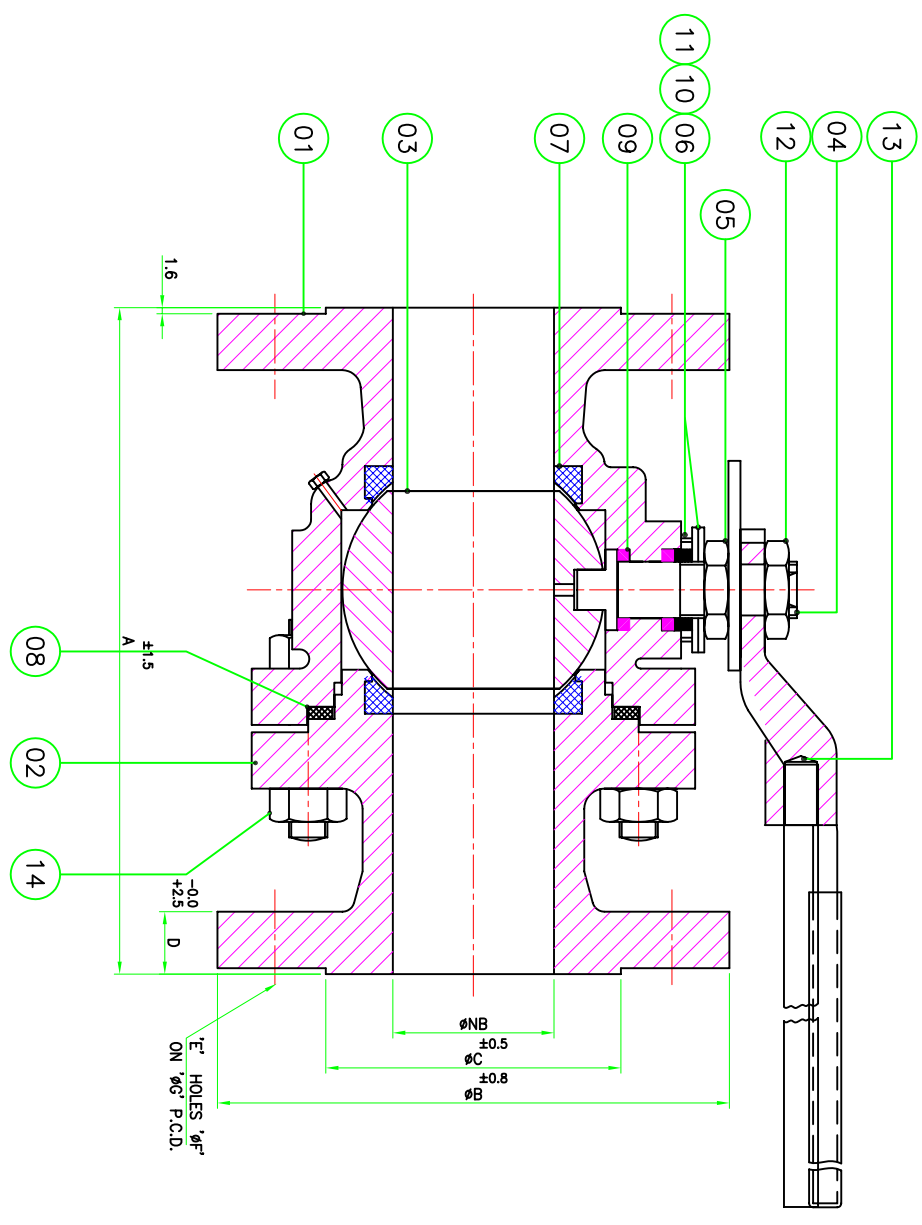


AMTECH

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



NO.	DESCRIPTION	QTY.	MATERIAL
01	BODY	01	ASTM A 216 Gr. WCB
			C.I. TO IS 210 Gr. FG 220
			ASI 304 OR CF8 (I.C.)
			ASI 316 OR CF8M (I.C.)
02	SIDE PIECE	01	ASTM A 216 Gr. WCB
			C.I. TO IS 210 Gr. FG 220
			ASI 304 OR CF8 (I.C.)
			ASI 316 OR CF8M (I.C.)
03	BALL	01	ASI 304/ASI 316
04	STEM	01	ASI 304/ASI 316
05	GLAND NUT	01	ASI 304/ASI 316
06	GLAND BUSH	01	ASI 304/ASI 316
07	SEAT RING	02	PTFE OR FILLED PTFE
08	BODY SEAL	01	PTFE OR FILLED PTFE
09	STEM SEAL	02	PTFE OR FILLED PTFE
10	STOPPER PIN	01	C.S./M.S./S.S.304/S.S.316
11	STOP	01	C.S./M.S./S.S.304/S.S.316
12	LOCK NUT	01	C.S./M.S./S.S.304/S.S.316
13	LEVER	01	C.S./M.S./S.S.304/S.S.316
14	STUD & NUT	Req.	C.S./M.S./S.S.304/S.S.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 : B 16.5 150,300#

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	19	82.6
15	12	140	95.3	35.0	14.2	4	16	66.5

UNSPECIFIED TOLERANCE FOR MACHINED DIM.
 0-75 / 75-300 / 300-600 / ABOVE 600
 ± 0.2 / ± 0.4 / ± 0.6 / ± 0.75

RATING 150,300# 15 TO 200 (mm)

END CONNECTION STANDARD UNLESS OTHERWISE SPECIFIED

FLANGE END BS 5351/API 602 REMOVE SHARP CORNERS

MANUFACTURERS & EXPORTER
M. KUMAR TECHNOCRATES
 SR/9,PAMBHA COMPLEX, ASHRAM ROAD,
 AHMEDABAD - 380 014,(GUJARAT) INDIA
 Phone:-0091-79-27540287.
 Fax:-0091-79-27545519.
 E-mail:-info@techcrates.com
 Website:-http://www.techcrates.com

DESCRIPTION TWO PIECE BALL VALVE FLANGE END

SCALE N.T.S. G.H.V. AS STATED

VALVE TYPE CHD. DATE

BALL VALVE APPD. DATE

PROJECTION DATE

THIRD ANGLE

SHEET No. 01 OF 01

DRW. No. AMTECH

REV. 00