178	152.4	15.9	92	120.6	19	4
65	63	190.5	178	17.5	105	139.7	19	4
80	75	203	190.5	19.1	127	152.4	19	4
100	100	229	228.6	23.9	157	190.5	19	8
125	125	254	254	23.9	186	215.9	22.2	8
150	150	267	279.4	25.4	316	241.3	22.2	8
200	200	292	343	28.6	270	298.5	22.2	8

SERVICE RATING

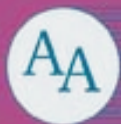
Class	Working Press.	Working Press.		
		Body	Seat	Temp.
150	150 PSI	425 PSI	300 PSI	500°F
300	300 PSI	1100 PSI	750 PSI	850°F

AVAILABLE OPTION :

- Special materials on request
- Actuator operated
- Valve design provides for interchangeability of trims.
- Impregnated PTFE
- Sealing material can be given in grafoil
- FEP / PFA Lined

* All dimensions are in m.m.

"Apex" make



APEX ASSOCIATES

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