



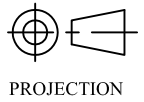
FLUIDCHEM VALVES (I) Pvt. Ltd.

ISO 9001 - 2008 COMPANY

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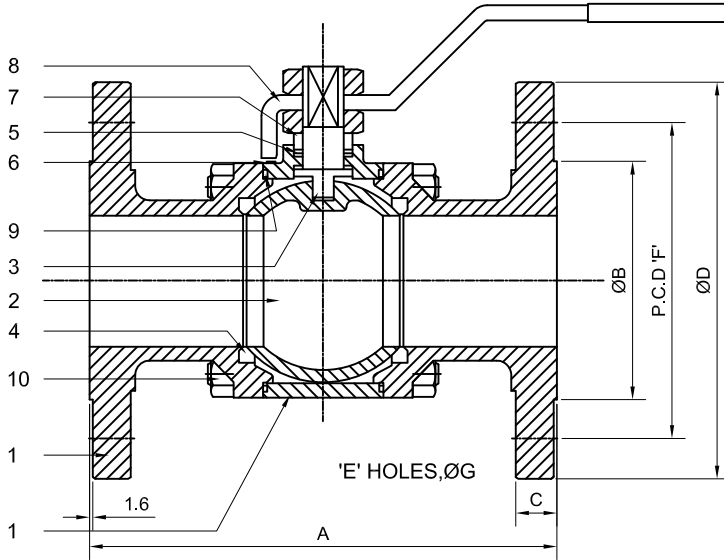
DRN
 NAVED HAVA

DATE
 28-02-15



TITLE.
 3PC BALL VALVE 150#,300#,600#

DRAWING NO.
FVIL/FBL/25-200



SR.NO.	PART NAME	MATERIAL			
1	BODY & BODYCONNECTOR	A216-WCB	A351-CF8	A351-CF8M	
2	BALL	A216-WCB	A351-CF8	A351-CF8M	
3	STEM	A276-410	A276-304	A276-316	
4	SEAT RINGS	PTFE/R-PTFE(25% GLASS FILLED)			
5	PACKING	PTFE/R-PTFE(25% GLASS FILLED)			
6	THRUST WASHER	PTFE/R-PTFE(25% GLASS FILLED)			
7	GLAND & GLAND NUT	A216-WCB	A351-CF8	A351-CF8M	
8	HANDLE	MS/SS			
9	GASKET	PTFE/R-PTFE(25% GLASS FILLED)			
10	FASTENER	STUD	A193-B7	A193-B8	A193-B8M
		NUTS	A194-2H	A194-8	A194-8M

TESTING PRESSURE RATING	HYDROSTATIC SHELL TEST	HYDROSTATIC SEAT TEST
	kg/CM ²	kg/CM ²
150#	31.5	22
300#	79	58
600#	157.5	114

NOTE :- ALL DIM. ARE IN MM

DIMENSION TABLE 150#

SIZE MM	A	ØB	C	D	E	F	G
25	127	51	11	108	4	79	16
40	165	73	14	127	4	98	16
50	178	92	16	152	4	121	19
65	190	105	17	178	4	140	19
80	203	127	19	190	4	152	19
100	229	157	24	229	8	190	19
125	254	186	24	254	8	216	22
150	267	216	25	279	8	241	22
200	292	270	29	343	8	298	22

DIMENSION TABLE 300#

SIZE MM	A	ØB	C	D	E	F	G
25	165	51	17.5	124	4	89	19
40	191	73	21	156	4	114	22
50	216	92	22	165	8	127	22
65	241	105	25	190	8	149	22
80	282	127	29	209	8	168	22
100	305	157	32	254	8	200	22
125	381	186	35	279	8	235	22
150	403	216	37	318	12	270	22

DIMENSION TABLE 600#

SIZE MM	A	ØB	C	D	E	F	G
25	216	51	23.8	124	4	89	19
40	241	73	28.6	156	4	114.3	22
50	292	92	31.7	165	8	127	22
65	330	105	34.8	190	8	149	22
80	356	127	38.1	209	8	168	22
100	432	157	44.5	273	8	216	25.4

- 1) GENERAL DESIGN :- BS 5351
- 2) TESTING :- BS 6755 (PART-1)
- 3) TYPE :- 3 PIECE, FLANGED & FLOATING BALL.
- 4) RATING :- CLASS 150,300,600
- 5) FACE TO FACE :- ASME B 16.10
- 6) PRESSURE & TEMPERATURE RATING :- ASME B 16.34 (STANDARD CLASS)
- 7) FLANGE STANDARD CONFORMITY :- ASME B 16.5

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