



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.

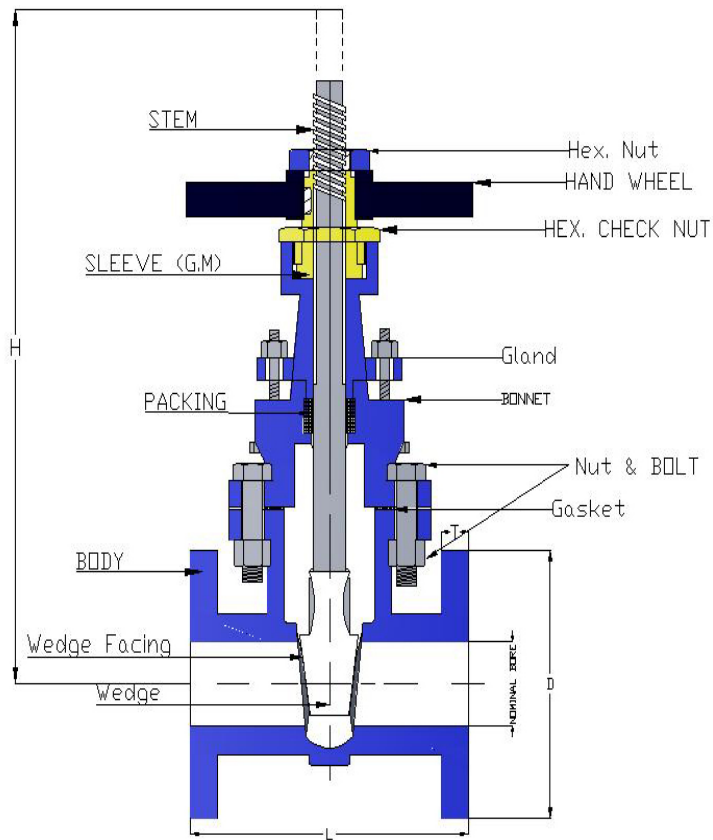
The straight through design offers little resistance to flow and reduces pressure drop to a minimum. Seat actuated by a stem and hand wheel that moves up and down at right angles to the path of flow, and fits against two seat face to shut off flow.

Gate valves are best for services that require infrequent valve operation, and where seat/disc is kept either fully opened 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.

Bronze/G.M- trimmed valves are recommended for steam, water, air and non corrosive oil or gas. All have screwed-in body rings and seat rings are forged into cast iron discs. 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.



Features

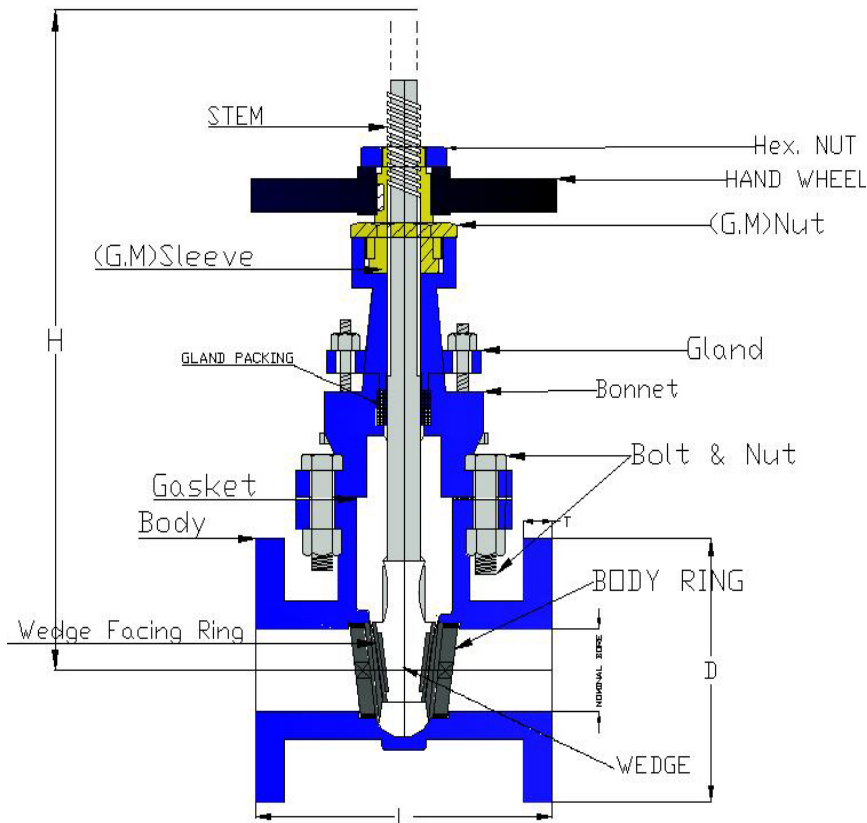
- Tapered Solid Wedge Disc.
- Body Guide Ribs.
- 1 ½"-10" Integral Seats.
- Stem Provided with ACME Double Start
- Packing Graphited Asbestos
- Gaskets Compressed Asbestos Fibre
- Flanges as per ANSI B 16.5
- Bolted Bonnet
- Size Range : 1 ½"- 10"
- Seating Iron
- Stem : M.S

Dimensions

Nominal Size		L		D (Dia.)		H (Open) Appx.	T (Thickness)	
inch.	mm	inch.	mm	inch.	mm	mm	inch	mm
1 ½	40	6 ½	165	5	127	330	9/16	14.3
2	50	7	178	6	152	370	5/8	15.9
2 ½"	65	7 ½	190	7	178	425	11/16	17.5
3	80	8	203	7 ½	190	455	¾	19.0
4	100	9	229	9	229	620	15/16	23.8
5	125	10	254	10	254	725	15/16	23.8
6	150	10 ½	267	11	279	770	1	25.4
8	200	11 ½	292	13 ½	343	965	1 1/8	28.6
10	250	13	330	16	406	1164	1 3/16	30.2

Figure No. 1008-S (S.S Trim)

Fig. No. 1008-G (G.M Trim)



Features

- Tapered Solid Wedge Disc.
- Body Guide Ribs
- 13% Cr. S.S Body Ring & Seat Ring or G.M Trim.
- Stem Provided with ACME Double Start
- Packing Graphited Asbestos
- Gaskets Compressed Asbestos Fibre
- Flanges as per ANSI B 16.5
- Bolted Bonnet
- Size Range : 1 ½" - 10"
- Seating: S.S / G.M
- Stem : S.S AISI 410

Dimensions

Nominal Size		L		D (Dia.)		H (Open) Appx.	T (Thickness)	
inch.	mm	inch.	mm	inch.	mm	mm	inch	mm
1 ½	40	6 ½	165	5	127	330	9/16	14.3
2	50	7	178	6	152	370	5/8	15.9
2 ½"	65	7 ½	190	7	178	425	11/16	17.5
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5	125	10	254	10	254	725	15/16	23.8
6	150	10 ½	267	11	279	770	1	25.4
8	200	11 ½	292	13 ½	343	965	1 1/8	28.6
10	250	13	330	16	406	1164	1 3/16	30.2

Address:

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

Contact Person: Er. K.S Rana

Er.Arjun Rana

Phone : 01882-252-207

Fax: 500-289

E-Mail : info@vvvalves.in

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