



300	762	521	381	57.0	451	35	16	825
250	673	445	324	54.0	387	32	16	672
200	597	381	270	48.0	330	29	12	610
150	495	318	216	41.0	270	25	12	490
125	457	279	186	38.0	235	25	08	490
100	406	254	157	35.0	200	25	08	405
80	356	210	127	32.0	168	22	08	405
65	330	191	105	29.0	149	22	08	305
50	292	165	92	25.0	127	19	08	305
40	241	156	73	22.0	114	22	04	250
25	216	124	51	17.5	89	19	04	250
SIZE	A	B	C	D	E	F	G	J

300	838	559	381	67.0	489	35	20	825
250	787	508	324	64.0	432	35	16	825
200	660	419	270	56.0	349	32	12	675
150	559	356	216	48.0	292	29	12	610
125	508	330	186	45.0	267	29	08	490
100	432	273	157	38.0	216	25	08	490
80	356	210	127	32.0	168	22	08	405
65	330	191	105	29.0	149	22	08	405
50	292	165	92	25.0	127	19	08	250
40	241	156	73	22.0	114	22	04	250
25	216	124	51	17.5	89	19	04	210
SIZE	A	B	C	D	E	F	G	J

S.R.NO	PARTS NAME	QTY.	MATERIALS
1	BODY	01	ASTM A 216 Gr.WCB
			C.I. TO IS 210 Gr. FG 220
			ASTM A 351 CF8/CF8M/CNTM
2	SEAT	01	S.S. 13% Cr.
			ASTM A304/AISI 316
3	DISC	01	C.S. WITH 13% Cr. FACING
			ASTM A10/AISI 304/AISI 316
4	SPINDEL NUT	01	ASTM A10/AISI 304/AISI 316
5	SPINDEL	01	ASTM A10/AISI 304/AISI 316
6	BONNET BUSH	01	ASTM A10/AISI 304/AISI 316
7	BODY SEAL	01	S.S. 304 SPIRAL WOUND
			METALIC GASKET
8	BONNET	01	ASTM A 216 Gr.WCB
			C.I. TO IS 210 Gr. FG 220
			ASTM A 351 CF8/CF8M/CNTM
9	BONNET STUD/NUT	Req.	ASTM A 193 Gr. B7
			ASTM A 194 Gr. 2H
10	GLAND PACKING	Req.	METALIC WIRE REINFORCED
			GRAPHITED ASBESTOS/GRAP-HOLL
11	GLAND	01	ASTM A10/AISI 304/AISI 316
12	GLAND FLANGE	01	CARBON STEEL
13	CROSS BOLT/NUT	2/2	CARBON STEEL
14	EYE BOLT/NUT	2/2	CARBON STEEL
15	YOKE NUT	01	AL. BRONZE/NI-RESIST
16	HAND WHEEL	01	DUCTILE IRON
17	WASHER	01	CARBON STEEL
18	HAND WHEEL NUT	01	CARBON STEEL

STANDARD SPECIFICATION:-  
MFG. STD:- BS 1873  
INSP. STD. :- API 598 / BS 5146  
ENDS:- FLANGED END AS PER B 16.5  
END TO END :- AS PER B 16.10

HVD. TEST PRESSURE :- 400 #	HVD. TEST PRESSURE :- 600 #
BODY:- 102 KG/CM2	BODY:- 155 KG/CM2
SEAT & B.SEAT:-75 KG/CM2	SEAT & B.SEAT:- 105 KG/CM2
SEAT (AIR):- 7 KG/CM2	SEAT (AIR):- 7 KG/CM2

UNSPECIFIED TOLERANCE FOR MACHINED DIM.		DESCRIPTION	
0-.75	± 0.2	ALL DIMENSIONS ARE IN M.M.	MATERIAL
.75-.300	± 0.4	UNLESS OTHERWISE SPECIFIED	AS STATED
300-600	± 0.6	REMOVE SHARP CORNERS	DATE
ABOVE 600	± 0.75		DATE
400 . 600 #	SIZE	SCALE	N.T.S.
END CONNECTION	STANDARD	VALVE TYPE	CHD.
FLANGED ENDS	BS 1873	GLOBE VALVE	DATE
		PROTECTION	APPD.
		THIRD ANGLE	DATE
		SHEET No.	DRW. No.
		01 OF 01	AMTECH
			REV.
			00

MANUFACTURER'S & EXPORTER  
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1	ASSEMBLY OF GLOBE VALVE
2	