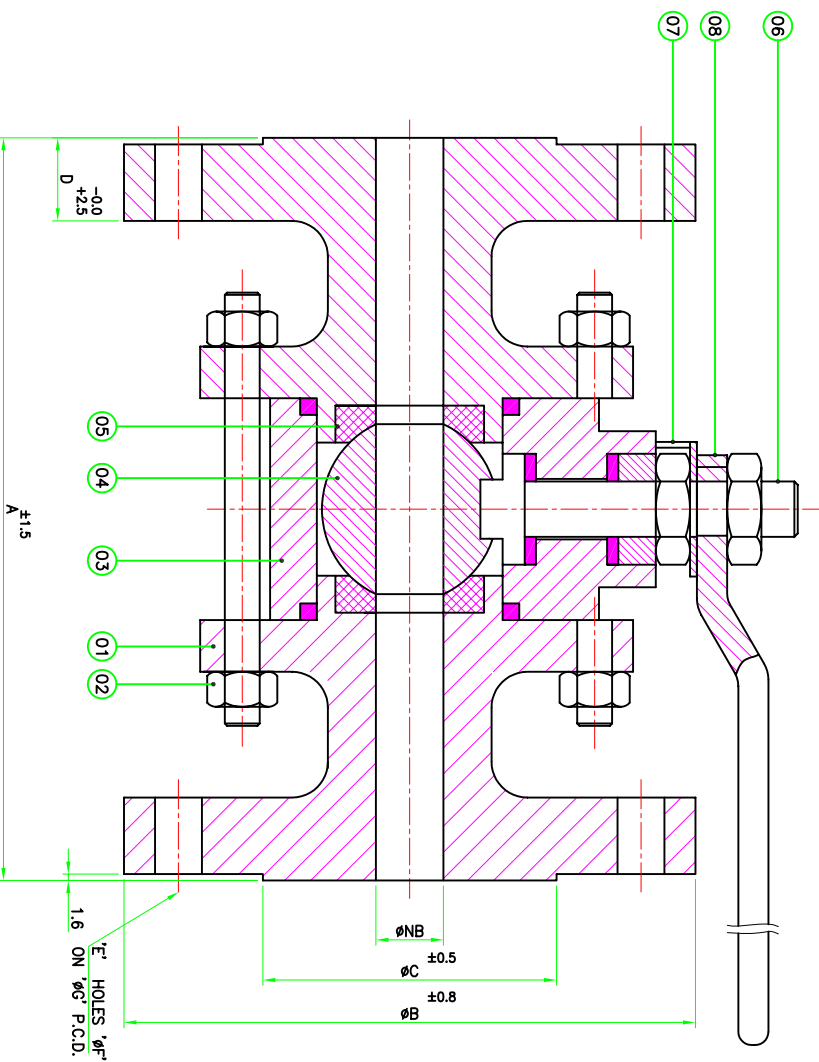


AMTECH

(WE RESERVE THE RIGHT TO CHANGE DESIGN AND TECHNICAL DATA FURNISHED HERE DUE TO CONTINUOUS PRODUCT DEVELOPMENT.)



NO	DESCRIPTION	QTY.	MATERIAL
1	SIDE PIECE	2	ASTM B 216 Gr. WCB
			C.I. TO IS 210 Gr. FG 220
			ASI 304 OR CF8 (I.C.)
			ASI 316 OR CF8M (I.C.)
			ASTM A 105
			G.M.
2	STUD & NUT	Req.	M.S. ASTM A 193 Gr. B7 M.S. ASTM A 194 Gr. 2H
			ASI 304
			ASI 316
3	BODY	1	ASTM B 216 Gr. WCB
			C.I. TO IS 210 Gr. FG 220
			ASI 304 OR CF8 (I.C.)
			ASI 316 OR CF8M (I.C.)
			ASTM A 105
			G.M.
4	BALL	1	ASI 304 / ASI 316
5	SEAT	2	PTFE OR FILLED PTFE
6	STEM	1	ASI 304 / ASI 316
7	STOPER PIN	1	CARBON STEEL, ASI 410/304/316
8	LEVER	1	CARBON STEEL, ASI 410/304/316

**TECHNICAL DATA**

MFG. STD. :- BS 5351, API 602  
 INSP. STD. :- API 598/BSS146/BS 6755 PART-1  
 END TO END :- ASME B 16.10  
 ENDS : FLANGE END AS PER B 16.5 RF/BS 1560

**PRESSURE TEST (HYDRAULIC):-**

150#	300#
BODY :- 32 KG/CM2 (g)	BODY : 80 KG/CM2 (g)
SEAT :- 22 KG/CM2 (g)	SEAT : 58 KG/CM2 (g)
SEAT ( PNEUMATIC ) :- 7 KG/CM2 (g)	SEAT ( PNEUMATIC ) : 7 KG/CM2 (g)

SIZE	NB	A	ØB	ØC	D	E	ØF	ØG
200	200	497	342.9	269.7	28.5	8	22.4	298.5
150	150	394	279	216	25.4	8	22.4	241.3
100	100	229	228	157	23.87	8	22.4	190.5
80	76	203	190	127	23.87	4	19	152
65	63	190	178	104	22.35	4	19	140
50	49	178	152	92	19.05	4	19	120
25	23	127	108	50.8	14.2	4	16	79
20	19	117	98.6	42.9	12.7	4	16	69.9
15	12	108	88.9	35.0	11.2	4	16	60.5

SIZE	NB	A	ØB	ØC	D	E	ØF	ØG
200	200	502	381	269.7	41.2	12	25.4	330.2
150	150	403	317	216	36.6	12	19	269
100	100	305	254	157	31.8	8	19	200
80	76	282	209	127	28.4	8	19	168
65	63	241	190	104	25.4	8	19	149
50	49	216	165	92	22.4	8	19	127
25	23	165	124	50.8	17.5	4	19	89
20	19	152	117.4	42.9	15.8	4	16	82.6
15	12	140	95.3	35.0	14.2	4	12.7	66.6

150,300#	15 TO 200 (mm)	STANDARD	UNLESS OTHERWISE SPECIFIED	AS STATED
END CONNECTION	BS 5351/API 602	REMOVE SHARP CORNERS		DATE
FLANGE ENDS		SCALE	N.T.S.	GHV
		VALVE TYPE		CHD.
		BALL VALVE		DATE
		PROJECTION		APPD.
		THIRD ANGLE		DATE
		SHEET No.	01 OF 01	DRW. No.
				AMTECH
				REV.
				00

UNSPECIFIED TOLERANCE FOR MACHINED DIM.  
 0-75 / 75-300 / 300-600 / ABOVE 600  
 ± 0.12 / ± 0.14 / ± 0.16 / ± 0.175

ASLY OF 3 PIECE BALL VALVE FLANGE END

MANUFACTURERS & EXPORTER  
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