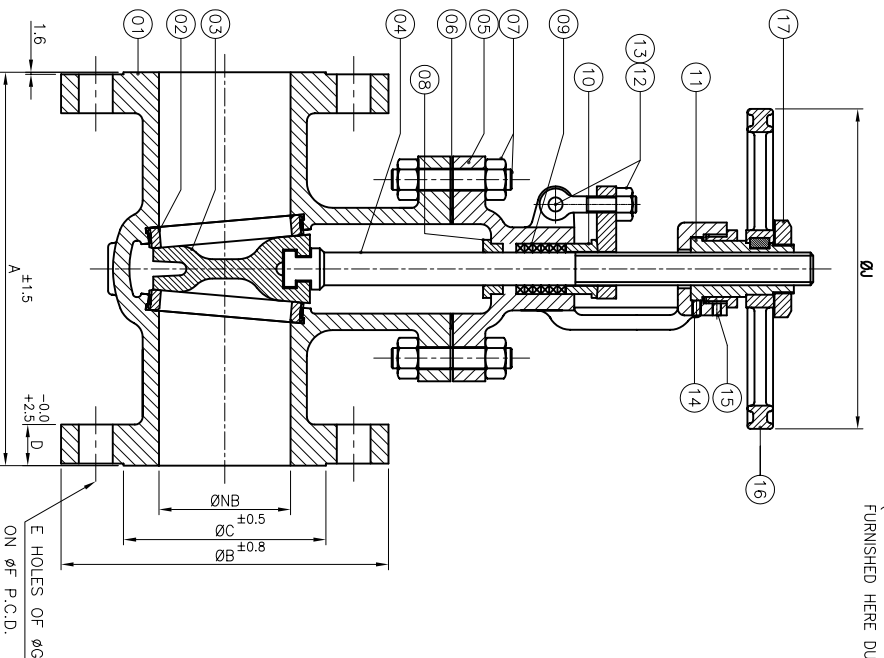


AMTECH

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



SIZE	A	ØB	ØC	D	E	ØF	ØG	ØJ
400	406	597	470	37.0	16	540	29	508
350	381	534	413	35.0	12	477	29	508
300	356	483	381	32.0	12	431	25	457
250	330	406	324	30.0	12	362	25	406
200	292	343	270	29.0	08	298	22	356
150	267	278	216	25.0	08	241	22	356
125	254	254	186	24.0	08	216	22	305
100	229	229	157	24.0	08	190	19	305
80	203	190	127	19.0	04	152	19	254
65	190	178	105	17.0	04	140	19	203
50	178	152	92	16.0	04	121	19	203
40	165	127	73	14.0	04	98	16	152
25	127	108	51	14.0	04	79	16	123

SIZE	A	ØB	ØC	D	E	ØF	ØG	ØJ
400	838	648	470	58.0	20	572	35	508
350	762	585	413	54.0	20	515	32	508
300	502	521	381	51.0	16	451	32	508
250	457	445	324	48.0	16	387	29	457
200	419	381	270	41.0	12	330	25	406
150	403	318	216	37.0	12	270	22	356
125	381	279	186	35.0	08	235	22	356
100	305	254	157	32.0	08	200	22	305
80	282	209	127	29.0	08	168	22	254
65	241	190	105	25.0	08	149	22	203
50	216	165	92	22.0	08	127	22	203
40	191	156	73	21.0	04	114	22	152

SR. NO.	PARTS NAME	QTY.	MATERIALS
1	BODY	01	C.S. ASTM A 216 Gr. WCB C.I. TO IS 210 Gr. FG 220
2	SEAT RING	02	C.S. ASTM A 351 CF8 / CF8M / CN7M
3	WEDGE	01	C.S. ASTM A 216 Gr. WCB C.S. WITH 13% Cr. FACING AISI 304 / AISI 316
4	SPINDEL	01	AISI 410 / AISI 304 / AISI 316
5	BONNET	01	C.S. ASTM A 216 Gr. WCB C.I. TO IS 210 Gr. FG 220 ASTM A 351 CF8 / CF8M / CN7M
6	GASKET	01	SPIRAL WOUND METALIC GASKET ASTM A 193 Gr. B7 ASTM A 194 Gr. 2H
7	STUD & NUT	Req.	
8	BONNET BUSH	01	AISI 410 / AISI 304 / AISI 316
9	GLAND PACKING	6 Min.	METALIC WIRE REINFORCED ASBESTOS/GRAPHOL
10	GLAND	01	C.S. ASTM A 216 Gr. WCB
11	YOKE BUSH	01	G.M. / AISI 304
12	CROSS BOLT/NUT	2/2	CARBON STEEL
13	EYE BOLT/NUT	2/2	CARBON STEEL
14	GREASE NIPPLE	01	CARBON STEEL
15	GRUB SCREW	01	CARBON STEEL
16	HAND WHEEL	01	C.I./C.S.
17	HABD WHEEL NUT	01	CARBON STEEL

STANDARD SPECIFICATION :-  
MFG. STD:- API 600 , BS 1414  
INSP. STD. :- API 598  
ENDS:- FLANGED END AS PER B-16.5  
END TO END :- ANSI B-16.10

HYD. TEST PRESSURE : - 150 #	HYD. TEST PRESSURE : - 300 #
BODY:- 32 KG/CM2 SEAT & B:SEAT:-22 KG/CM2 SEAT (AIR):- 7 KG/CM2	BODY:- 80 KG/CM2 SEAT & B:SEAT:- 58 KG/CM2 SEAT (AIR):- 7 KG/CM2

UNSPECIFIED TOLERANCE FOR MACHINED DIM.  
0-75 ± 0.12 / 75-300 ± 0.15 / 300-600 ± 0.20 / ABOVE 600 ± 0.25

ASSEMBLY OF GATE VALVE

150 , 300 #	25 TO 400(mm)	ALL DIMENSIONS ARE IN M.M.	MATERIAL
END CONNECTION	API 600/BS 1414	UNLESS OTHERWISE SPECIFIED	AS STATED
FLANGE END	REMOVE SHARP CORNERS		DATE
MANUFACTURERS & EXPORTER		SCALE	DRN.
M.KUMAR TECHNOCRATES		VALVE TYPE	CHD.
SR/9,PAMBHA COMPLEX, ASHRAM ROAD,		GATE VALVE	DATE
AHMEDABAD - 380 014,(GUJARAT) INDIA		PROJECTION	APPD.
Phone:-0091-79-27540287.		THIRD ANGLE	DATE
Fax:-0091-79-27545519.			
E-mail:-info@mktechindia.com			
Website:-http://www.mktechindia.com			

SHEET No.	DRW. No.	REV.
01 OF 01	AMTECH	00