

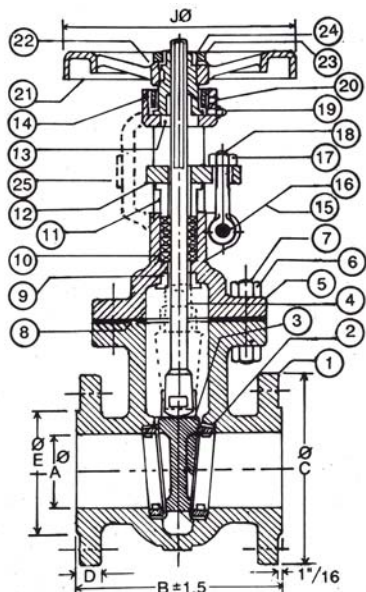
# AMCO INDUSTRIAL VALVES



Gate Valve Class - 150

DATE: 13 - 06 - 07

REF: DRG. NO GTV - 150



No	Part Name	Qty	Material Specification
25	Name Plate	1	Aluminium / Brass
24	Grub Screw	1	Carbon Steel
23	Handwheel Nut	1	Carbon Steel
22	Handwheel Key	1	Carbon Steel
21	Handwheel	1	Cast Iron
20	Grub Screw	1	Carbon Steel
19	Grease Nipple	1	Commercial
18	Eye Bolt	2	Carbon Steel ASTM A 307 Gr. B
17	Eye Bolt Nut	2	Carbon Steel ASTM A 307 Gr. B
16	Cross Bolt Nut	2	Carbon Steel
15	Cross Bolt	2	Carbon Steel
14	Yoke Bush	1	Carbon Steel
13	Yoke Sleeve	1	AL Bronze / Ni Resist
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	Gasket	1	Compressed asbestos fibre
7	Bonnet Stud	As Req.	Alloy Steel ASTM A 193 B7
6	Bonnet Stud Nut	As Req.	Carbon Steel ASTM A 194 Gr. 2H
5	Bonnet	1	Cast Carbon Steel ASTM A 216 Gr. WCB
4	Spindle	1	Stainless Steel ASTM A 182 Gr. F6
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

Primary Service Rating

Class	Pressure	Temperaure
150	150 PSIG / 21 Kg / cm <sup>2</sup> (g)	500 °F (260 °C)

Applicable Class 150 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 Standards API / 598

	40	50	65	80	100	150	200	250	300	350	400
A	40	50	65	80	100	150	200	250	300	350	400
B	165	178	190	203	229	267	292	330	355	381	406
C	127	152	178	190	229	279	343	406	483	533	597
D	14	16	17	19	24	25	28	30	32	35	37
E	73	92	105	127	157	216	270	324	381	413	470
No. of Holes	4	4	4	4	8	8	8	12	12	12	16
Hole Dia	16	19	19	19	19	22	22	25	25	28	28
PCD	98	121	140	152	190	241	298	362	432	476	540
J	152	203	203	254	305	356	356	408	457	508	559
Wgt. Kg											
Qty.											

Tag No.

Code

WCB

Material

ASTM A 216

Specification

WCB

Test Pressure

Shell (Hydrostatic)

30 Kg / cm<sup>2</sup>

Seat (Hydrostatic)

21 Kg / cm<sup>2</sup>

Seat (Air)

5.5 Kg / cm<sup>2</sup>

(All Dimensions in mm)

Customer

Order No:

Job / Project

Manufactured By : **AMCO INDUSTRIAL VALVES**, ROYAPURAM, CHENNAI - 600 013, INDIA.

Due to continuous development programme, the design and data given in this leaflet are subject to change without prior notice.

REV

For Record

For Approval