

**FLO-LINE CORPORATION**

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**GTV # 800**

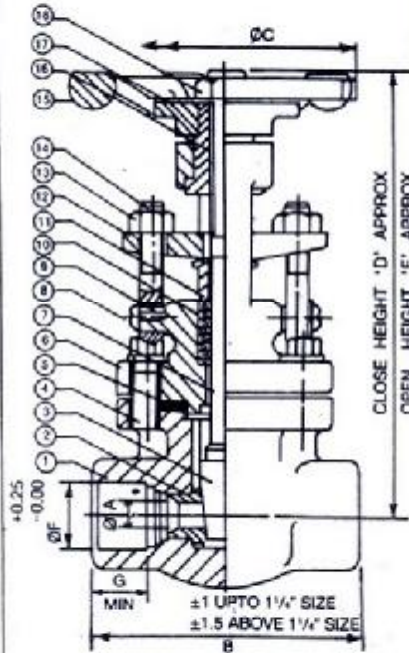


**INDUSTRIAL VALVES**

FORGED STEEL GATE VALVE - CLASS- 800

DATE

REF. DRG. - GTV-7-0650



S.NO	DESCRIPTION	QTY	MATERIAL	SPECIFICATION	REMARKS
1	BODY	1	FORGED CARBON STEEL	ASTM-A-165	
2	SEAT RING	2	STAINLESS STEEL	AISI 410	HARDNESS 270-300 HB
3	WEDGE	1	S.S. AISI 410/420/ASTM-A 217 GR CA 15		HARDNESS 350-475 HB
4	COLLAR BOLT/HEX	4	ALLOY STEEL	ASTM A 193 GR B7	
5	GASKET	1	SPIRAL WOUND STAINLESS STEEL WITH ASBESTOS FILLER	AISI 304	
6	BONNET	1	FORGED CARBON STEEL	ASTM A 105	
7	SPINDLE	1	STAINLESS STEEL	AISI 410	HARDNESS 220-250 HB
8	SET SCREW	2	CARBON STEEL		GALVANISED
9	WASHER	2	CARBON STEEL		GALVANISED
10	PACKING	AS REQD	HIGH QUALITY GRAPHITED LUBRICATED ASBESTOS MATERIAL WITH ALLOY WIRE REINFORCEMENT		
11	GLAND BUSH	1	STAINLESS STEEL	AISI 410	
12	GLAND FLANGE	1	FORGED CARBON STEEL	ASTM A 105	
13	EYE BOLT NUT	2	CARBON STEEL		
14	EYE BOLT	2	FORGED STAINLESS STEEL	ASTM A 182 GR F8	
15	HAND WHEEL	1	MALLEABLE IRON	IS 2108 GR B	
16	YOKE SLEEVE	1	NIRESIST NODULAR CI	ASTM A 439 GR D2	
17	NAME PLATE	1	ANODISED ALUMINIUM		
18	HAND WHEEL NUT	1	CARBON STEEL		

REV

REPLACEMENT OF PACKING IS POSSIBLE IN FULLY OPEN VALVE



TECHNICAL DATA				
DESIGN CODE	APPLICABLE REQUIREMENT	API 602	ANSI B 16.11	
		BS 3008		IS 4712
		BS 5352		ANSI B2.1
TESTING CODE		IBR	BS 21	
		API 598	IS 554/554 T	
		ANSI B 16.5	ANSI B 16.25	
		BS 5146	ANSI B 16.5	
			API 602	
			BS 2995	

THESE VALVES ARE AVAILABLE WITH FORGED ALLOY STEEL ASTM A182 GRF5 F11 F304 F316 AND TRIMMED SS 316 SS 304 WITH OR WITHOUT HARD FACING (STELLITE) SEAT

TEST TYPE	SEAT	PSIG
HYDROSTATIC	BODY	3000 PSIG
TEST PRESSURE	SEAT	2200 PSIG
PNEUMATIC TEST	SEAT	80 PSIG
PRIMARY SERVICE		800 PSIG AT 850 F

SIZE	A	B	C	D	E	F	G	H	CODE	APPROX ( WT. KG)
6	5.4	85	85	144	157	14.0	9.5	10.2	001 GTV	2.3
10	6.4	85	85	144	157	17.5	9.5	10.2	002 GTV	2.0
15	9.5	85	85	144	157	21.7	9.5	13.5	003 GTV	1.8
20	12.7	92	95	154	170	27.0	12.7	13.8	004 GTV	2.5
25	17.8	101	85	174	194	33.8	12.7	17.3	005 GTV	3.9
40	30.2	127	145	202	265	45.5	12.7	18.3	006 GTV	10.5
50	36.8	140	145	234	274	61.1	15.9	19.2	007 GTV	15.2

All Dimensions in M.M.

CUSTOMER \_\_\_\_\_  
 ORDER NO. \_\_\_\_\_  
 JOB/PROJECT \_\_\_\_\_

FOR APPROVAL FOR RECORD