

MATERIAL OF CONSTRUCTION

BILLS OF MATERIAL			
12	FULLTHRED STUD 2 HEAVY UNITS	A193-B7/ A194-2H	A193-B6/A193-B8M/ A194-8
11	GASKET	SS+GRAPHITE FILLED	
10	HINGE PIN	A276-410	A276-CFB A276-316
9	SPLIT PIN	A276-304	A276-CFB A276-316
8	WASHER	A276-304	A276-CFB A276-316
7	DISC NUT	A276-304	A276-CFB A276-316
6	DISC	A216+13%CR	A351-CFB A351-CF8M
5	SEAT RING	A216+13%CR	A351-CFB A351-CF8M
4	BEARING BRACKET	A276-304	A276-CFB A276-316
3	HING (DISC CARRIER)	A276-304	A276-CFB A276-316
2	COVER	A216-WCB	A351-CFB A351-CF8M
1	BODY	A216-WCB	A351-CFB A351-CF8M
Sr. No.	DESCRIPTION	MATERIAL	

TESTING

PRESSURE RATING	HYDROSTATIC SHELL TEST	HYDROSTATIC SEAT TEST
150#	Kg/CM2 31	Kg/CM2 22
300#	78	56
600#	155	112

DIMENSION TABLE 150#

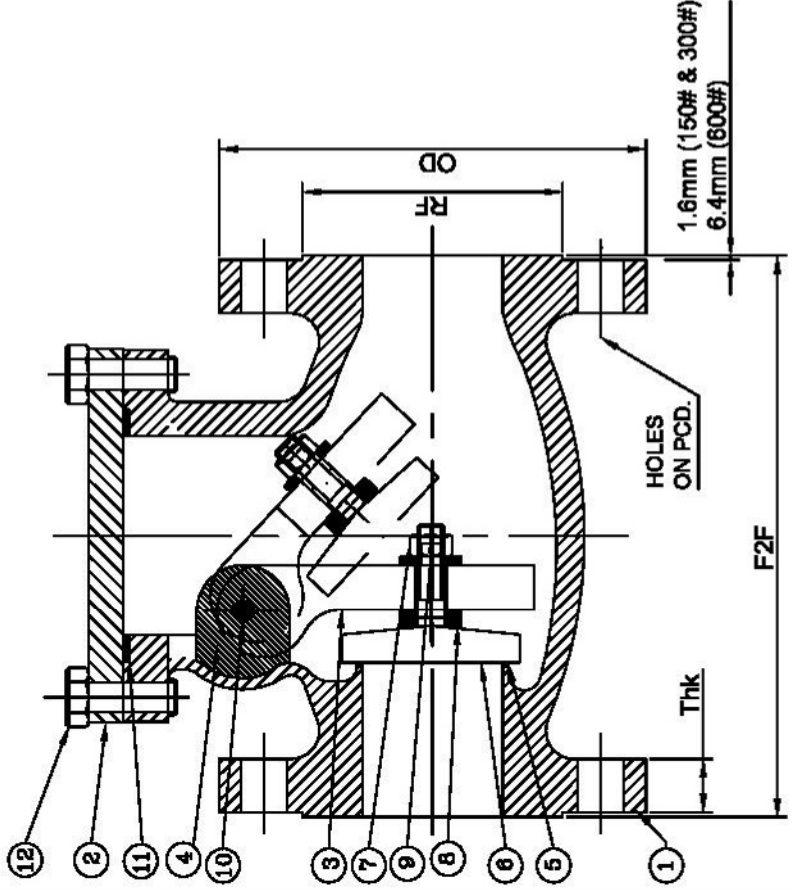
SIZE	F2F	OD	RF	THK,	PCD	HOLES
50	203	152.5	92	16	120.5	19x4
65	216	178	105	18	139.7	19x4
80	241	191	127	19	152.4	19x4
100	292	229	157	24	190.5	19x6
150	358	279.5	216	25	241.3	22x6
200	495	343	270	29	298.4	22x6
250	622	406.5	324	30	362	25x12
300	698	483	381	32	431.8	25x12
350	Available on Request					
400	Available on Request					

DIMENSION TABLE 300#

SIZE	F2F	OD	RF	THK,	PCD	HOLES
50	267	165	92	22.3	127	19x8
65	292	190.5	105	25.4	149.2	22x8
80	318	209.5	127	28.6	168.3	22x8
100	356	254	157	31.8	200	22x8
150	444	317.5	216	36.3	269.8	22x12
200	533	381	270	41.3	330.2	25x12
250	622	444.5	324	47.7	387.3	25x16
300	711	521	381	50.8	405.8	32x18
350	Available on Request					
400	Available on Request					

DIMENSION TABLE 600#

SIZE	F2F	OD	RF	THK,	PCD	HOLES
50	292	165	92	25	127	19x8
65	330	190.5	105	29	149.2	22x8
80	356	209.5	127	32	168.3	22x8
100	432	273	157	38	215.9	25x8
150	559	356	216	48	292.1	29x12
200	660	419	270	56	349.2	32x12
250	787	508	324	63.5	431.8	35x16
300	Available on Request					
350	Available on Request					
400	Available on Request					



CONFORMITY TO CODES & STANDARDS

- 1) GENERAL DESIGN : BS 1863
- 2) TESTING : API 588
- 3) TYPE : BOLTED BONNET, OS & Y, FLEXIBLE WEDGE.
- 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

NOTE:- ALL DIM. ARE IN MM



**FLUIDCHEM VALVES ( I ) Pvt. Ltd.**

ISO 9001-2008 COMPANY

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DRN NIZAM	DATE
	27/02/2013

SWING CHECK VALVE  
150#/300#/600#

DRG. NO :FVIL/SCV/50-400

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