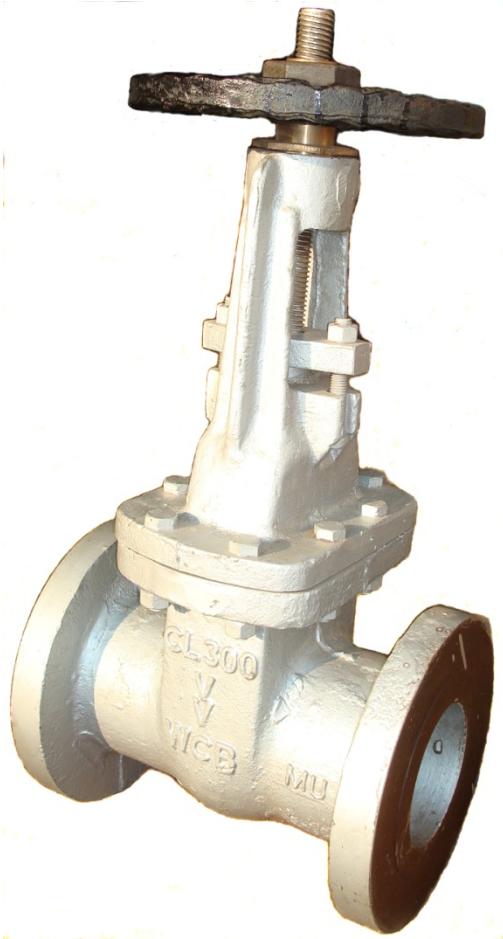


## V.V<sup>®</sup> C.S Gate Valves



**NON IBR**

V V Gate Valves offer the ultimate dependable service wherever minimum pressure drop is important. They serve as efficient stop valves with fluid flow in either direction.

The straight through design offers little resistance to flow and reduces pressure drop to a minimum. Seat actuated by a stem and hand wheel that moves up and down at right angles to the path of flow, and fits against two seat face to shut off flow.

Gate valves are best for services that require infrequent valve operation, and where seat/disc is kept either fully open or closed. They are not recommended for throttling.

With the usual type of gate valve, close flow regulation is impossible.

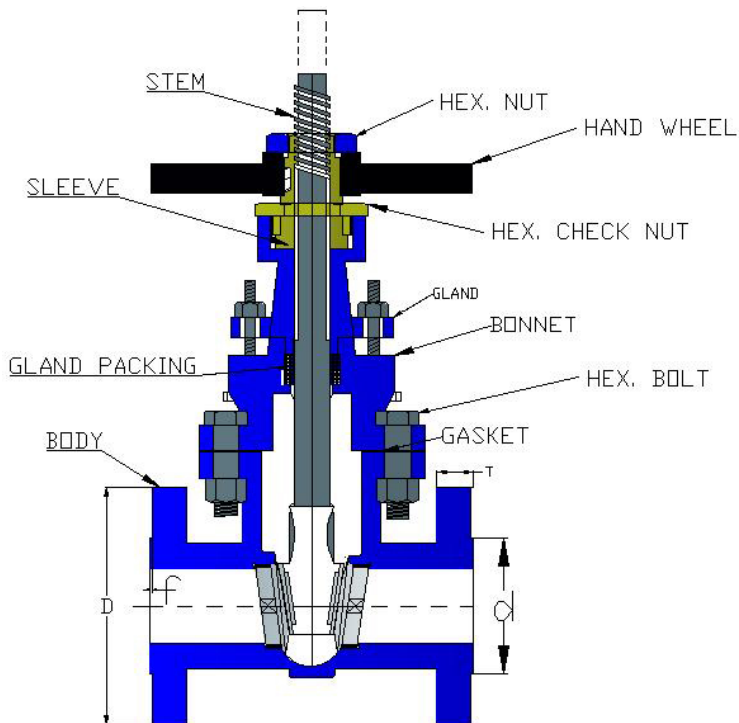
Velocity of flow against a partly opened disc may cause vibration and chattering and result in damage to the seating surfaces. Also, when throttled, the disc is subjected to severe wire-drawing erosive effects.

Handwheels are furnished on all valves.

Solid wedge Gate Valve Discs - The strong, simple, single piece design with long disc guides is a proven performer for all service conditions, particularly suitable for conditions of severe turbulence and stem vibration.

Seat and disc surfaces are accurately machined and tapered for shut-off without undue strain.

**Class 300 • Outside Screw & Yoke • Rising Stem • BS: 1414/ API 600 • A-216 Gr. WCB**



**Features**

- Tapered Solid Wedge Disc.
- Body Guide Ribs
- 13% Cr. S.S Body Ring & Seat Ring.
- Stem Provided with ACME Double Start
- Packing Graphited Asbestos
- Gaskets Compressed Asbestos Fibre
- Flanges as per ANSI B 16.5, CL-300 R.F.
- Bolted Bonnet
- Size Range : 1 ½"- 6"
- Seating: S.S
- Stem : S.S AISI 410

**B.T.P : 1125 psig Hyd.**  
**S.T.P : 750 psig Hyd.**

**Dimensions**

Nominal Size		Face TO Face L		D (Dia.)		Raised Face Dia. d		T (Thickness)	
inch.	mm	inch.	mm	inch.	mm	inch.	mm	inch	mm
1 ½	40	7 ½	190	6 1/8	155	2 7/8	73	13/16	20
2	50	8 ½	216	6 ½	165	3 5/8	92	7/8	22
2 ½"	65	9 ½	241	7 ½	190	4 1/8	105	1	25.4
3	80	11 1/8	281	8 ¼	210	5	127	1 1/8	28
4	100	12	305	10	254	6 3/16	157	1 ¼	31
5	125	15	381	11	279	7 5/16	185	1 3/8	35
6	150	15 7/8	402	12 ½	317	8 ½	215	1 7/16	37

1. 1/16 inch Raised Face is regularly furnished on CL 150 unless otherwise specified.
2. The height of raised face is included in minimum flange thickness for CL 150.

Address:

**V.V. Valves Industrial Corporation.**

25, Industrial Development  
Colony, Jalandhar Road,  
Hoshiarpur.(Pb.)-146001.

Phone : 01882-252-207

Fax: 500-289

E-Mail : [info@vvvalves.in](mailto:info@vvvalves.in)

Web: [www.vvvalves.in](http://www.vvvalves.in)

## NOTES

Handwritten notes area with horizontal lines and a large diagonal watermark reading "V.V. Valves".