

# RASHTRIA

## Cast Iron Gate Valve

**CLIP PATTERN WITH  
GUNMETAL WORKING PARTS  
INSIDE SCREW RISING STEM, FEMALE ENDS**

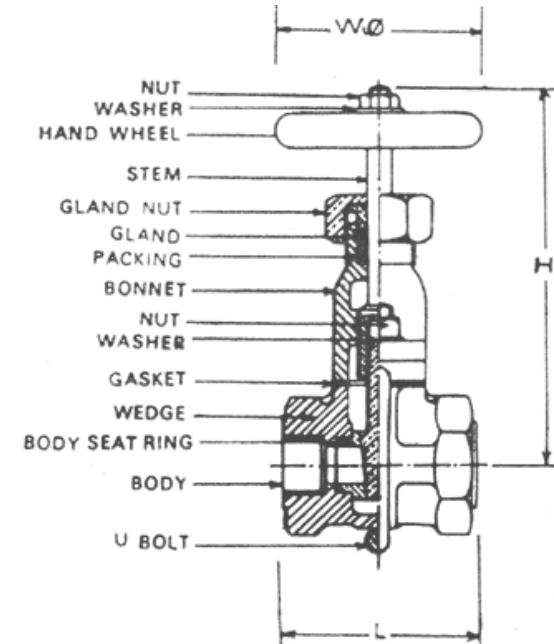
### **DESIGN FEATURES :**

1. Body and bonnet bolted together with the help of 'U' bolt.Thus enabling easy maintainence .
2. Streight through flow with least possible pressure drop across the valves.
3. Provision of 'Back-Seat ' facilitating 'On Line' replacement of Gland Packing under pressure when valve is full open.
4. Brass stem threaded externally to rise in the bonnet and internally to rise in the bonnet and internally to actuate the rising gate , thus resulting in quick opening of the gate.
5. Bronze seat rings are fitted securely into the body , resulting an extremely tight closure between seat and wedge.
6. Stem of the valve having loose fitting threads to prevent stem freezing when valve are used on stickly fluids.

**TEST PRESSURE :      BODY : 350 PSI HYD.  
                                 SEAT : 225 PSI HYD.**

(ALL DIMENTIONS IN MM )

Size (mm)	Face to Face 'L'	Open Maximum. 'H'	Wheel Diameter 'W'
15	68	150	53
20	78	175	53
25	85	220	74
32	96	240	83
40	99	270	92
50	117	325	118
65	135	355	125



### MATERIAL

Name of Part	Material	Specification
Body , Bonnet , Gland Nut , Hand Wheel	Cast Iron	IS 210 Gr. FG.200
Body Seat Ring ,Wedge , Gland	Bronze	IS 318
'U' Bolt , Hand Wheel , Nut	Mild Steel	IS-226
Gasket	CAF	IS-2712
Gland Packing	Graphited Asbestos	
Stem	Brass	IS-2488 / BS-218

SCALE : N.T.S.

Cast Iron Clip Pattern Gate Valve			
Test Pressure		Name	Date
Body :350 psi (hyd)		Traced Drawn	
Seat :225 psi (hyd)			
Cat. No.	CGV 407	Compared	
Drg. No.	407	Checked	
Material		Approved	
<b>Rashtria Metal &amp; Steel Inds.(Regd)</b>			
<b>Jalandhar - 144 004 (India)</b>			