

MATERIAL OF CONSTRUCTION

SR.NO.	PARTS NAME	MATERIALS		
01	BODY	A216-WCB	A351-CF8	A351-CF8M
02	SEAT RING	WCB+13%CR	A351-CF8	A351-CF8M
03	BONNET	A216-WCB	A351-CF8	A351-CF8M
04	DISC	WCB+13%CR	A351-CF8	A351-CF8M
05	DISC NUT	A276-410	A351-CF8	A276-316
06	STEM	A276-410	A351-CF8	A276-316
07	BACK SEAT NUT	A276-410	A276-304	A276-316
08	STEM PACKING	GRAPHITE RINGS(BRAIDED & MOULDED)		
09	GLAND BUSH	A276-410	A276-304	A276-316
10	GLAND FLANGE	WCB	SS 304	SS 316
11	EYE BOLT WITH NUT	A193-B7/A194-2H	A193-B8/A194-8	A193-B8M/A194-8M
12	THRUST PAD	A276-410	A276-304	A276-316
13	FULL THREAD STUD WITH 2HEAVY NUTS	A193-B7/A194-2H	A193-B8/A194-8	A193-B8M/A194-8M
14	GASKET	SS+GRAPHITE FILLED		
15	HAND WHEEL	MALEABLE IRON/FABRICATED MS.		
15	HAND WHEEL LOCK NUT	CAST STEEL		

TESTING

PRESSURE RATING	HYDROSTATIC SHELL TEST	HYDROSTATIC SEAT TEST	HYDROSTATIC BACK SEAT TEST
	Kg/CM2	Kg/CM2	Kg/CM2
150#	31	22	24
300#	78	56	62
600#	155	112	123

DIMENSION TABLE 150#

SIZE	F2F	OD	RF	THK,	PCD	HOLES
25	127	108	51	12	79.2	16X4
40	165	127	73	14	98.5	16X4
50	203	152.4	92	16	120.5	19X4
65	216	178	105	18	139.7	19x4
80	241	190.5	127	19	152.4	19x4
100	292	229	157	24	190.5	19x8
150	406	279.4	216	25	241.3	22x8
200	495	343	270	29	298.4	22x8
250	622	406.4	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
25	203	123.8	51	17.5	88.9	19X4
40	229	155.6	73	20.6	114.3	22X4
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	559	381	270	41.3	330.2	25x12
250	622	444.5	324	47.7	387.3	29x16
300	711	521	381	50.8	405.8	32x16
350	Available on Request					
400	Available on Request					

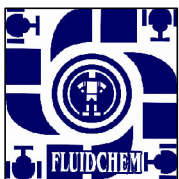
DIMENSION TABLE 600#

SIZE	F2F	OD	RF	THK,	PCD	HOLES
25	216	124	51	17.5	89	19x4
40	241	156	73	22	114	22x4
50	292	165	92	25	127	19x8
65	330	190.5	105	25	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	965	559	381	66.6	488.9	35x20
350	Available on Request					
400	Available on Request					

CONFORMITY TO CODES & STANDARDS

- 1) GENERAL DESIGN :- BS 1873
- 2) TESTING :- API 598
- 3) TYPE :- BOLTED BONNET,
- 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



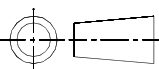
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ISO 9001-2008 COMPANY

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DRN
NIZAM

DATE
27/02/2013



GLOBE VALVE 150#/300#/600#

DRG. NO :FVIL/GLV/25-400

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