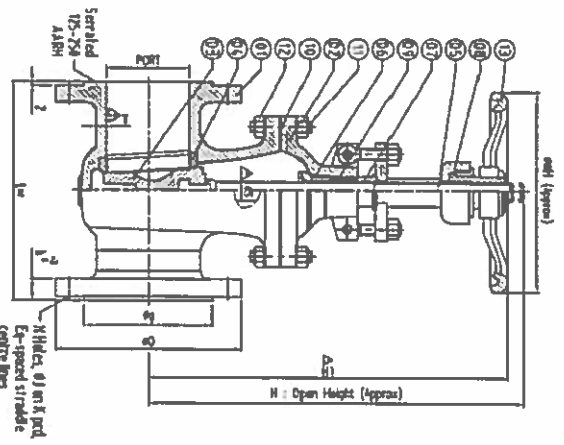


**Gate Valves - Class 150#**



Size	2"	3"	4"	6"	8"
Port	50	75	100	150	200
L	51	76	102	152	203
H(flow)	178	203	229	267	292
H(back)	398	482	575	786	975
ØWH	200	300	350	350	400
ØD	150	190	230	280	345
B	14.3	17.5	24.3	26	27
ØG	92.1	127	157.2	215.5	269.9
ØI	19	19	19	22.4	22.4
N	4	4	8	8	8
K (PCD)	120.7	152.4	190.5	241.3	298.5
Weight (Kgs)	19	35	51	82	121
SR. NO.	as per po	as per po	as per po	as per po	as per po
Qty	6	64	165	39	106

**Parts List**

Part No	Qty	Name	Material
1	1	Body	ASTM A216 Gr. WCB
2	1	Bonnet	ASTM A216 Gr. WCB
3	1	Wedge(Flexible)	ASTM A216 Gr. WCB (CA 15)
4	1	Stem	13 Cr. Steel to AISI 410
5	2	Seat Rings	ASTM A217 Gr. CA15 (A105+13%Cr.)
6	1	Backseat Bushing	AISI 410
7	1	Gland	AISI 410
8	1	Gland Flange	A105
9	1	Stem nut	5.G. IRON TO BS 2789 (D2)
10	1	Lacknut	CARBON STEEL TO BS 916
11	5 min	Stem Packing	DIE MOULDED GRAFOIL RING
12	1	Bonnet Gasket	ASBESTOS FILLER SS 304 SPIRAL WOUND
13	Req.	Bonnet Studs	ASTM A193 Gr. B7
14	Req.	Bonnet Nut	ASTM A 194 Gr. 2H
15	2	Gland Eyebolt	ASTM A193 Gr. B7
16	1	Grease Nipple	Std.
17	1	Hand Wheel	MALLEABLE IRON / S.G. IRON
18	1	Hand Wheel Nut	CARBON STEEL TO BS 916

**Testing Standard - API 598**

Test	Hydro	Air
Test Pressure - PSIG	1125	
Shell	825	
Back Seat	825	
Seat	825	80

**Standards Followed and Other Detail**

- All Dimensions are in mm
- Design Std : API 600
- Face to Face - ASME B16.10
- End Connections - ASME B16.5
- Pressure Temperature Rating - ASME B16.34

Client :- \_\_\_\_\_  
 Drawing No :- \_\_\_\_\_  
 Rev. Date :- \_\_\_\_\_  
 Rev. No. :- \_\_\_\_\_  
 Approved By :- \_\_\_\_\_