

FLO-LINE CORPORATION

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GTV # 300

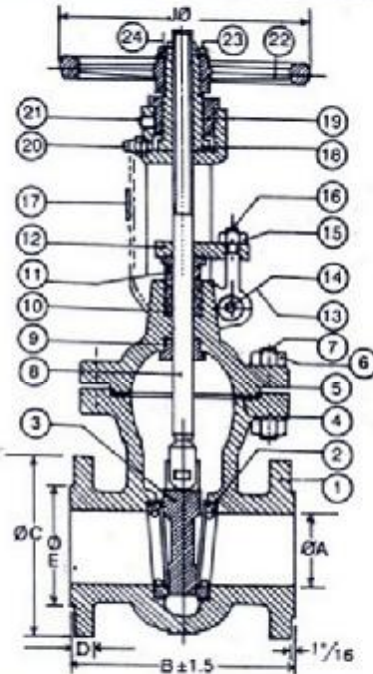


INDUSTRIAL VALVES

GATE VALVE CLASS - 300

DATE :

REF : DRG. NO. GTV-300



24	Grub Screw	1	Carbon steel
23	Hand wheel nut	1	Carbon steel
22	Hand wheel	1	Cast Iron
21	Grub screw	1	Carbon steel
20	Grease nipple	1	Commercial
19	Yoke nut	1	Stainless steel AISI 410
18	Yoke sleeve	1	AL Bronze/Ni Resist
17	Name plate	1	Aluminium/Brass
16	Eye bolt	2	Carbon steel ASTM-A-307 Gr.B
15	Eye bolt nut	2	Carbon steel ASTM-A-307 Gr.B
14	Cross bolt nut	2	Carbon steel
13	Cross bolt	2	Carbon steel
12	Gland flange	1	Carbon steel
11	Gland	1	Stainless steel ASTM-A-182 Gr.F6
10	Gland packing	9	Metallic wire reinforced asbestos
9	Back seat bush	1	Stainless steel ASTM-A-182 Gr.F6
8	Spindle	1	Stainless steel ASTM-A-182 Gr.F6
7	Bonnet stud	As. reqd.	Alloy steel ASTM-A-193 Gr.B7
6	Bonnet stud nut	As. reqd.	Carbon steel ASTM-A-194 Gr.2H
5	Bonnet	1	Cast carbon steel ASTM-A-216 Gr.WCB
4	Gasket	1	Spiral wound metallic gasket
3	Wedge	1	WCB with 13% Cr. facing
2	Seat rings	2	WCB with 13% Cr. facing
1	Body	1	Cast carbon steel ASTM-A-216 Gr.WCB
No.	Part Name	Qty	Material Specification

PRIMARY SERVICE RATING

CLASS	PRESSURE	TEMPERATURE
300	300 PSIG/53kg/cm ² (g)	850 F (454 C)

Applicable Class 300 Standards : Steel Valves - ANSI B16.34-1977 Standard Class. Face to Face ANSI B16.10, End. Flanges ANSI B16.5 Manufacturing Standards-BS-1414/API 600. Testing Standard API/598

	A	40	50	65	80	100	125	150	200	250	300	350	400
B	190	216	241	282	305	381	403	419	457	502	762	838	
C	155	165	190	209	254	279	317	381	444	521	583	648	
D	21	22	25	28	32	35	36	40	47	51	54	57	
E	73	92	105	127	157	186	216	270	324	381	413	470	
PCD	114	127	149	168	200	235	270	380	387	451	514	572	
No. of Holes	4	8	8	8	8	8	12	12	16	16	20	20	
Hole Dia	22	19	22	22	22	22	22	25	28	32	32	35	
J	178	203	229	254	305	305	354	408	457	508	559	610	
Wgt. Kg													
Qty													
Tag No													

Code :	WCB
Material :	ASTM-A-216
Specification :	WCB
Test Pressure	
Shell (Hydrostatic)	77 Kg/cm ²
Seat (Hydrostatic)	53 kg/cm ²
Seat (Air)	5.5 Kg/cm ²

(All Dimensions in MM)

CUSTOMER : _____
 ORDER NO : _____
 JOB/PROJECT : _____

REV

FOR RECORD
 FOR APPROVAL